

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: P626789 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-730-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626789 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1E-730-U-NR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N17
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

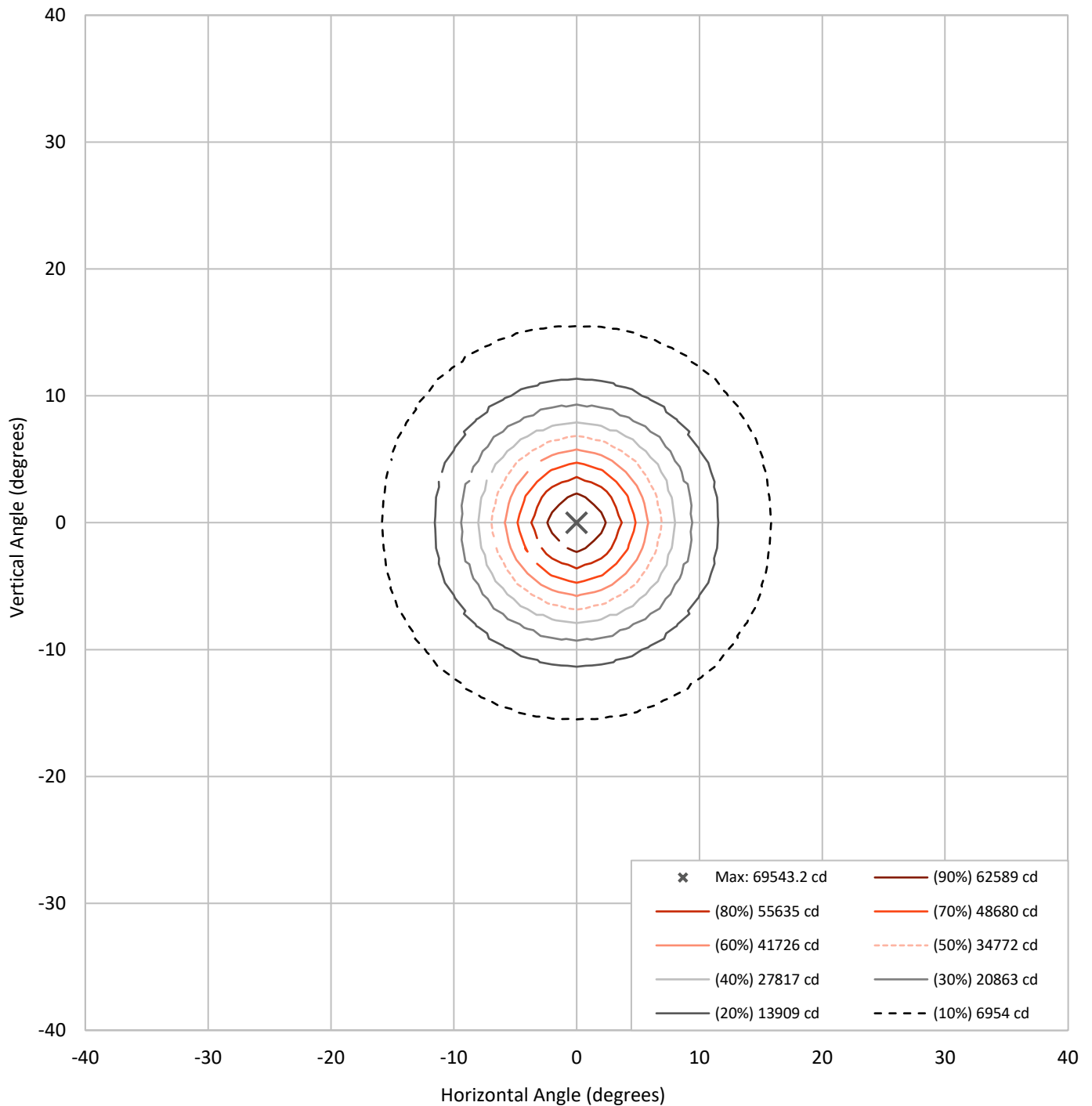
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	7384.5 lumens	Max Intensity:	69543.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	111.5 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	2183.3 lumens	Field Lumens:	4913.2 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	66.2		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P626789 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





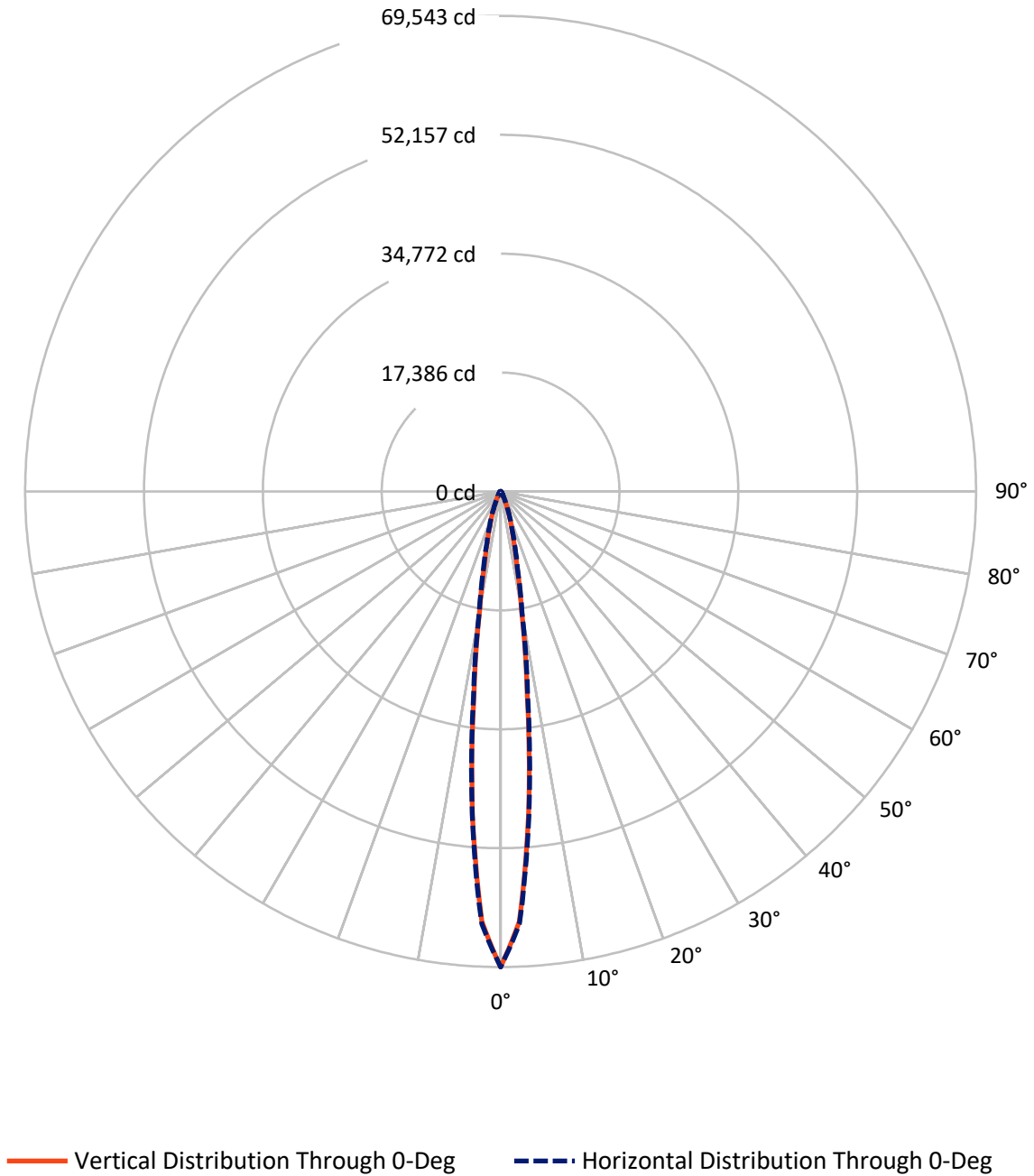
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Lumen Table

90	0.1	1.0	2.7	4.3	4.7	4.3	2.7	1.0	0.1							
80	0.1	1.0	2.7	4.3	4.7	4.3	2.7	1.0	0.1							
70	0.5	0.5	1.1	1.7	2.5	3.0	3.4	3.6	3.6	3.4	3.0	2.5	1.7	1.1	0.5	0.5
60		0.8	1.6	2.6	3.5	4.3	4.8	5.0	5.0	4.8	4.3	3.5	2.6	1.6	0.8	
50	0.8	1.0	2.1	3.2	4.3	5.4	6.3	6.8	6.8	6.3	5.4	4.3	3.2	2.1	1.0	0.8
40		1.2	2.4	3.7	5.2	7.6	10.6	13.2	13.2	10.6	7.6	5.2	3.7	2.4	1.2	
30	1.0	1.4	2.7	4.2	6.8	13.5	30.7	50.9	50.9	30.7	13.5	6.8	4.2	2.7	1.4	1.0
20		1.5	2.8	4.6	9.0	28.6	101.7	219.1	219.1	101.7	28.6	9.0	4.6	2.8	1.5	
10	1.1	1.5	2.9	4.9	10.9	47.2	221.2	955.3	955.3	221.2	47.2	10.9	4.9	2.9	1.5	1.1
0		1.5	2.9	4.9	10.9	47.2	221.2	955.3	955.3	221.2	47.2	10.9	4.9	2.9	1.5	
-10	1.0	1.5	2.8	4.6	9.0	28.6	101.7	219.1	219.1	101.7	28.6	9.0	4.6	2.8	1.5	1.0
-20		1.4	2.7	4.2	6.8	13.5	30.7	50.9	50.9	30.7	13.5	6.8	4.2	2.7	1.4	
-30	0.8	1.2	2.4	3.7	5.2	7.6	10.6	13.2	13.2	10.6	7.6	5.2	3.7	2.4	1.2	0.8
-40		1.0	2.1	3.2	4.3	5.4	6.3	6.8	6.8	6.3	5.4	4.3	3.2	2.1	1.0	
-50	0.5	0.8	1.6	2.6	3.5	4.3	4.8	5.0	5.0	4.8	4.3	3.5	2.6	1.6	0.8	0.5
-60		0.5	1.1	1.7	2.5	3.0	3.4	3.6	3.6	3.4	3.0	2.5	1.7	1.1	0.5	
-70	0.1	1.0	2.7	4.3	4.7	4.3	2.7	1.0	0.1							
-80		0.1	1.0	2.7	4.3	4.7	4.3	2.7	1.0	0.1						
-90	0.1	1.0	2.7	4.3	4.7	4.3	2.7	1.0	0.1							

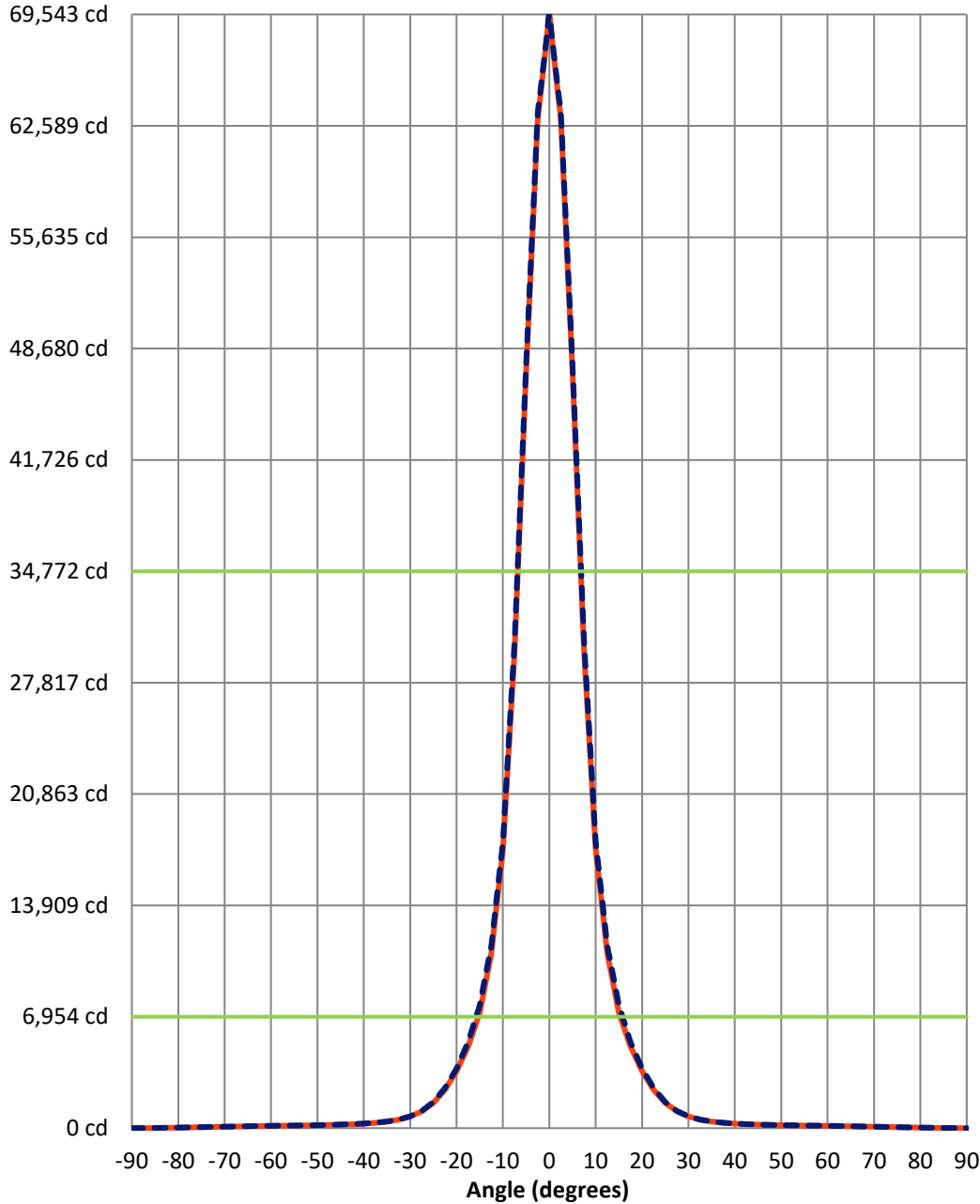
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 2183.3
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 4913.2
 Efficiency: 66.5%

Spill:
 Lumens: 2471.2
 Efficiency: 33.5%

— 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	0.2	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.5
85°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
82.5°	0.0	0.7	1.6	2.3	3.1	3.9	4.6	5.4	6.2	7.3	8.4
80°	0.0	0.9	2.1	3.1	4.1	5.2	6.3	7.8	9.2	10.7	12.1
77.5°	0.0	1.1	2.6	3.9	5.2	6.6	8.5	10.4	12.2	14.0	15.9
75°	0.0	1.4	3.1	4.6	6.2	8.4	10.7	13.0	15.2	17.7	20.2
72.5°	0.0	1.6	3.6	5.4	7.6	10.2	12.9	15.7	18.7	21.6	24.5
70°	0.0	1.8	4.0	6.2	8.9	11.9	15.1	18.7	22.0	25.4	29.2
67.5°	0.0	2.0	4.5	7.1	10.2	13.6	17.6	21.6	25.4	29.7	33.9
65°	0.0	2.2	4.9	8.0	11.5	15.4	20.0	24.5	29.2	33.9	38.9
62.5°	0.0	2.4	5.4	8.9	12.7	17.4	22.4	27.6	32.9	38.2	44.5
60°	0.0	2.6	5.8	9.8	13.9	19.3	24.7	30.8	36.5	43.0	49.9
57.5°	0.0	2.8	6.3	10.6	15.4	21.2	27.3	33.8	40.5	47.7	55.2
55°	0.0	2.9	6.9	11.4	16.9	23.1	29.9	36.8	44.4	52.2	60.3
52.5°	0.0	3.1	7.4	12.2	18.3	24.9	32.3	40.0	48.2	56.5	65.1
50°	0.0	3.3	7.9	13.0	19.7	26.9	34.7	43.2	51.9	60.7	69.8
47.5°	0.0	3.4	8.3	13.7	21.0	28.8	37.0	46.2	55.3	64.6	74.4
45°	0.0	3.6	8.8	14.7	22.3	30.6	39.5	49.1	58.6	68.6	78.8
42.5°	0.0	3.7	9.3	15.6	23.5	32.4	41.9	51.9	61.8	72.5	83.2
40°	0.0	3.8	9.7	16.5	24.7	34.1	44.2	54.6	64.9	76.3	87.4
37.5°	0.0	3.9	10.1	17.3	26.0	35.6	46.3	57.1	68.0	79.8	91.5
35°	0.0	4.0	10.5	18.1	27.2	37.3	48.4	59.4	70.9	83.1	95.4
32.5°	0.0	4.1	10.9	18.9	28.3	38.8	50.3	61.6	73.6	86.2	98.8
30°	0.0	4.2	11.2	19.6	29.3	40.3	52.0	63.7	76.1	89.1	101.9
27.5°	0.0	4.3	11.5	20.3	30.3	41.6	53.6	65.7	78.3	91.7	104.7
25°	0.0	4.4	11.8	20.9	31.3	42.9	55.1	67.5	80.4	94.0	107.2
22.5°	0.0	4.4	12.1	21.4	32.1	44.0	56.5	69.1	82.4	96.0	109.3
20°	0.0	4.5	12.4	21.9	32.9	45.0	57.7	70.4	84.1	97.8	111.3
17.5°	0.0	4.5	12.6	22.3	33.6	45.8	58.7	71.6	85.5	99.2	113.0
15°	0.0	4.5	12.8	22.7	34.1	46.5	59.5	72.7	86.8	100.4	114.5
12.5°	0.0	4.6	13.0	23.1	34.7	47.0	60.1	73.7	87.8	101.3	115.7
10°	0.0	4.6	13.1	23.3	35.1	47.4	60.6	74.5	88.7	102.3	116.9
7.5°	0.0	4.6	13.3	23.5	35.4	47.7	61.0	75.1	89.2	103.2	118.3
5°	0.0	4.5	13.3	23.7	35.6	47.8	61.2	75.6	89.5	103.8	119.4
2.5°	0.0	4.5	13.4	23.8	35.8	47.8	61.2	75.9	89.6	104.2	120.2
0°	0.0	4.5	13.4	23.8	35.8	47.7	61.1	76.0	89.4	104.3	120.7
-2.5°	0.0	4.5	13.4	23.8	35.8	47.8	61.2	75.9	89.6	104.2	120.2
-5°	0.0	4.5	13.3	23.7	35.6	47.8	61.2	75.6	89.5	103.8	119.4
-7.5°	0.0	4.6	13.3	23.5	35.4	47.7	61.0	75.1	89.2	103.2	118.3
-10°	0.0	4.6	13.1	23.3	35.1	47.4	60.6	74.5	88.7	102.3	116.9
-12.5°	0.0	4.6	13.0	23.1	34.7	47.0	60.1	73.7	87.8	101.3	115.7
-15°	0.0	4.5	12.8	22.7	34.1	46.5	59.5	72.7	86.8	100.4	114.5
-17.5°	0.0	4.5	12.6	22.3	33.6	45.8	58.7	71.6	85.5	99.2	113.0
-20°	0.0	4.5	12.4	21.9	32.9	45.0	57.7	70.4	84.1	97.8	111.3

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA1E-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	4.4	12.1	21.4	32.1	44.0	56.5	69.1	82.4	96.0	109.3
-25°	0.0	4.4	11.8	20.9	31.3	42.9	55.1	67.5	80.4	94.0	107.2
-27.5°	0.0	4.3	11.5	20.3	30.3	41.6	53.6	65.7	78.3	91.7	104.7
-30°	0.0	4.2	11.2	19.6	29.3	40.3	52.0	63.7	76.1	89.1	101.9
-32.5°	0.0	4.1	10.9	18.9	28.3	38.8	50.3	61.6	73.6	86.2	98.8
-35°	0.0	4.0	10.5	18.1	27.2	37.3	48.4	59.4	70.9	83.1	95.4
-37.5°	0.0	3.9	10.1	17.3	26.0	35.6	46.3	57.1	68.0	79.8	91.5
-40°	0.0	3.8	9.7	16.5	24.7	34.1	44.2	54.6	64.9	76.3	87.4
-42.5°	0.0	3.7	9.3	15.6	23.5	32.4	41.9	51.9	61.8	72.5	83.2
-45°	0.0	3.6	8.8	14.7	22.3	30.6	39.5	49.1	58.6	68.6	78.8
-47.5°	0.0	3.4	8.3	13.7	21.0	28.8	37.0	46.2	55.3	64.6	74.4
-50°	0.0	3.3	7.9	13.0	19.7	26.9	34.7	43.2	51.9	60.7	69.8
-52.5°	0.0	3.1	7.4	12.2	18.3	24.9	32.3	40.0	48.2	56.5	65.1
-55°	0.0	2.9	6.9	11.4	16.9	23.1	29.9	36.8	44.4	52.2	60.3
-57.5°	0.0	2.8	6.3	10.6	15.4	21.2	27.3	33.8	40.5	47.7	55.2
-60°	0.0	2.6	5.8	9.8	13.9	19.3	24.7	30.8	36.5	43.0	49.9
-62.5°	0.0	2.4	5.4	8.9	12.7	17.4	22.4	27.6	32.9	38.2	44.5
-65°	0.0	2.2	4.9	8.0	11.5	15.4	20.0	24.5	29.2	33.9	38.9
-67.5°	0.0	2.0	4.5	7.1	10.2	13.6	17.6	21.6	25.4	29.7	33.9
-70°	0.0	1.8	4.0	6.2	8.9	11.9	15.1	18.7	22.0	25.4	29.2
-72.5°	0.0	1.6	3.6	5.4	7.6	10.2	12.9	15.7	18.7	21.6	24.5
-75°	0.0	1.4	3.1	4.6	6.2	8.4	10.7	13.0	15.2	17.7	20.2
-77.5°	0.0	1.1	2.6	3.9	5.2	6.6	8.5	10.4	12.2	14.0	15.9
-80°	0.0	0.9	2.1	3.1	4.1	5.2	6.3	7.8	9.2	10.7	12.1
-82.5°	0.0	0.7	1.6	2.3	3.1	3.9	4.6	5.4	6.2	7.3	8.4
-85°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	3.6	4.1	4.6	5.1
-87.5°	0.0	0.2	0.5	0.8	1.0	1.3	1.6	1.8	2.1	2.3	2.5
-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°	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.2	4.4	4.6	4.8
85°	5.5	6.0	6.7	7.3	7.8	8.3	8.7	9.1	9.7	10.3	11.0
82.5°	9.4	10.4	11.4	12.4	13.0	13.6	14.1	14.8	16.2	17.4	18.6
80°	13.5	14.8	16.4	17.9	19.2	20.5	21.8	23.2	24.6	26.0	27.3
77.5°	18.0	19.9	21.9	23.8	25.6	27.7	29.6	31.5	33.3	35.0	36.7
75°	22.7	25.0	27.6	30.2	32.8	35.2	37.6	40.1	42.6	45.0	47.2
72.5°	27.6	30.8	33.9	36.9	40.2	43.4	46.5	49.5	52.4	55.4	58.6
70°	32.9	36.5	40.5	44.4	48.1	51.9	55.7	59.0	62.2	66.3	70.6
67.5°	38.3	43.2	47.7	52.1	57.0	61.5	65.4	69.6	74.0	78.8	83.0
65°	44.7	50.0	55.3	60.8	66.4	71.1	76.0	81.1	86.2	91.0	95.6
62.5°	50.9	57.0	63.1	69.1	74.8	80.5	86.3	92.1	97.7	103.3	108.2
60°	57.0	63.8	70.3	76.6	83.1	90.1	96.6	103.0	109.7	116.0	119.3
57.5°	62.9	70.2	76.9	84.0	91.7	99.5	106.4	113.6	119.3	123.7	128.0
55°	68.4	76.0	83.4	91.3	99.6	107.8	115.4	121.9	127.2	131.2	135.8
52.5°	73.6	81.6	89.6	98.3	107.1	115.8	123.8	129.9	134.6	138.8	143.0
50°	78.7	87.1	95.6	105.1	114.5	123.8	131.6	137.2	141.7	145.9	150.3
47.5°	83.7	92.5	101.6	111.7	122.0	131.0	138.4	143.5	148.0	152.9	157.7
45°	88.6	98.1	107.8	118.6	129.0	137.6	143.9	149.0	154.5	159.9	165.1
42.5°	93.4	103.6	114.1	125.4	135.4	143.2	149.0	155.0	161.0	166.8	172.6
40°	98.2	108.9	120.0	131.3	141.3	148.0	154.2	160.7	167.3	173.5	180.0
37.5°	102.8	113.9	125.4	136.7	145.8	152.6	159.1	166.2	173.2	180.0	188.4
35°	107.2	118.5	130.0	141.0	149.8	156.8	164.0	171.5	178.9	187.6	197.2
32.5°	111.1	122.5	134.3	144.5	153.0	160.6	168.8	176.6	185.4	195.3	206.8
30°	114.4	126.1	137.9	147.8	156.2	164.3	173.1	181.7	192.0	203.9	217.6
27.5°	117.3	129.3	140.7	150.7	159.2	167.3	176.5	187.4	199.2	212.6	228.6
25°	120.0	132.5	143.4	153.3	161.7	170.1	179.9	192.0	206.2	222.3	242.0
22.5°	122.5	135.7	146.2	155.8	163.6	172.6	183.8	196.9	212.3	231.2	255.2
20°	125.0	138.0	148.4	157.8	165.0	174.8	187.1	201.1	218.7	241.2	268.9
17.5°	127.2	140.0	150.1	159.0	166.8	177.2	190.1	204.6	224.2	250.3	281.5
15°	129.3	141.6	151.5	159.9	168.5	179.7	193.2	208.9	230.3	259.0	292.7
12.5°	131.1	143.0	152.6	160.7	169.8	181.7	195.9	213.4	236.9	267.5	306.9
10°	132.6	144.0	153.3	161.2	170.8	183.3	198.2	217.0	242.1	274.1	317.8
7.5°	134.0	144.8	153.9	161.5	171.5	184.4	200.0	219.8	245.8	278.8	325.7
5°	134.9	145.5	154.5	162.4	172.5	185.2	201.3	221.7	247.9	281.6	330.6
2.5°	135.4	145.9	154.9	163.2	173.6	186.0	202.3	223.8	249.7	284.3	334.3
0°	135.6	146.0	155.0	163.9	174.3	186.2	202.6	225.0	250.3	286.1	336.7
-2.5°	135.4	145.9	154.9	163.2	173.6	186.0	202.3	223.8	249.7	284.3	334.3
-5°	134.9	145.5	154.5	162.4	172.5	185.2	201.3	221.7	247.9	281.6	330.6
-7.5°	134.0	144.8	153.9	161.5	171.5	184.4	200.0	219.8	245.8	278.8	325.7
-10°	132.6	144.0	153.3	161.2	170.8	183.3	198.2	217.0	242.1	274.1	317.8
-12.5°	131.1	143.0	152.6	160.7	169.8	181.7	195.9	213.4	236.9	267.5	306.9
-15°	129.3	141.6	151.5	159.9	168.5	179.7	193.2	208.9	230.3	259.0	292.7
-17.5°	127.2	140.0	150.1	159.0	166.8	177.2	190.1	204.6	224.2	250.3	281.5
-20°	125.0	138.0	148.4	157.8	165.0	174.8	187.1	201.1	218.7	241.2	268.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626789 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	122.5	135.7	146.2	155.8	163.6	172.6	183.8	196.9	212.3	231.2	255.2
-25°	120.0	132.5	143.4	153.3	161.7	170.1	179.9	192.0	206.2	222.3	242.0
-27.5°	117.3	129.3	140.7	150.7	159.2	167.3	176.5	187.4	199.2	212.6	228.6
-30°	114.4	126.1	137.9	147.8	156.2	164.3	173.1	181.7	192.0	203.9	217.6
-32.5°	111.1	122.5	134.3	144.5	153.0	160.6	168.8	176.6	185.4	195.3	206.8
-35°	107.2	118.5	130.0	141.0	149.8	156.8	164.0	171.5	178.9	187.6	197.2
-37.5°	102.8	113.9	125.4	136.7	145.8	152.6	159.1	166.2	173.2	180.0	188.4
-40°	98.2	108.9	120.0	131.3	141.3	148.0	154.2	160.7	167.3	173.5	180.0
-42.5°	93.4	103.6	114.1	125.4	135.4	143.2	149.0	155.0	161.0	166.8	172.6
-45°	88.6	98.1	107.8	118.6	129.0	137.6	143.9	149.0	154.5	159.9	165.1
-47.5°	83.7	92.5	101.6	111.7	122.0	131.0	138.4	143.5	148.0	152.9	157.7
-50°	78.7	87.1	95.6	105.1	114.5	123.8	131.6	137.2	141.7	145.9	150.3
-52.5°	73.6	81.6	89.6	98.3	107.1	115.8	123.8	129.9	134.6	138.8	143.0
-55°	68.4	76.0	83.4	91.3	99.6	107.8	115.4	121.9	127.2	131.2	135.8
-57.5°	62.9	70.2	76.9	84.0	91.7	99.5	106.4	113.6	119.3	123.7	128.0
-60°	57.0	63.8	70.3	76.6	83.1	90.1	96.6	103.0	109.7	116.0	119.3
-62.5°	50.9	57.0	63.1	69.1	74.8	80.5	86.3	92.1	97.7	103.3	108.2
-65°	44.7	50.0	55.3	60.8	66.4	71.1	76.0	81.1	86.2	91.0	95.6
-67.5°	38.3	43.2	47.7	52.1	57.0	61.5	65.4	69.6	74.0	78.8	83.0
-70°	32.9	36.5	40.5	44.4	48.1	51.9	55.7	59.0	62.2	66.3	70.6
-72.5°	27.6	30.8	33.9	36.9	40.2	43.4	46.5	49.5	52.4	55.4	58.6
-75°	22.7	25.0	27.6	30.2	32.8	35.2	37.6	40.1	42.6	45.0	47.2
-77.5°	18.0	19.9	21.9	23.8	25.6	27.7	29.6	31.5	33.3	35.0	36.7
-80°	13.5	14.8	16.4	17.9	19.2	20.5	21.8	23.2	24.6	26.0	27.3
-82.5°	9.4	10.4	11.4	12.4	13.0	13.6	14.1	14.8	16.2	17.4	18.6
-85°	5.5	6.0	6.7	7.3	7.8	8.3	8.7	9.1	9.7	10.3	11.0
-87.5°	2.8	3.0	3.2	3.4	3.7	3.9	4.1	4.2	4.4	4.6	4.8
-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: P626789 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-730-U-NR-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°	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.5	5.2
85°	11.7	12.1	12.5	12.9	13.2	13.5	13.8	14.1	14.3	14.1	13.9
82.5°	19.6	20.4	21.1	21.8	22.4	22.9	23.4	23.8	24.2	24.2	24.1
80°	28.5	29.8	31.1	32.4	33.6	34.4	34.9	35.3	35.6	35.7	35.8
77.5°	38.3	40.3	42.4	44.4	46.4	47.5	48.4	49.0	49.6	49.7	49.6
75°	49.3	51.8	54.6	57.1	59.2	60.5	61.4	62.2	62.9	63.0	62.9
72.5°	61.9	65.0	67.5	69.6	71.4	72.9	74.0	75.0	75.8	76.1	76.2
70°	74.3	77.4	79.9	82.0	83.8	85.3	86.6	87.8	88.7	89.4	90.0
67.5°	86.9	90.5	93.0	94.9	96.4	98.0	99.8	101.4	102.7	103.6	104.0
65°	99.9	103.6	106.0	108.1	109.9	111.9	113.9	115.4	116.3	116.9	117.3
62.5°	112.4	115.9	118.9	121.6	124.3	126.6	127.9	129.2	130.2	131.1	131.8
60°	123.2	127.6	130.9	133.6	136.2	138.7	140.4	141.8	142.8	143.6	144.1
57.5°	132.4	136.9	140.8	143.4	146.2	149.2	151.2	152.3	153.3	154.2	154.7
55°	140.5	144.6	148.2	151.7	154.9	157.6	159.7	161.2	162.5	163.5	163.9
52.5°	147.7	152.1	156.4	160.1	163.3	165.9	168.0	169.8	171.3	172.3	172.7
50°	155.3	160.1	164.7	168.8	172.0	174.9	177.4	179.7	181.8	183.5	184.7
47.5°	162.7	167.9	173.0	177.4	181.3	185.5	189.2	192.4	195.5	198.0	199.8
45°	170.3	176.2	181.7	187.5	192.7	198.2	203.3	207.7	212.2	215.6	217.9
42.5°	178.7	185.4	192.0	199.2	206.3	213.4	221.2	228.1	233.4	238.4	242.5
40°	187.6	195.3	203.9	212.8	223.2	232.6	243.1	252.0	260.1	268.6	275.4
37.5°	197.2	206.8	218.1	230.0	243.4	256.4	270.0	283.3	295.0	308.7	319.2
35°	207.8	220.6	234.5	250.5	267.3	285.9	304.5	325.9	344.5	364.8	382.5
32.5°	220.3	235.5	253.8	275.0	296.6	324.7	351.0	385.2	414.7	447.0	479.5
30°	233.1	253.2	276.8	303.4	337.7	376.4	419.5	470.4	522.8	573.5	634.6
27.5°	249.1	273.3	301.8	340.8	391.2	443.5	517.7	594.0	690.3	770.0	882.3
25°	265.7	294.1	334.7	387.7	453.6	544.3	656.8	778.8	948.2	1097.1	1271.7
22.5°	283.7	322.1	372.6	438.1	537.9	677.1	847.5	1077.1	1327.1	1592.5	1856.5
20°	302.5	348.9	415.2	510.0	647.0	835.6	1128.1	1482.5	1839.6	2277.5	2665.3
17.5°	324.2	383.3	465.0	583.6	766.4	1055.3	1461.0	1955.8	2509.8	3139.5	3698.6
15°	342.3	412.8	515.9	681.8	933.3	1304.3	1815.9	2496.5	3329.1	4174.8	5032.8
12.5°	363.4	445.0	566.0	763.8	1079.6	1572.7	2269.1	3130.6	4170.4	5343.4	6726.1
10°	382.1	476.5	626.9	871.8	1257.7	1852.7	2697.9	3734.3	5076.2	6763.8	8905.0
7.5°	396.0	501.5	673.9	953.9	1411.7	2121.9	3103.0	4395.3	6100.4	8328.9	11267.7
5°	404.9	519.7	707.2	1017.3	1532.2	2322.2	3399.8	4864.2	6921.2	10073.1	15049.5
2.5°	410.3	530.4	726.2	1054.5	1605.5	2454.9	3625.7	5218.8	7453.2	11150.9	17481.9
0°	412.7	533.4	737.5	1074.3	1630.0	2506.1	3729.4	5380.3	7691.3	11402.8	17909.5
-2.5°	410.3	530.4	726.2	1054.5	1605.5	2454.9	3625.7	5218.8	7453.2	11150.9	17481.9
-5°	404.9	519.7	707.2	1017.3	1532.2	2322.2	3399.8	4864.2	6921.2	10073.1	15049.5
-7.5°	396.0	501.5	673.9	953.9	1411.7	2121.9	3103.0	4395.3	6100.4	8328.9	11267.7
-10°	382.1	476.5	626.9	871.8	1257.7	1852.7	2697.9	3734.3	5076.2	6763.8	8905.0
-12.5°	363.4	445.0	566.0	763.8	1079.6	1572.7	2269.1	3130.6	4170.4	5343.4	6726.1
-15°	342.3	412.8	515.9	681.8	933.3	1304.3	1815.9	2496.5	3329.1	4174.8	5032.8
-17.5°	324.2	383.3	465.0	583.6	766.4	1055.3	1461.0	1955.8	2509.8	3139.5	3698.6
-20°	302.5	348.9	415.2	510.0	647.0	835.6	1128.1	1482.5	1839.6	2277.5	2665.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626789 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	283.7	322.1	372.6	438.1	537.9	677.1	847.5	1077.1	1327.1	1592.5	1856.5
-25°	265.7	294.1	334.7	387.7	453.6	544.3	656.8	778.8	948.2	1097.1	1271.7
-27.5°	249.1	273.3	301.8	340.8	391.2	443.5	517.7	594.0	690.3	770.0	882.3
-30°	233.1	253.2	276.8	303.4	337.7	376.4	419.5	470.4	522.8	573.5	634.6
-32.5°	220.3	235.5	253.8	275.0	296.6	324.7	351.0	385.2	414.7	447.0	479.5
-35°	207.8	220.6	234.5	250.5	267.3	285.9	304.5	325.9	344.5	364.8	382.5
-37.5°	197.2	206.8	218.1	230.0	243.4	256.4	270.0	283.3	295.0	308.7	319.2
-40°	187.6	195.3	203.9	212.8	223.2	232.6	243.1	252.0	260.1	268.6	275.4
-42.5°	178.7	185.4	192.0	199.2	206.3	213.4	221.2	228.1	233.4	238.4	242.5
-45°	170.3	176.2	181.7	187.5	192.7	198.2	203.3	207.7	212.2	215.6	217.9
-47.5°	162.7	167.9	173.0	177.4	181.3	185.5	189.2	192.4	195.5	198.0	199.8
-50°	155.3	160.1	164.7	168.8	172.0	174.9	177.4	179.7	181.8	183.5	184.7
-52.5°	147.7	152.1	156.4	160.1	163.3	165.9	168.0	169.8	171.3	172.3	172.7
-55°	140.5	144.6	148.2	151.7	154.9	157.6	159.7	161.2	162.5	163.5	163.9
-57.5°	132.4	136.9	140.8	143.4	146.2	149.2	151.2	152.3	153.3	154.2	154.7
-60°	123.2	127.6	130.9	133.6	136.2	138.7	140.4	141.8	142.8	143.6	144.1
-62.5°	112.4	115.9	118.9	121.6	124.3	126.6	127.9	129.2	130.2	131.1	131.8
-65°	99.9	103.6	106.0	108.1	109.9	111.9	113.9	115.4	116.3	116.9	117.3
-67.5°	86.9	90.5	93.0	94.9	96.4	98.0	99.8	101.4	102.7	103.6	104.0
-70°	74.3	77.4	79.9	82.0	83.8	85.3	86.6	87.8	88.7	89.4	90.0
-72.5°	61.9	65.0	67.5	69.6	71.4	72.9	74.0	75.0	75.8	76.1	76.2
-75°	49.3	51.8	54.6	57.1	59.2	60.5	61.4	62.2	62.9	63.0	62.9
-77.5°	38.3	40.3	42.4	44.4	46.4	47.5	48.4	49.0	49.6	49.7	49.6
-80°	28.5	29.8	31.1	32.4	33.6	34.4	34.9	35.3	35.6	35.7	35.8
-82.5°	19.6	20.4	21.1	21.8	22.4	22.9	23.4	23.8	24.2	24.2	24.1
-85°	11.7	12.1	12.5	12.9	13.2	13.5	13.8	14.1	14.3	14.1	13.9
-87.5°	4.9	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.5	5.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626789 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1E-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

Table with 12 columns representing angles from -7.5° to 17.5° and 36 rows representing angles from 90° to -20°. Values represent candela measurements at various intersections.



REPORT NUMBER: P626789 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2109.6	2292.7	2413.8	2398.9	2413.8	2292.7	2109.6	1856.5	1592.5	1327.1	1077.1
-25°	1417.7	1525.8	1595.0	1577.9	1595.0	1525.8	1417.7	1271.7	1097.1	948.2	778.8
-27.5°	963.0	1022.2	1056.4	1051.9	1056.4	1022.2	963.0	882.3	770.0	690.3	594.0
-30°	680.7	713.5	729.9	725.6	729.9	713.5	680.7	634.6	573.5	522.8	470.4
-32.5°	504.1	522.8	533.2	531.9	533.2	522.8	504.1	479.5	447.0	414.7	385.2
-35°	395.9	405.3	410.3	412.7	410.3	405.3	395.9	382.5	364.8	344.5	325.9
-37.5°	326.6	331.3	333.5	333.8	333.5	331.3	326.6	319.2	308.7	295.0	283.3
-40°	279.6	281.5	281.9	281.6	281.9	281.5	279.6	275.4	268.6	260.1	252.0
-42.5°	245.6	247.3	247.8	247.3	247.8	247.3	245.6	242.5	238.4	233.4	228.1
-45°	219.7	220.8	221.1	220.5	221.1	220.8	219.7	217.9	215.6	212.2	207.7
-47.5°	200.6	200.7	200.4	199.7	200.4	200.7	200.6	199.8	198.0	195.5	192.4
-50°	185.4	185.7	185.5	184.8	185.5	185.7	185.4	184.7	183.5	181.8	179.7
-52.5°	172.8	172.6	172.6	172.8	172.6	172.6	172.8	172.7	172.3	171.3	169.8
-55°	163.9	163.7	163.2	162.4	163.2	163.7	163.9	163.9	163.5	162.5	161.2
-57.5°	154.8	154.7	154.2	153.5	154.2	154.7	154.8	154.7	154.2	153.3	152.3
-60°	144.2	144.1	143.7	143.0	143.7	144.1	144.2	144.1	143.6	142.8	141.8
-62.5°	132.1	132.1	131.8	131.1	131.8	132.1	132.1	131.8	131.1	130.2	129.2
-65°	117.5	117.3	117.6	117.7	117.6	117.3	117.5	117.3	116.9	116.3	115.4
-67.5°	104.1	103.9	103.5	102.8	103.5	103.9	104.1	104.0	103.6	102.7	101.4
-70°	90.3	90.5	90.1	89.4	90.1	90.5	90.3	90.0	89.4	88.7	87.8
-72.5°	76.0	75.7	75.9	76.0	75.9	75.7	76.0	76.2	76.1	75.8	75.0
-75°	62.7	62.3	62.5	62.6	62.5	62.3	62.7	62.9	63.0	62.9	62.2
-77.5°	49.4	49.0	48.4	47.7	48.4	49.0	49.4	49.6	49.7	49.6	49.0
-80°	35.8	35.6	35.0	34.3	35.0	35.6	35.8	35.8	35.7	35.6	35.3
-82.5°	23.9	23.7	23.8	23.8	23.8	23.7	23.9	24.1	24.2	24.2	23.8
-85°	13.6	13.3	13.4	13.4	13.4	13.3	13.6	13.9	14.1	14.3	14.1
-87.5°	4.8	4.5	4.5	4.5	4.5	4.5	4.8	5.2	5.5	5.8	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: P626789 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1E-730-U-NR-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°	5.6	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.6	4.4	4.2
85°	13.8	13.5	13.2	12.9	12.5	12.1	11.7	11.0	10.3	9.7	9.1
82.5°	23.4	22.9	22.4	21.8	21.1	20.4	19.6	18.6	17.4	16.2	14.8
80°	34.9	34.4	33.6	32.4	31.1	29.8	28.5	27.3	26.0	24.6	23.2
77.5°	48.4	47.5	46.4	44.4	42.4	40.3	38.3	36.7	35.0	33.3	31.5
75°	61.4	60.5	59.2	57.1	54.6	51.8	49.3	47.2	45.0	42.6	40.1
72.5°	74.0	72.9	71.4	69.6	67.5	65.0	61.9	58.6	55.4	52.4	49.5
70°	86.6	85.3	83.8	82.0	79.9	77.4	74.3	70.6	66.3	62.2	59.0
67.5°	99.8	98.0	96.4	94.9	93.0	90.5	86.9	83.0	78.8	74.0	69.6
65°	113.9	111.9	109.9	108.1	106.0	103.6	99.9	95.6	91.0	86.2	81.1
62.5°	127.9	126.6	124.3	121.6	118.9	115.9	112.4	108.2	103.3	97.7	92.1
60°	140.4	138.7	136.2	133.6	130.9	127.6	123.2	119.3	116.0	109.7	103.0
57.5°	151.2	149.2	146.2	143.4	140.8	136.9	132.4	128.0	123.7	119.3	113.6
55°	159.7	157.6	154.9	151.7	148.2	144.6	140.5	135.8	131.2	127.2	121.9
52.5°	168.0	165.9	163.3	160.1	156.4	152.1	147.7	143.0	138.8	134.6	129.9
50°	177.4	174.9	172.0	168.8	164.7	160.1	155.3	150.3	145.9	141.7	137.2
47.5°	189.2	185.5	181.3	177.4	173.0	167.9	162.7	157.7	152.9	148.0	143.5
45°	203.3	198.2	192.7	187.5	181.7	176.2	170.3	165.1	159.9	154.5	149.0
42.5°	221.2	213.4	206.3	199.2	192.0	185.4	178.7	172.6	166.8	161.0	155.0
40°	243.1	232.6	223.2	212.8	203.9	195.3	187.6	180.0	173.5	167.3	160.7
37.5°	270.0	256.4	243.4	230.0	218.1	206.8	197.2	188.4	180.0	173.2	166.2
35°	304.5	285.9	267.3	250.5	234.5	220.6	207.8	197.2	187.6	178.9	171.5
32.5°	351.0	324.7	296.6	275.0	253.8	235.5	220.3	206.8	195.3	185.4	176.6
30°	419.5	376.4	337.7	303.4	276.8	253.2	233.1	217.6	203.9	192.0	181.7
27.5°	517.7	443.5	391.2	340.8	301.8	273.3	249.1	228.6	212.6	199.2	187.4
25°	656.8	544.3	453.6	387.7	334.7	294.1	265.7	242.0	222.3	206.2	192.0
22.5°	847.5	677.1	537.9	438.1	372.6	322.1	283.7	255.2	231.2	212.3	196.9
20°	1128.1	835.6	647.0	510.0	415.2	348.9	302.5	268.9	241.2	218.7	201.1
17.5°	1461.0	1055.3	766.4	583.6	465.0	383.3	324.2	281.5	250.3	224.2	204.6
15°	1815.9	1304.3	933.3	681.8	515.9	412.8	342.3	292.7	259.0	230.3	208.9
12.5°	2269.1	1572.7	1079.6	763.8	566.0	445.0	363.4	306.9	267.5	236.9	213.4
10°	2697.9	1852.7	1257.7	871.8	626.9	476.5	382.1	317.8	274.1	242.1	217.0
7.5°	3103.0	2121.9	1411.7	953.9	673.9	501.5	396.0	325.7	278.8	245.8	219.8
5°	3399.8	2322.2	1532.2	1017.3	707.2	519.7	404.9	330.6	281.6	247.9	221.7
2.5°	3625.7	2454.9	1605.5	1054.5	726.2	530.4	410.3	334.3	284.3	249.7	223.8
0°	3729.4	2506.1	1630.0	1074.3	737.5	533.4	412.7	336.7	286.1	250.3	225.0
-2.5°	3625.7	2454.9	1605.5	1054.5	726.2	530.4	410.3	334.3	284.3	249.7	223.8
-5°	3399.8	2322.2	1532.2	1017.3	707.2	519.7	404.9	330.6	281.6	247.9	221.7
-7.5°	3103.0	2121.9	1411.7	953.9	673.9	501.5	396.0	325.7	278.8	245.8	219.8
-10°	2697.9	1852.7	1257.7	871.8	626.9	476.5	382.1	317.8	274.1	242.1	217.0
-12.5°	2269.1	1572.7	1079.6	763.8	566.0	445.0	363.4	306.9	267.5	236.9	213.4
-15°	1815.9	1304.3	933.3	681.8	515.9	412.8	342.3	292.7	259.0	230.3	208.9
-17.5°	1461.0	1055.3	766.4	583.6	465.0	383.3	324.2	281.5	250.3	224.2	204.6
-20°	1128.1	835.6	647.0	510.0	415.2	348.9	302.5	268.9	241.2	218.7	201.1



REPORT NUMBER: P626789 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	847.5	677.1	537.9	438.1	372.6	322.1	283.7	255.2	231.2	212.3	196.9
-25°	656.8	544.3	453.6	387.7	334.7	294.1	265.7	242.0	222.3	206.2	192.0
-27.5°	517.7	443.5	391.2	340.8	301.8	273.3	249.1	228.6	212.6	199.2	187.4
-30°	419.5	376.4	337.7	303.4	276.8	253.2	233.1	217.6	203.9	192.0	181.7
-32.5°	351.0	324.7	296.6	275.0	253.8	235.5	220.3	206.8	195.3	185.4	176.6
-35°	304.5	285.9	267.3	250.5	234.5	220.6	207.8	197.2	187.6	178.9	171.5
-37.5°	270.0	256.4	243.4	230.0	218.1	206.8	197.2	188.4	180.0	173.2	166.2
-40°	243.1	232.6	223.2	212.8	203.9	195.3	187.6	180.0	173.5	167.3	160.7
-42.5°	221.2	213.4	206.3	199.2	192.0	185.4	178.7	172.6	166.8	161.0	155.0
-45°	203.3	198.2	192.7	187.5	181.7	176.2	170.3	165.1	159.9	154.5	149.0
-47.5°	189.2	185.5	181.3	177.4	173.0	167.9	162.7	157.7	152.9	148.0	143.5
-50°	177.4	174.9	172.0	168.8	164.7	160.1	155.3	150.3	145.9	141.7	137.2
-52.5°	168.0	165.9	163.3	160.1	156.4	152.1	147.7	143.0	138.8	134.6	129.9
-55°	159.7	157.6	154.9	151.7	148.2	144.6	140.5	135.8	131.2	127.2	121.9
-57.5°	151.2	149.2	146.2	143.4	140.8	136.9	132.4	128.0	123.7	119.3	113.6
-60°	140.4	138.7	136.2	133.6	130.9	127.6	123.2	119.3	116.0	109.7	103.0
-62.5°	127.9	126.6	124.3	121.6	118.9	115.9	112.4	108.2	103.3	97.7	92.1
-65°	113.9	111.9	109.9	108.1	106.0	103.6	99.9	95.6	91.0	86.2	81.1
-67.5°	99.8	98.0	96.4	94.9	93.0	90.5	86.9	83.0	78.8	74.0	69.6
-70°	86.6	85.3	83.8	82.0	79.9	77.4	74.3	70.6	66.3	62.2	59.0
-72.5°	74.0	72.9	71.4	69.6	67.5	65.0	61.9	58.6	55.4	52.4	49.5
-75°	61.4	60.5	59.2	57.1	54.6	51.8	49.3	47.2	45.0	42.6	40.1
-77.5°	48.4	47.5	46.4	44.4	42.4	40.3	38.3	36.7	35.0	33.3	31.5
-80°	34.9	34.4	33.6	32.4	31.1	29.8	28.5	27.3	26.0	24.6	23.2
-82.5°	23.4	22.9	22.4	21.8	21.1	20.4	19.6	18.6	17.4	16.2	14.8
-85°	13.8	13.5	13.2	12.9	12.5	12.1	11.7	11.0	10.3	9.7	9.1
-87.5°	5.6	5.5	5.4	5.3	5.2	5.1	4.9	4.8	4.6	4.4	4.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626789 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-730-U-NR-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°	4.1	3.9	3.7	3.4	3.2	3.0	2.8	2.5	2.3	2.1	1.8
85°	8.7	8.3	7.8	7.3	6.7	6.0	5.5	5.1	4.6	4.1	3.6
82.5°	14.1	13.6	13.0	12.4	11.4	10.4	9.4	8.4	7.3	6.2	5.4
80°	21.8	20.5	19.2	17.9	16.4	14.8	13.5	12.1	10.7	9.2	7.8
77.5°	29.6	27.7	25.6	23.8	21.9	19.9	18.0	15.9	14.0	12.2	10.4
75°	37.6	35.2	32.8	30.2	27.6	25.0	22.7	20.2	17.7	15.2	13.0
72.5°	46.5	43.4	40.2	36.9	33.9	30.8	27.6	24.5	21.6	18.7	15.7
70°	55.7	51.9	48.1	44.4	40.5	36.5	32.9	29.2	25.4	22.0	18.7
67.5°	65.4	61.5	57.0	52.1	47.7	43.2	38.3	33.9	29.7	25.4	21.6
65°	76.0	71.1	66.4	60.8	55.3	50.0	44.7	38.9	33.9	29.2	24.5
62.5°	86.3	80.5	74.8	69.1	63.1	57.0	50.9	44.5	38.2	32.9	27.6
60°	96.6	90.1	83.1	76.6	70.3	63.8	57.0	49.9	43.0	36.5	30.8
57.5°	106.4	99.5	91.7	84.0	76.9	70.2	62.9	55.2	47.7	40.5	33.8
55°	115.4	107.8	99.6	91.3	83.4	76.0	68.4	60.3	52.2	44.4	36.8
52.5°	123.8	115.8	107.1	98.3	89.6	81.6	73.6	65.1	56.5	48.2	40.0
50°	131.6	123.8	114.5	105.1	95.6	87.1	78.7	69.8	60.7	51.9	43.2
47.5°	138.4	131.0	122.0	111.7	101.6	92.5	83.7	74.4	64.6	55.3	46.2
45°	143.9	137.6	129.0	118.6	107.8	98.1	88.6	78.8	68.6	58.6	49.1
42.5°	149.0	143.2	135.4	125.4	114.1	103.6	93.4	83.2	72.5	61.8	51.9
40°	154.2	148.0	141.3	131.3	120.0	108.9	98.2	87.4	76.3	64.9	54.6
37.5°	159.1	152.6	145.8	136.7	125.4	113.9	102.8	91.5	79.8	68.0	57.1
35°	164.0	156.8	149.8	141.0	130.0	118.5	107.2	95.4	83.1	70.9	59.4
32.5°	168.8	160.6	153.0	144.5	134.3	122.5	111.1	98.8	86.2	73.6	61.6
30°	173.1	164.3	156.2	147.8	137.9	126.1	114.4	101.9	89.1	76.1	63.7
27.5°	176.5	167.3	159.2	150.7	140.7	129.3	117.3	104.7	91.7	78.3	65.7
25°	179.9	170.1	161.7	153.3	143.4	132.5	120.0	107.2	94.0	80.4	67.5
22.5°	183.8	172.6	163.6	155.8	146.2	135.7	122.5	109.3	96.0	82.4	69.1
20°	187.1	174.8	165.0	157.8	148.4	138.0	125.0	111.3	97.8	84.1	70.4
17.5°	190.1	177.2	166.8	159.0	150.1	140.0	127.2	113.0	99.2	85.5	71.6
15°	193.2	179.7	168.5	159.9	151.5	141.6	129.3	114.5	100.4	86.8	72.7
12.5°	195.9	181.7	169.8	160.7	152.6	143.0	131.1	115.7	101.3	87.8	73.7
10°	198.2	183.3	170.8	161.2	153.3	144.0	132.6	116.9	102.3	88.7	74.5
7.5°	200.0	184.4	171.5	161.5	153.9	144.8	134.0	118.3	103.2	89.2	75.1
5°	201.3	185.2	172.5	162.4	154.5	145.5	134.9	119.4	103.8	89.5	75.6
2.5°	202.3	186.0	173.6	163.2	154.9	145.9	135.4	120.2	104.2	89.6	75.9
0°	202.6	186.2	174.3	163.9	155.0	146.0	135.6	120.7	104.3	89.4	76.0
-2.5°	202.3	186.0	173.6	163.2	154.9	145.9	135.4	120.2	104.2	89.6	75.9
-5°	201.3	185.2	172.5	162.4	154.5	145.5	134.9	119.4	103.8	89.5	75.6
-7.5°	200.0	184.4	171.5	161.5	153.9	144.8	134.0	118.3	103.2	89.2	75.1
-10°	198.2	183.3	170.8	161.2	153.3	144.0	132.6	116.9	102.3	88.7	74.5
-12.5°	195.9	181.7	169.8	160.7	152.6	143.0	131.1	115.7	101.3	87.8	73.7
-15°	193.2	179.7	168.5	159.9	151.5	141.6	129.3	114.5	100.4	86.8	72.7
-17.5°	190.1	177.2	166.8	159.0	150.1	140.0	127.2	113.0	99.2	85.5	71.6
-20°	187.1	174.8	165.0	157.8	148.4	138.0	125.0	111.3	97.8	84.1	70.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626789 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	183.8	172.6	163.6	155.8	146.2	135.7	122.5	109.3	96.0	82.4	69.1
-25°	179.9	170.1	161.7	153.3	143.4	132.5	120.0	107.2	94.0	80.4	67.5
-27.5°	176.5	167.3	159.2	150.7	140.7	129.3	117.3	104.7	91.7	78.3	65.7
-30°	173.1	164.3	156.2	147.8	137.9	126.1	114.4	101.9	89.1	76.1	63.7
-32.5°	168.8	160.6	153.0	144.5	134.3	122.5	111.1	98.8	86.2	73.6	61.6
-35°	164.0	156.8	149.8	141.0	130.0	118.5	107.2	95.4	83.1	70.9	59.4
-37.5°	159.1	152.6	145.8	136.7	125.4	113.9	102.8	91.5	79.8	68.0	57.1
-40°	154.2	148.0	141.3	131.3	120.0	108.9	98.2	87.4	76.3	64.9	54.6
-42.5°	149.0	143.2	135.4	125.4	114.1	103.6	93.4	83.2	72.5	61.8	51.9
-45°	143.9	137.6	129.0	118.6	107.8	98.1	88.6	78.8	68.6	58.6	49.1
-47.5°	138.4	131.0	122.0	111.7	101.6	92.5	83.7	74.4	64.6	55.3	46.2
-50°	131.6	123.8	114.5	105.1	95.6	87.1	78.7	69.8	60.7	51.9	43.2
-52.5°	123.8	115.8	107.1	98.3	89.6	81.6	73.6	65.1	56.5	48.2	40.0
-55°	115.4	107.8	99.6	91.3	83.4	76.0	68.4	60.3	52.2	44.4	36.8
-57.5°	106.4	99.5	91.7	84.0	76.9	70.2	62.9	55.2	47.7	40.5	33.8
-60°	96.6	90.1	83.1	76.6	70.3	63.8	57.0	49.9	43.0	36.5	30.8
-62.5°	86.3	80.5	74.8	69.1	63.1	57.0	50.9	44.5	38.2	32.9	27.6
-65°	76.0	71.1	66.4	60.8	55.3	50.0	44.7	38.9	33.9	29.2	24.5
-67.5°	65.4	61.5	57.0	52.1	47.7	43.2	38.3	33.9	29.7	25.4	21.6
-70°	55.7	51.9	48.1	44.4	40.5	36.5	32.9	29.2	25.4	22.0	18.7
-72.5°	46.5	43.4	40.2	36.9	33.9	30.8	27.6	24.5	21.6	18.7	15.7
-75°	37.6	35.2	32.8	30.2	27.6	25.0	22.7	20.2	17.7	15.2	13.0
-77.5°	29.6	27.7	25.6	23.8	21.9	19.9	18.0	15.9	14.0	12.2	10.4
-80°	21.8	20.5	19.2	17.9	16.4	14.8	13.5	12.1	10.7	9.2	7.8
-82.5°	14.1	13.6	13.0	12.4	11.4	10.4	9.4	8.4	7.3	6.2	5.4
-85°	8.7	8.3	7.8	7.3	6.7	6.0	5.5	5.1	4.6	4.1	3.6
-87.5°	4.1	3.9	3.7	3.4	3.2	3.0	2.8	2.5	2.3	2.1	1.8
-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: P626789 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-NR-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°	1.6	1.3	1.0	0.8	0.5	0.2	0.0
85°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
82.5°	4.6	3.9	3.1	2.3	1.6	0.7	0.0
80°	6.3	5.2	4.1	3.1	2.1	0.9	0.0
77.5°	8.5	6.6	5.2	3.9	2.6	1.1	0.0
75°	10.7	8.4	6.2	4.6	3.1	1.4	0.0
72.5°	12.9	10.2	7.6	5.4	3.6	1.6	0.0
70°	15.1	11.9	8.9	6.2	4.0	1.8	0.0
67.5°	17.6	13.6	10.2	7.1	4.5	2.0	0.0
65°	20.0	15.4	11.5	8.0	4.9	2.2	0.0
62.5°	22.4	17.4	12.7	8.9	5.4	2.4	0.0
60°	24.7	19.3	13.9	9.8	5.8	2.6	0.0
57.5°	27.3	21.2	15.4	10.6	6.3	2.8	0.0
55°	29.9	23.1	16.9	11.4	6.9	2.9	0.0
52.5°	32.3	24.9	18.3	12.2	7.4	3.1	0.0
50°	34.7	26.9	19.7	13.0	7.9	3.3	0.0
47.5°	37.0	28.8	21.0	13.7	8.3	3.4	0.0
45°	39.5	30.6	22.3	14.7	8.8	3.6	0.0
42.5°	41.9	32.4	23.5	15.6	9.3	3.7	0.0
40°	44.2	34.1	24.7	16.5	9.7	3.8	0.0
37.5°	46.3	35.6	26.0	17.3	10.1	3.9	0.0
35°	48.4	37.3	27.2	18.1	10.5	4.0	0.0
32.5°	50.3	38.8	28.3	18.9	10.9	4.1	0.0
30°	52.0	40.3	29.3	19.6	11.2	4.2	0.0
27.5°	53.6	41.6	30.3	20.3	11.5	4.3	0.0
25°	55.1	42.9	31.3	20.9	11.8	4.4	0.0
22.5°	56.5	44.0	32.1	21.4	12.1	4.4	0.0
20°	57.7	45.0	32.9	21.9	12.4	4.5	0.0
17.5°	58.7	45.8	33.6	22.3	12.6	4.5	0.0
15°	59.5	46.5	34.1	22.7	12.8	4.5	0.0
12.5°	60.1	47.0	34.7	23.1	13.0	4.6	0.0
10°	60.6	47.4	35.1	23.3	13.1	4.6	0.0
7.5°	61.0	47.7	35.4	23.5	13.3	4.6	0.0
5°	61.2	47.8	35.6	23.7	13.3	4.5	0.0
2.5°	61.2	47.8	35.8	23.8	13.4	4.5	0.0
0°	61.1	47.7	35.8	23.8	13.4	4.5	0.0
-2.5°	61.2	47.8	35.8	23.8	13.4	4.5	0.0
-5°	61.2	47.8	35.6	23.7	13.3	4.5	0.0
-7.5°	61.0	47.7	35.4	23.5	13.3	4.6	0.0
-10°	60.6	47.4	35.1	23.3	13.1	4.6	0.0
-12.5°	60.1	47.0	34.7	23.1	13.0	4.6	0.0
-15°	59.5	46.5	34.1	22.7	12.8	4.5	0.0
-17.5°	58.7	45.8	33.6	22.3	12.6	4.5	0.0
-20°	57.7	45.0	32.9	21.9	12.4	4.5	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626789 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	56.5	44.0	32.1	21.4	12.1	4.4	0.0
-25°	55.1	42.9	31.3	20.9	11.8	4.4	0.0
-27.5°	53.6	41.6	30.3	20.3	11.5	4.3	0.0
-30°	52.0	40.3	29.3	19.6	11.2	4.2	0.0
-32.5°	50.3	38.8	28.3	18.9	10.9	4.1	0.0
-35°	48.4	37.3	27.2	18.1	10.5	4.0	0.0
-37.5°	46.3	35.6	26.0	17.3	10.1	3.9	0.0
-40°	44.2	34.1	24.7	16.5	9.7	3.8	0.0
-42.5°	41.9	32.4	23.5	15.6	9.3	3.7	0.0
-45°	39.5	30.6	22.3	14.7	8.8	3.6	0.0
-47.5°	37.0	28.8	21.0	13.7	8.3	3.4	0.0
-50°	34.7	26.9	19.7	13.0	7.9	3.3	0.0
-52.5°	32.3	24.9	18.3	12.2	7.4	3.1	0.0
-55°	29.9	23.1	16.9	11.4	6.9	2.9	0.0
-57.5°	27.3	21.2	15.4	10.6	6.3	2.8	0.0
-60°	24.7	19.3	13.9	9.8	5.8	2.6	0.0
-62.5°	22.4	17.4	12.7	8.9	5.4	2.4	0.0
-65°	20.0	15.4	11.5	8.0	4.9	2.2	0.0
-67.5°	17.6	13.6	10.2	7.1	4.5	2.0	0.0
-70°	15.1	11.9	8.9	6.2	4.0	1.8	0.0
-72.5°	12.9	10.2	7.6	5.4	3.6	1.6	0.0
-75°	10.7	8.4	6.2	4.6	3.1	1.4	0.0
-77.5°	8.5	6.6	5.2	3.9	2.6	1.1	0.0
-80°	6.3	5.2	4.1	3.1	2.1	0.9	0.0
-82.5°	4.6	3.9	3.1	2.3	1.6	0.7	0.0
-85°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
-87.5°	1.6	1.3	1.0	0.8	0.5	0.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)