

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: P626683 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-735-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626683 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1C-735-U-WR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N23
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

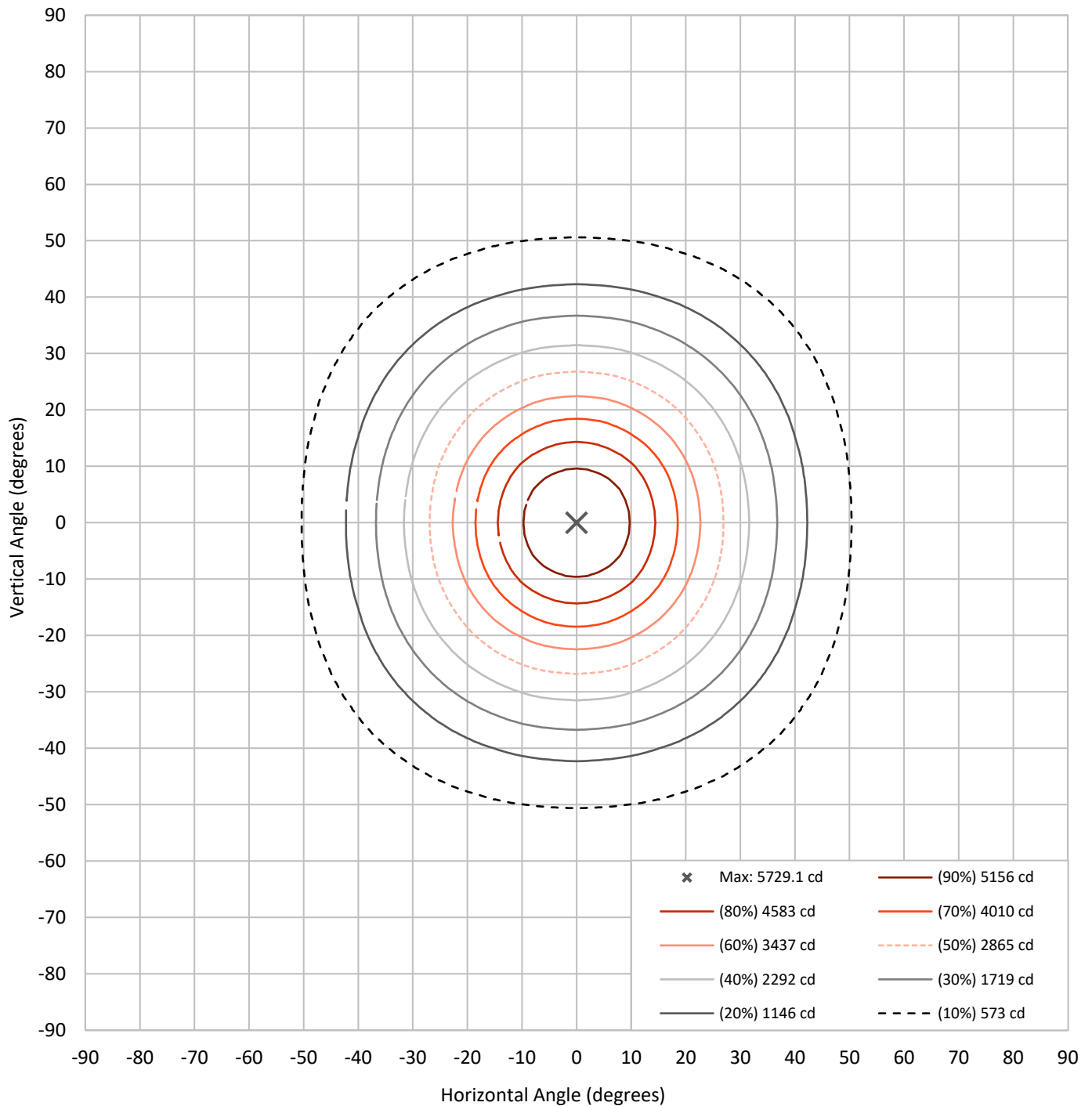
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	5830.9 lumens	Max Intensity:	5729.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	134.0 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	2788 lumens	Field Lumens:	5145.9 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	43.5		
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





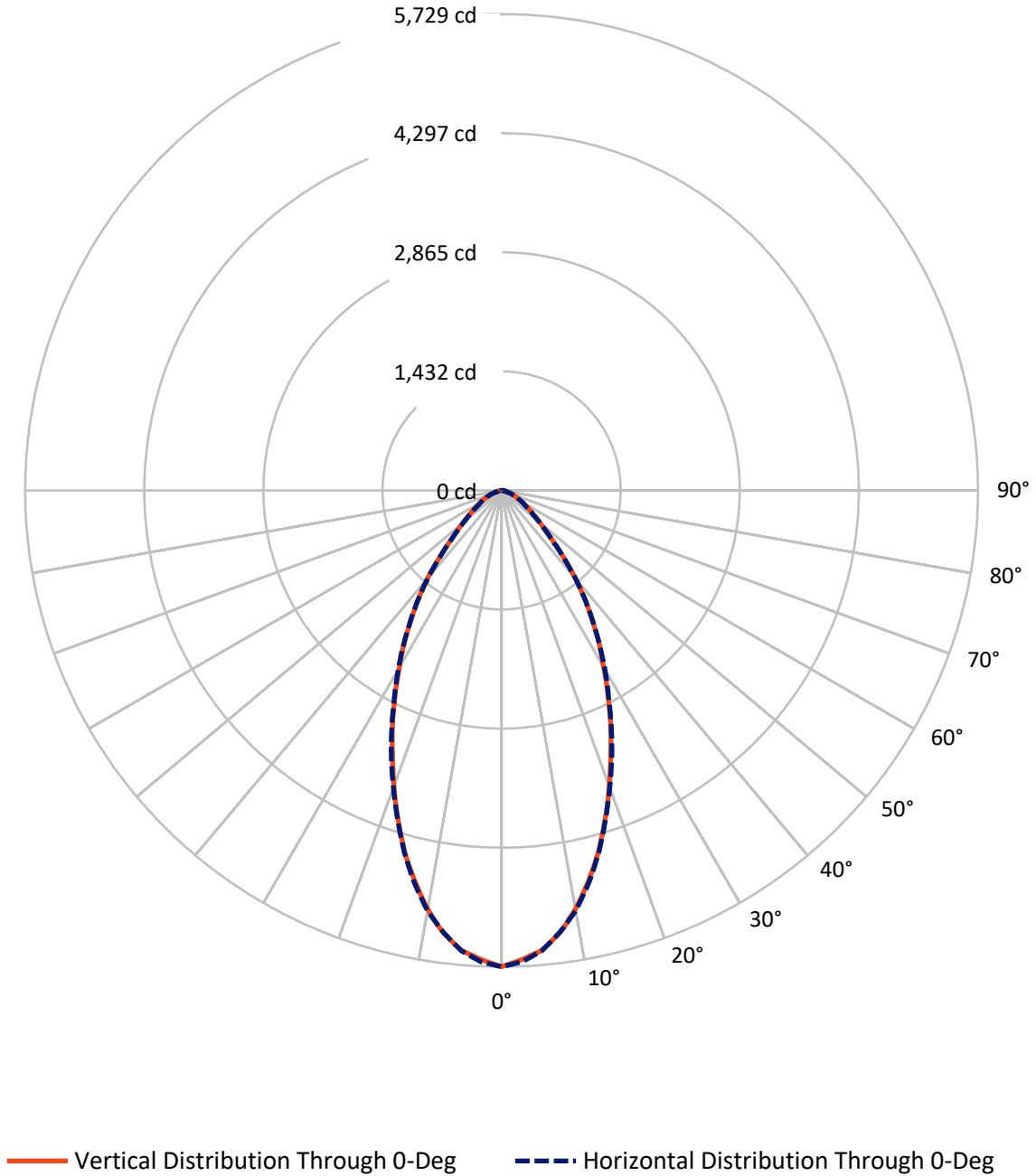
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Lumen Table

90																			
80	0.2	1.6		3.7		6.1		5.2		6.1		3.7		1.6		0.2			
70																			
60	0.8	0.9	1.7	2.7	3.9	5.0	5.9	6.3	6.3	5.9	5.0	3.9	2.7	1.7	0.9	0.8			
50		1.3	2.5	4.4	6.7	9.2	11.5	12.8	12.8	11.5	9.2	6.7	4.4	2.5	1.3				
40	1.1	1.6	3.5	6.5	11.0	16.9	23.3	27.6	27.6	23.3	16.9	11.0	6.5	3.5	1.6	1.1			
30		2.0	4.6	9.5	18.5	32.8	47.7	56.6	56.6	47.7	32.8	18.5	9.5	4.6	2.0				
20	1.3	2.3	5.7	13.3	29.9	53.7	76.8	91.9	91.9	76.8	53.7	29.9	13.3	5.7	2.3	1.3			
10		2.5	6.7	17.2	40.8	72.5	107.1	131.7	131.7	107.1	72.5	40.8	17.2	6.7	2.5				
0	1.4	2.7	7.2	19.8	46.9	84.3	128.3	161.3	161.3	128.3	84.3	46.9	19.8	7.2	2.7	1.4			
-10		2.7	7.2	19.8	46.9	84.3	128.3	161.3	161.3	128.3	84.3	46.9	19.8	7.2	2.7				
-20	1.3	2.5	6.7	17.2	40.8	72.5	107.1	131.7	131.7	107.1	72.5	40.8	17.2	6.7	2.5	1.3			
-30		2.3	5.7	13.3	29.9	53.7	76.8	91.9	91.9	76.8	53.7	29.9	13.3	5.7	2.3				
-40	1.1	2.0	4.6	9.5	18.5	32.8	47.7	56.6	56.6	47.7	32.8	18.5	9.5	4.6	2.0	1.1			
-50		1.6	3.5	6.5	11.0	16.9	23.3	27.6	27.6	23.3	16.9	11.0	6.5	3.5	1.6				
-60	0.8	1.3	2.5	4.4	6.7	9.2	11.5	12.8	12.8	11.5	9.2	6.7	4.4	2.5	1.3	0.8			
-70		0.9	1.7	2.7	3.9	5.0	5.9	6.3	6.3	5.9	5.0	3.9	2.7	1.7	0.9				
-80																			
-90	0.2	1.6		3.7		6.1		5.2		6.1		3.7		1.6		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

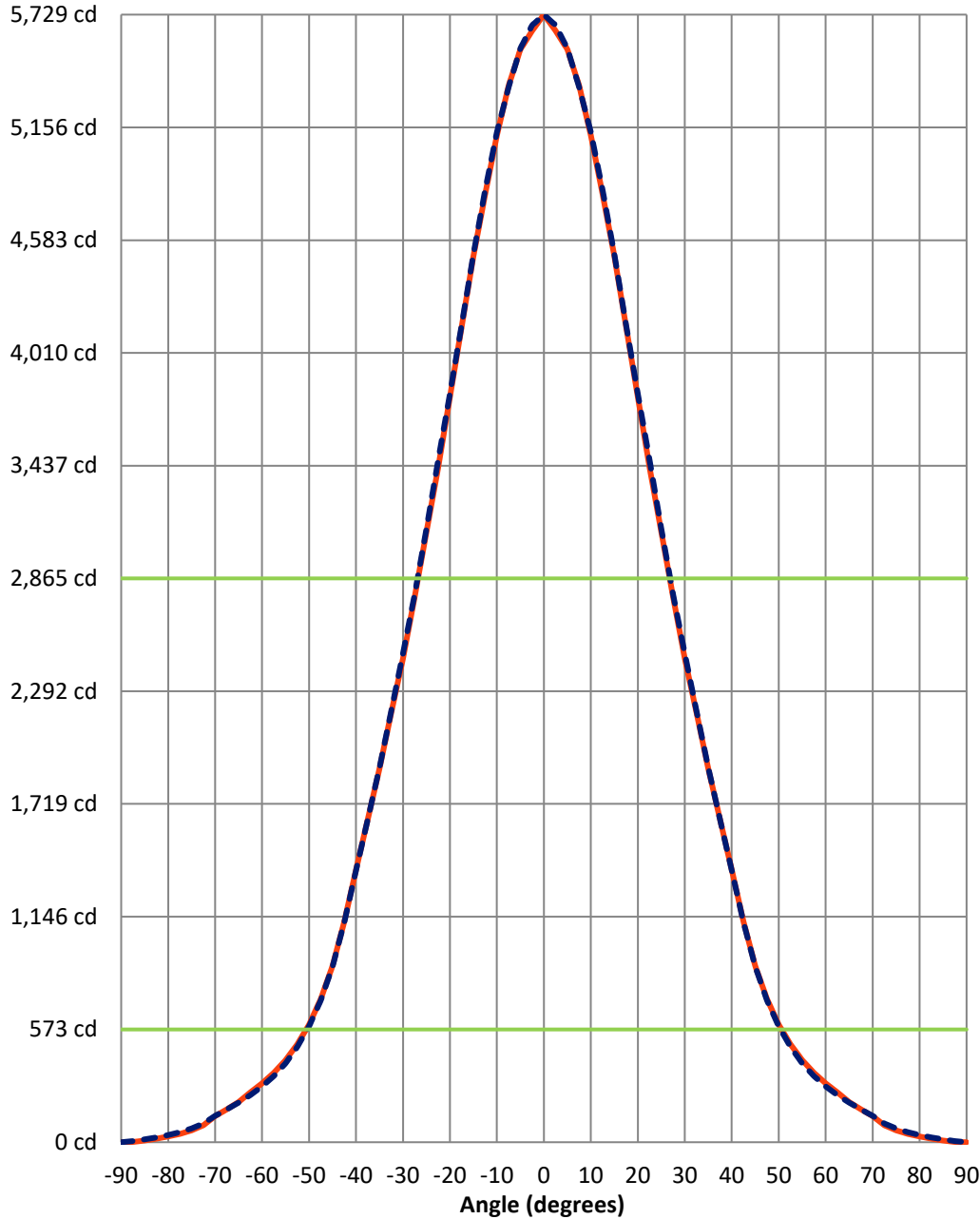
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 53.8°
V Angle: 53.6°
Lumens: 2788
Efficiency: 47.8%

Field:
H Angle: 100.8°
V Angle: 101.2°
Lumens: 5145.9
Efficiency: 88.3%

Spill:
Lumens: 684.9
Efficiency: 11.7%

- 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	0.3	0.7	1.1	1.6	2.1	2.7	3.0	3.2	3.4	3.6
85°	0.0	0.6	1.3	2.2	3.2	4.2	5.4	6.0	6.5	6.9	7.2
82.5°	0.0	0.9	2.0	3.3	4.7	6.3	8.1	9.0	10.0	11.5	12.9
80°	0.0	1.2	2.7	4.3	6.3	8.4	11.0	13.7	16.0	18.1	20.0
77.5°	0.0	1.4	3.3	5.4	7.8	10.9	15.7	19.2	22.1	24.7	27.3
75°	0.0	1.7	3.9	6.5	9.4	14.3	20.4	24.7	28.2	31.7	35.5
72.5°	0.0	2.0	4.6	7.5	11.7	17.6	24.8	30.1	34.3	38.8	43.5
70°	0.0	2.3	5.2	8.5	13.9	20.7	29.0	35.2	40.3	45.7	52.1
67.5°	0.0	2.5	5.8	9.9	15.9	23.7	32.7	40.2	46.1	52.9	60.6
65°	0.0	2.8	6.3	11.1	17.9	26.5	36.2	45.1	51.9	59.8	68.6
62.5°	0.0	3.0	6.9	12.3	19.8	29.0	39.4	49.7	57.5	66.5	76.0
60°	0.0	3.3	7.4	13.5	21.5	31.3	42.5	54.1	62.8	72.9	83.3
57.5°	0.0	3.5	8.1	14.5	23.2	33.5	45.3	58.0	68.2	79.1	89.9
55°	0.0	3.7	8.7	15.5	24.7	35.6	47.8	61.1	73.4	85.0	96.3
52.5°	0.0	4.0	9.3	16.4	26.0	37.4	50.2	64.6	78.4	90.7	102.5
50°	0.0	4.2	9.9	17.2	27.3	39.1	52.3	67.8	83.3	96.2	109.3
47.5°	0.0	4.3	10.4	17.9	28.4	40.7	54.3	70.7	88.1	101.6	116.0
45°	0.0	4.5	10.9	18.7	29.4	42.0	56.5	73.3	91.5	107.4	122.5
42.5°	0.0	4.7	11.4	19.3	30.3	43.2	58.5	75.9	94.7	113.0	129.2
40°	0.0	4.9	11.9	20.0	31.0	44.2	60.2	78.4	97.8	118.2	135.7
37.5°	0.0	5.0	12.3	20.7	31.7	45.0	61.7	80.6	101.2	122.3	141.9
35°	0.0	5.1	12.7	21.4	32.3	45.9	63.0	82.6	104.5	126.8	148.2
32.5°	0.0	5.3	13.0	22.0	32.7	46.8	64.1	84.4	107.6	131.4	154.7
30°	0.0	5.4	13.4	22.6	33.0	47.5	65.3	86.1	110.5	136.1	160.7
27.5°	0.0	5.5	13.7	23.0	33.7	48.0	66.4	88.3	113.6	140.7	166.4
25°	0.0	5.5	13.9	23.5	34.4	48.3	67.2	90.2	117.0	145.3	171.7
22.5°	0.0	5.6	14.1	23.8	35.0	48.7	67.7	91.8	120.3	149.5	177.5
20°	0.0	5.7	14.3	24.1	35.5	49.5	68.1	93.3	123.4	153.2	182.7
17.5°	0.0	5.7	14.5	24.3	35.9	50.2	68.8	94.4	126.2	156.5	187.3
15°	0.0	5.8	14.6	24.5	36.3	50.8	69.7	95.5	128.8	159.4	191.2
12.5°	0.0	5.8	14.7	24.6	36.5	51.2	70.4	96.5	130.9	161.8	194.5
10°	0.0	5.8	14.7	24.7	36.7	51.5	70.8	97.0	132.6	163.7	197.2
7.5°	0.0	5.8	14.8	24.7	36.7	51.6	70.9	97.1	133.8	165.3	199.2
5°	0.0	5.8	14.7	24.6	36.7	51.5	70.9	96.9	134.4	166.3	200.6
2.5°	0.0	5.7	14.7	24.5	36.6	51.3	70.5	96.2	134.5	166.8	201.2
0°	0.0	5.7	14.6	24.3	36.4	51.0	70.0	95.2	134.0	166.8	201.2
-2.5°	0.0	5.7	14.7	24.5	36.6	51.3	70.5	96.2	134.5	166.8	201.2
-5°	0.0	5.8	14.7	24.6	36.7	51.5	70.9	96.9	134.4	166.3	200.6
-7.5°	0.0	5.8	14.8	24.7	36.7	51.6	70.9	97.1	133.8	165.3	199.2
-10°	0.0	5.8	14.7	24.7	36.7	51.5	70.8	97.0	132.6	163.7	197.2
-12.5°	0.0	5.8	14.7	24.6	36.5	51.2	70.4	96.5	130.9	161.8	194.5
-15°	0.0	5.8	14.6	24.5	36.3	50.8	69.7	95.5	128.8	159.4	191.2
-17.5°	0.0	5.7	14.5	24.3	35.9	50.2	68.8	94.4	126.2	156.5	187.3
-20°	0.0	5.7	14.3	24.1	35.5	49.5	68.1	93.3	123.4	153.2	182.7

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA1C-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.6	14.1	23.8	35.0	48.7	67.7	91.8	120.3	149.5	177.5
-25°	0.0	5.5	13.9	23.5	34.4	48.3	67.2	90.2	117.0	145.3	171.7
-27.5°	0.0	5.5	13.7	23.0	33.7	48.0	66.4	88.3	113.6	140.7	166.4
-30°	0.0	5.4	13.4	22.6	33.0	47.5	65.3	86.1	110.5	136.1	160.7
-32.5°	0.0	5.3	13.0	22.0	32.7	46.8	64.1	84.4	107.6	131.4	154.7
-35°	0.0	5.1	12.7	21.4	32.3	45.9	63.0	82.6	104.5	126.8	148.2
-37.5°	0.0	5.0	12.3	20.7	31.7	45.0	61.7	80.6	101.2	122.3	141.9
-40°	0.0	4.9	11.9	20.0	31.0	44.2	60.2	78.4	97.8	118.2	135.7
-42.5°	0.0	4.7	11.4	19.3	30.3	43.2	58.5	75.9	94.7	113.0	129.2
-45°	0.0	4.5	10.9	18.7	29.4	42.0	56.5	73.3	91.5	107.4	122.5
-47.5°	0.0	4.3	10.4	17.9	28.4	40.7	54.3	70.7	88.1	101.6	116.0
-50°	0.0	4.2	9.9	17.2	27.3	39.1	52.3	67.8	83.3	96.2	109.3
-52.5°	0.0	4.0	9.3	16.4	26.0	37.4	50.2	64.6	78.4	90.7	102.5
-55°	0.0	3.7	8.7	15.5	24.7	35.6	47.8	61.1	73.4	85.0	96.3
-57.5°	0.0	3.5	8.1	14.5	23.2	33.5	45.3	58.0	68.2	79.1	89.9
-60°	0.0	3.3	7.4	13.5	21.5	31.3	42.5	54.1	62.8	72.9	83.3
-62.5°	0.0	3.0	6.9	12.3	19.8	29.0	39.4	49.7	57.5	66.5	76.0
-65°	0.0	2.8	6.3	11.1	17.9	26.5	36.2	45.1	51.9	59.8	68.6
-67.5°	0.0	2.5	5.8	9.9	15.9	23.7	32.7	40.2	46.1	52.9	60.6
-70°	0.0	2.3	5.2	8.5	13.9	20.7	29.0	35.2	40.3	45.7	52.1
-72.5°	0.0	2.0	4.6	7.5	11.7	17.6	24.8	30.1	34.3	38.8	43.5
-75°	0.0	1.7	3.9	6.5	9.4	14.3	20.4	24.7	28.2	31.7	35.5
-77.5°	0.0	1.4	3.3	5.4	7.8	10.9	15.7	19.2	22.1	24.7	27.3
-80°	0.0	1.2	2.7	4.3	6.3	8.4	11.0	13.7	16.0	18.1	20.0
-82.5°	0.0	0.9	2.0	3.3	4.7	6.3	8.1	9.0	10.0	11.5	12.9
-85°	0.0	0.6	1.3	2.2	3.2	4.2	5.4	6.0	6.5	6.9	7.2
-87.5°	0.0	0.3	0.7	1.1	1.6	2.1	2.7	3.0	3.2	3.4	3.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	3.6	3.7	3.6	3.5	3.3	3.1	2.9	2.6	2.7	2.8	2.9
85°	7.3	7.3	7.9	8.5	8.7	8.8	8.6	8.2	9.3	10.5	11.8
82.5°	14.3	15.5	16.7	17.8	17.9	17.6	17.1	16.4	18.6	21.2	23.9
80°	21.9	23.7	25.8	27.8	28.2	28.0	27.4	26.4	29.2	33.2	37.6
77.5°	30.3	33.2	35.9	38.4	39.1	39.0	38.5	37.7	41.3	46.9	52.8
75°	39.2	42.7	46.2	49.3	50.6	50.7	50.5	51.4	56.2	62.7	68.5
72.5°	48.5	53.0	56.9	60.3	62.4	64.0	66.1	68.7	73.5	80.0	85.7
70°	58.4	63.4	67.5	71.2	74.5	78.0	82.4	86.9	92.0	98.4	104.3
67.5°	68.1	73.2	77.9	82.5	88.3	93.9	99.5	105.3	111.7	118.4	124.4
65°	77.2	82.9	88.6	95.2	102.8	109.2	116.0	123.6	132.0	139.6	146.5
62.5°	85.8	92.2	99.3	107.3	115.5	123.5	132.7	142.4	152.3	161.8	171.2
60°	93.1	101.1	109.6	118.7	128.2	139.0	149.8	161.4	173.1	184.6	196.2
57.5°	100.1	110.0	119.8	130.4	142.2	154.6	167.6	180.6	194.6	208.5	221.7
55°	107.4	119.0	130.2	142.7	156.3	170.9	185.5	201.3	216.8	234.2	250.4
52.5°	115.2	127.8	141.0	155.3	171.2	187.6	204.8	222.9	242.2	261.5	281.2
50°	122.8	137.0	151.7	168.9	186.6	205.3	225.2	246.3	268.7	291.1	314.9
47.5°	130.7	145.9	163.8	182.5	202.8	224.1	246.6	271.7	296.6	324.9	352.2
45°	138.6	156.0	175.5	197.2	219.5	243.5	270.2	297.7	329.5	361.5	397.4
42.5°	146.1	166.3	188.2	211.3	236.7	264.3	293.9	328.5	364.4	403.9	446.1
40°	154.7	176.0	200.7	226.6	254.1	285.6	321.2	359.6	403.4	450.3	498.2
37.5°	163.1	187.0	213.0	241.1	273.0	308.6	347.9	395.0	445.5	498.8	563.8
35°	170.9	197.4	225.7	256.5	291.1	332.2	379.3	431.3	489.6	558.2	634.2
32.5°	179.3	207.3	237.7	272.2	311.4	356.3	409.8	471.0	539.9	618.1	713.2
30°	187.7	217.5	249.7	287.0	330.5	382.6	443.3	511.0	590.2	688.3	799.9
27.5°	195.4	227.1	262.3	302.6	349.2	406.8	475.5	554.8	648.2	759.1	889.4
25°	202.6	235.8	273.8	317.5	369.7	432.9	507.4	595.2	706.2	838.4	998.8
22.5°	209.4	243.7	284.3	330.9	388.2	458.2	542.0	642.5	765.2	913.6	1105.9
20°	215.8	252.2	294.7	343.7	404.7	481.0	573.8	686.7	826.3	1001.9	1210.9
17.5°	221.4	259.8	304.5	357.5	423.2	504.2	603.8	725.6	880.7	1080.9	1307.9
15°	226.2	266.3	313.0	369.5	439.8	527.2	635.4	768.4	937.4	1152.6	1393.0
12.5°	230.3	271.7	320.2	379.6	453.8	546.7	662.3	806.5	992.7	1220.2	1467.7
10°	233.4	276.1	325.9	387.8	465.0	562.6	684.5	837.7	1038.6	1278.2	1530.9
7.5°	236.1	279.5	330.3	394.0	473.5	574.7	701.7	861.7	1074.6	1324.0	1579.4
5°	238.0	281.9	333.7	398.3	479.8	583.1	713.8	878.5	1100.1	1357.3	1612.6
2.5°	239.1	283.2	335.6	400.6	483.6	587.8	720.1	889.1	1114.2	1376.2	1632.6
0°	239.3	283.4	336.1	400.9	484.7	588.7	721.1	892.4	1117.1	1381.1	1639.9
-2.5°	239.1	283.2	335.6	400.6	483.6	587.8	720.1	889.1	1114.2	1376.2	1632.6
-5°	238.0	281.9	333.7	398.3	479.8	583.1	713.8	878.5	1100.1	1357.3	1612.6
-7.5°	236.1	279.5	330.3	394.0	473.5	574.7	701.7	861.7	1074.6	1324.0	1579.4
-10°	233.4	276.1	325.9	387.8	465.0	562.6	684.5	837.7	1038.6	1278.2	1530.9
-12.5°	230.3	271.7	320.2	379.6	453.8	546.7	662.3	806.5	992.7	1220.2	1467.7
-15°	226.2	266.3	313.0	369.5	439.8	527.2	635.4	768.4	937.4	1152.6	1393.0
-17.5°	221.4	259.8	304.5	357.5	423.2	504.2	603.8	725.6	880.7	1080.9	1307.9
-20°	215.8	252.2	294.7	343.7	404.7	481.0	573.8	686.7	826.3	1001.9	1210.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626683 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	209.4	243.7	284.3	330.9	388.2	458.2	542.0	642.5	765.2	913.6	1105.9
-25°	202.6	235.8	273.8	317.5	369.7	432.9	507.4	595.2	706.2	838.4	998.8
-27.5°	195.4	227.1	262.3	302.6	349.2	406.8	475.5	554.8	648.2	759.1	889.4
-30°	187.7	217.5	249.7	287.0	330.5	382.6	443.3	511.0	590.2	688.3	799.9
-32.5°	179.3	207.3	237.7	272.2	311.4	356.3	409.8	471.0	539.9	618.1	713.2
-35°	170.9	197.4	225.7	256.5	291.1	332.2	379.3	431.3	489.6	558.2	634.2
-37.5°	163.1	187.0	213.0	241.1	273.0	308.6	347.9	395.0	445.5	498.8	563.8
-40°	154.7	176.0	200.7	226.6	254.1	285.6	321.2	359.6	403.4	450.3	498.2
-42.5°	146.1	166.3	188.2	211.3	236.7	264.3	293.9	328.5	364.4	403.9	446.1
-45°	138.6	156.0	175.5	197.2	219.5	243.5	270.2	297.7	329.5	361.5	397.4
-47.5°	130.7	145.9	163.8	182.5	202.8	224.1	246.6	271.7	296.6	324.9	352.2
-50°	122.8	137.0	151.7	168.9	186.6	205.3	225.2	246.3	268.7	291.1	314.9
-52.5°	115.2	127.8	141.0	155.3	171.2	187.6	204.8	222.9	242.2	261.5	281.2
-55°	107.4	119.0	130.2	142.7	156.3	170.9	185.5	201.3	216.8	234.2	250.4
-57.5°	100.1	110.0	119.8	130.4	142.2	154.6	167.6	180.6	194.6	208.5	221.7
-60°	93.1	101.1	109.6	118.7	128.2	139.0	149.8	161.4	173.1	184.6	196.2
-62.5°	85.8	92.2	99.3	107.3	115.5	123.5	132.7	142.4	152.3	161.8	171.2
-65°	77.2	82.9	88.6	95.2	102.8	109.2	116.0	123.6	132.0	139.6	146.5
-67.5°	68.1	73.2	77.9	82.5	88.3	93.9	99.5	105.3	111.7	118.4	124.4
-70°	58.4	63.4	67.5	71.2	74.5	78.0	82.4	86.9	92.0	98.4	104.3
-72.5°	48.5	53.0	56.9	60.3	62.4	64.0	66.1	68.7	73.5	80.0	85.7
-75°	39.2	42.7	46.2	49.3	50.6	50.7	50.5	51.4	56.2	62.7	68.5
-77.5°	30.3	33.2	35.9	38.4	39.1	39.0	38.5	37.7	41.3	46.9	52.8
-80°	21.9	23.7	25.8	27.8	28.2	28.0	27.4	26.4	29.2	33.2	37.6
-82.5°	14.3	15.5	16.7	17.8	17.9	17.6	17.1	16.4	18.6	21.2	23.9
-85°	7.3	7.3	7.9	8.5	8.7	8.8	8.6	8.2	9.3	10.5	11.8
-87.5°	3.6	3.7	3.6	3.5	3.3	3.1	2.9	2.6	2.7	2.8	2.9
-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: P626683 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-WR-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°	2.9	2.9	2.8	2.7	2.5	2.5	2.4	2.4	2.3	2.1	2.0
85°	13.1	13.4	13.6	13.7	13.7	14.1	14.6	14.9	15.3	13.8	12.3
82.5°	26.7	28.0	29.1	30.2	31.3	32.1	32.6	33.0	33.3	30.1	26.6
80°	42.1	44.8	47.0	49.1	51.1	51.6	51.5	51.2	50.7	46.4	41.5
77.5°	58.6	62.1	64.8	67.5	70.2	71.2	71.7	72.0	72.3	66.9	60.4
75°	73.5	77.7	81.5	85.1	88.4	90.1	91.1	92.0	92.6	87.3	80.2
72.5°	90.6	95.0	99.1	103.1	106.5	108.9	110.4	111.6	112.6	109.5	105.1
70°	109.3	113.9	118.3	122.4	126.3	129.4	131.8	133.9	135.7	136.0	135.9
67.5°	130.1	135.5	140.7	145.2	149.9	154.2	158.1	161.3	163.8	165.5	166.5
65°	153.5	161.5	168.6	174.7	179.7	185.6	190.8	194.7	197.4	199.5	201.4
62.5°	180.9	190.7	198.8	206.9	215.3	223.3	228.4	233.4	238.4	243.0	247.0
60°	207.4	218.1	229.2	239.4	249.0	257.7	266.8	274.8	281.9	287.8	292.1
57.5°	235.7	248.6	261.2	274.2	286.5	298.0	309.2	319.6	328.5	336.0	342.2
55°	266.3	282.1	297.0	313.6	329.7	344.4	357.9	371.7	384.2	395.2	403.9
52.5°	299.3	319.9	339.7	359.2	380.0	398.8	415.7	434.8	451.8	465.9	476.8
50°	338.7	363.0	389.0	413.2	439.5	465.4	489.3	512.4	534.9	554.5	570.3
47.5°	383.6	413.4	445.8	477.8	510.4	545.8	577.4	606.7	638.3	665.7	687.7
45°	433.5	471.6	510.6	555.5	597.0	642.4	684.5	722.3	767.1	806.6	838.4
42.5°	488.9	539.5	590.8	647.5	702.5	760.2	821.5	875.9	935.3	992.0	1037.8
40°	557.5	618.0	686.8	755.4	834.3	908.4	997.7	1078.8	1152.5	1220.1	1275.5
37.5°	633.7	711.7	798.0	887.3	995.3	1101.2	1205.7	1304.4	1391.5	1465.5	1527.5
35°	720.3	819.3	923.9	1054.3	1180.8	1307.6	1425.7	1533.5	1628.3	1711.7	1782.7
32.5°	819.9	938.7	1085.1	1231.6	1375.9	1515.5	1645.1	1762.8	1866.7	1960.4	2042.0
30°	924.5	1086.7	1251.0	1411.7	1569.3	1722.2	1864.5	1994.0	2111.5	2215.8	2309.9
27.5°	1057.6	1237.2	1416.5	1589.7	1763.0	1930.4	2084.5	2228.5	2363.3	2481.2	2588.7
25°	1186.2	1384.7	1575.2	1764.1	1952.8	2132.4	2304.9	2467.5	2621.8	2757.1	2877.1
22.5°	1314.9	1522.6	1726.2	1929.3	2132.0	2332.3	2525.9	2712.1	2884.7	3038.9	3174.0
20°	1434.0	1651.1	1868.9	2087.8	2307.6	2526.8	2744.2	2953.8	3146.1	3324.1	3480.4
17.5°	1540.8	1771.8	2002.6	2236.8	2475.0	2713.0	2954.5	3189.5	3409.4	3611.8	3793.2
15°	1635.4	1876.4	2124.3	2377.0	2632.9	2891.3	3154.8	3417.7	3665.2	3895.2	4097.7
12.5°	1718.1	1968.7	2228.5	2497.0	2774.7	3056.2	3343.8	3632.0	3906.0	4171.5	4390.1
10°	1786.3	2047.1	2318.7	2600.8	2893.7	3196.7	3505.2	3815.5	4117.3	4399.0	4649.0
7.5°	1839.0	2109.6	2389.4	2682.9	2990.1	3309.6	3636.5	3965.8	4287.9	4591.3	4868.0
5°	1876.2	2155.1	2438.4	2743.7	3061.5	3392.7	3732.4	4075.6	4412.2	4731.3	5018.0
2.5°	1897.8	2182.4	2466.9	2780.6	3104.0	3443.0	3791.9	4140.7	4486.3	4817.2	5111.8
0°	1903.5	2190.6	2483.3	2784.6	3117.4	3466.4	3802.9	4152.8	4511.9	4838.3	5131.8
-2.5°	1897.8	2182.4	2466.9	2780.6	3104.0	3443.0	3791.9	4140.7	4486.3	4817.2	5111.8
-5°	1876.2	2155.1	2438.4	2743.7	3061.5	3392.7	3732.4	4075.6	4412.2	4731.3	5018.0
-7.5°	1839.0	2109.6	2389.4	2682.9	2990.1	3309.6	3636.5	3965.8	4287.9	4591.3	4868.0
-10°	1786.3	2047.1	2318.7	2600.8	2893.7	3196.7	3505.2	3815.5	4117.3	4399.0	4649.0
-12.5°	1718.1	1968.7	2228.5	2497.0	2774.7	3056.2	3343.8	3632.0	3906.0	4171.5	4390.1
-15°	1635.4	1876.4	2124.3	2377.0	2632.9	2891.3	3154.8	3417.7	3665.2	3895.2	4097.7
-17.5°	1540.8	1771.8	2002.6	2236.8	2475.0	2713.0	2954.5	3189.5	3409.4	3611.8	3793.2
-20°	1434.0	1651.1	1868.9	2087.8	2307.6	2526.8	2744.2	2953.8	3146.1	3324.1	3480.4

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626683 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1314.9	1522.6	1726.2	1929.3	2132.0	2332.3	2525.9	2712.1	2884.7	3038.9	3174.0
-25°	1186.2	1384.7	1575.2	1764.1	1952.8	2132.4	2304.9	2467.5	2621.8	2757.1	2877.1
-27.5°	1057.6	1237.2	1416.5	1589.7	1763.0	1930.4	2084.5	2228.5	2363.3	2481.2	2588.7
-30°	924.5	1086.7	1251.0	1411.7	1569.3	1722.2	1864.5	1994.0	2111.5	2215.8	2309.9
-32.5°	819.9	938.7	1085.1	1231.6	1375.9	1515.5	1645.1	1762.8	1866.7	1960.4	2042.0
-35°	720.3	819.3	923.9	1054.3	1180.8	1307.6	1425.7	1533.5	1628.3	1711.7	1782.7
-37.5°	633.7	711.7	798.0	887.3	995.3	1101.2	1205.7	1304.4	1391.5	1465.5	1527.5
-40°	557.5	618.0	686.8	755.4	834.3	908.4	997.7	1078.8	1152.5	1220.1	1275.5
-42.5°	488.9	539.5	590.8	647.5	702.5	760.2	821.5	875.9	935.3	992.0	1037.8
-45°	433.5	471.6	510.6	555.5	597.0	642.4	684.5	722.3	767.1	806.6	838.4
-47.5°	383.6	413.4	445.8	477.8	510.4	545.8	577.4	606.7	638.3	665.7	687.7
-50°	338.7	363.0	389.0	413.2	439.5	465.4	489.3	512.4	534.9	554.5	570.3
-52.5°	299.3	319.9	339.7	359.2	380.0	398.8	415.7	434.8	451.8	465.9	476.8
-55°	266.3	282.1	297.0	313.6	329.7	344.4	357.9	371.7	384.2	395.2	403.9
-57.5°	235.7	248.6	261.2	274.2	286.5	298.0	309.2	319.6	328.5	336.0	342.2
-60°	207.4	218.1	229.2	239.4	249.0	257.7	266.8	274.8	281.9	287.8	292.1
-62.5°	180.9	190.7	198.8	206.9	215.3	223.3	228.4	233.4	238.4	243.0	247.0
-65°	153.5	161.5	168.6	174.7	179.7	185.6	190.8	194.7	197.4	199.5	201.4
-67.5°	130.1	135.5	140.7	145.2	149.9	154.2	158.1	161.3	163.8	165.5	166.5
-70°	109.3	113.9	118.3	122.4	126.3	129.4	131.8	133.9	135.7	136.0	135.9
-72.5°	90.6	95.0	99.1	103.1	106.5	108.9	110.4	111.6	112.6	109.5	105.1
-75°	73.5	77.7	81.5	85.1	88.4	90.1	91.1	92.0	92.6	87.3	80.2
-77.5°	58.6	62.1	64.8	67.5	70.2	71.2	71.7	72.0	72.3	66.9	60.4
-80°	42.1	44.8	47.0	49.1	51.1	51.6	51.5	51.2	50.7	46.4	41.5
-82.5°	26.7	28.0	29.1	30.2	31.3	32.1	32.6	33.0	33.3	30.1	26.6
-85°	13.1	13.4	13.6	13.7	13.7	14.1	14.6	14.9	15.3	13.8	12.3
-87.5°	2.9	2.9	2.8	2.7	2.5	2.5	2.4	2.4	2.3	2.1	2.0
-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: P626683 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-735-U-WR-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°	1.8	1.6	1.4	1.2	1.4	1.6	1.8	2.0	2.1	2.3	2.4
85°	10.6	8.9	8.7	8.5	8.7	8.9	10.6	12.3	13.8	15.3	14.9
82.5°	22.8	19.0	18.4	17.8	18.4	19.0	22.8	26.6	30.1	33.3	33.0
80°	36.4	31.2	30.2	29.2	30.2	31.2	36.4	41.5	46.4	50.7	51.2
77.5°	53.5	46.3	44.1	42.1	44.1	46.3	53.5	60.4	66.9	72.3	72.0
75°	72.9	65.3	62.7	60.3	62.7	65.3	72.9	80.2	87.3	92.6	92.0
72.5°	100.7	96.1	91.3	86.2	91.3	96.1	100.7	105.1	109.5	112.6	111.6
70°	135.7	135.4	134.2	132.4	134.2	135.4	135.7	135.9	136.0	135.7	133.9
67.5°	166.9	166.7	167.1	167.2	167.1	166.7	166.9	166.5	165.5	163.8	161.3
65°	202.5	202.9	203.7	204.1	203.7	202.9	202.5	201.4	199.5	197.4	194.7
62.5°	250.1	252.2	253.2	253.1	253.2	252.2	250.1	247.0	243.0	238.4	233.4
60°	295.4	297.5	298.9	299.2	298.9	297.5	295.4	292.1	287.8	281.9	274.8
57.5°	347.0	350.6	352.4	352.7	352.4	350.6	347.0	342.2	336.0	328.5	319.6
55°	410.6	415.2	417.3	417.1	417.3	415.2	410.6	403.9	395.2	384.2	371.7
52.5°	485.1	490.8	495.0	497.6	495.0	490.8	485.1	476.8	465.9	451.8	434.8
50°	582.2	590.3	595.5	597.6	595.5	590.3	582.2	570.3	554.5	534.9	512.4
47.5°	703.7	714.5	722.5	728.0	722.5	714.5	703.7	687.7	665.7	638.3	606.7
45°	861.9	878.4	889.5	896.1	889.5	878.4	861.9	838.4	806.6	767.1	722.3
42.5°	1073.6	1099.1	1114.8	1120.8	1114.8	1099.1	1073.6	1037.8	992.0	935.3	875.9
40°	1319.3	1350.0	1370.1	1384.0	1370.1	1350.0	1319.3	1275.5	1220.1	1152.5	1078.8
37.5°	1575.1	1607.4	1627.0	1640.3	1627.0	1607.4	1575.1	1527.5	1465.5	1391.5	1304.4
35°	1836.2	1870.0	1888.3	1898.6	1888.3	1870.0	1836.2	1782.7	1711.7	1628.3	1533.5
32.5°	2104.3	2141.4	2161.4	2182.1	2161.4	2141.4	2104.3	2042.0	1960.4	1866.7	1762.8
30°	2384.2	2426.8	2447.7	2457.8	2447.7	2426.8	2384.2	2309.9	2215.8	2111.5	1994.0
27.5°	2675.4	2728.6	2754.7	2772.0	2754.7	2728.6	2675.4	2588.7	2481.2	2363.3	2228.5
25°	2978.5	3044.3	3074.3	3101.2	3074.3	3044.3	2978.5	2877.1	2757.1	2621.8	2467.5
22.5°	3293.0	3375.0	3409.7	3428.8	3409.7	3375.0	3293.0	3174.0	3038.9	2884.7	2712.1
20°	3615.6	3713.6	3761.9	3786.7	3761.9	3713.6	3615.6	3480.4	3324.1	3146.1	2953.8
17.5°	3945.6	4067.5	4129.9	4144.3	4129.9	4067.5	3945.6	3793.2	3611.8	3409.4	3189.5
15°	4269.5	4401.3	4475.1	4502.2	4475.1	4401.3	4269.5	4097.7	3895.2	3665.2	3417.7
12.5°	4576.2	4712.9	4801.1	4816.8	4801.1	4712.9	4576.2	4390.1	4171.5	3906.0	3632.0
10°	4854.4	4996.0	5093.4	5115.6	5093.4	4996.0	4854.4	4649.0	4399.0	4117.3	3815.5
7.5°	5087.0	5242.4	5350.0	5368.7	5350.0	5242.4	5087.0	4868.0	4591.3	4287.9	3965.8
5°	5257.2	5441.6	5530.0	5552.1	5530.0	5441.6	5257.2	5018.0	4731.3	4412.2	4075.6
2.5°	5350.5	5538.3	5661.0	5646.9	5661.0	5538.3	5350.5	5111.8	4817.2	4486.3	4140.7
0°	5361.0	5557.4	5674.8	5729.1	5674.8	5557.4	5361.0	5131.8	4838.3	4511.9	4152.8
-2.5°	5350.5	5538.3	5661.0	5646.9	5661.0	5538.3	5350.5	5111.8	4817.2	4486.3	4140.7
-5°	5257.2	5441.6	5530.0	5552.1	5530.0	5441.6	5257.2	5018.0	4731.3	4412.2	4075.6
-7.5°	5087.0	5242.4	5350.0	5368.7	5350.0	5242.4	5087.0	4868.0	4591.3	4287.9	3965.8
-10°	4854.4	4996.0	5093.4	5115.6	5093.4	4996.0	4854.4	4649.0	4399.0	4117.3	3815.5
-12.5°	4576.2	4712.9	4801.1	4816.8	4801.1	4712.9	4576.2	4390.1	4171.5	3906.0	3632.0
-15°	4269.5	4401.3	4475.1	4502.2	4475.1	4401.3	4269.5	4097.7	3895.2	3665.2	3417.7
-17.5°	3945.6	4067.5	4129.9	4144.3	4129.9	4067.5	3945.6	3793.2	3611.8	3409.4	3189.5
-20°	3615.6	3713.6	3761.9	3786.7	3761.9	3713.6	3615.6	3480.4	3324.1	3146.1	2953.8



REPORT NUMBER: P626683 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3293.0	3375.0	3409.7	3428.8	3409.7	3375.0	3293.0	3174.0	3038.9	2884.7	2712.1
-25°	2978.5	3044.3	3074.3	3101.2	3074.3	3044.3	2978.5	2877.1	2757.1	2621.8	2467.5
-27.5°	2675.4	2728.6	2754.7	2772.0	2754.7	2728.6	2675.4	2588.7	2481.2	2363.3	2228.5
-30°	2384.2	2426.8	2447.7	2457.8	2447.7	2426.8	2384.2	2309.9	2215.8	2111.5	1994.0
-32.5°	2104.3	2141.4	2161.4	2182.1	2161.4	2141.4	2104.3	2042.0	1960.4	1866.7	1762.8
-35°	1836.2	1870.0	1888.3	1898.6	1888.3	1870.0	1836.2	1782.7	1711.7	1628.3	1533.5
-37.5°	1575.1	1607.4	1627.0	1640.3	1627.0	1607.4	1575.1	1527.5	1465.5	1391.5	1304.4
-40°	1319.3	1350.0	1370.1	1384.0	1370.1	1350.0	1319.3	1275.5	1220.1	1152.5	1078.8
-42.5°	1073.6	1099.1	1114.8	1120.8	1114.8	1099.1	1073.6	1037.8	992.0	935.3	875.9
-45°	861.9	878.4	889.5	896.1	889.5	878.4	861.9	838.4	806.6	767.1	722.3
-47.5°	703.7	714.5	722.5	728.0	722.5	714.5	703.7	687.7	665.7	638.3	606.7
-50°	582.2	590.3	595.5	597.6	595.5	590.3	582.2	570.3	554.5	534.9	512.4
-52.5°	485.1	490.8	495.0	497.6	495.0	490.8	485.1	476.8	465.9	451.8	434.8
-55°	410.6	415.2	417.3	417.1	417.3	415.2	410.6	403.9	395.2	384.2	371.7
-57.5°	347.0	350.6	352.4	352.7	352.4	350.6	347.0	342.2	336.0	328.5	319.6
-60°	295.4	297.5	298.9	299.2	298.9	297.5	295.4	292.1	287.8	281.9	274.8
-62.5°	250.1	252.2	253.2	253.1	253.2	252.2	250.1	247.0	243.0	238.4	233.4
-65°	202.5	202.9	203.7	204.1	203.7	202.9	202.5	201.4	199.5	197.4	194.7
-67.5°	166.9	166.7	167.1	167.2	167.1	166.7	166.9	166.5	165.5	163.8	161.3
-70°	135.7	135.4	134.2	132.4	134.2	135.4	135.7	135.9	136.0	135.7	133.9
-72.5°	100.7	96.1	91.3	86.2	91.3	96.1	100.7	105.1	109.5	112.6	111.6
-75°	72.9	65.3	62.7	60.3	62.7	65.3	72.9	80.2	87.3	92.6	92.0
-77.5°	53.5	46.3	44.1	42.1	44.1	46.3	53.5	60.4	66.9	72.3	72.0
-80°	36.4	31.2	30.2	29.2	30.2	31.2	36.4	41.5	46.4	50.7	51.2
-82.5°	22.8	19.0	18.4	17.8	18.4	19.0	22.8	26.6	30.1	33.3	33.0
-85°	10.6	8.9	8.7	8.5	8.7	8.9	10.6	12.3	13.8	15.3	14.9
-87.5°	1.8	1.6	1.4	1.2	1.4	1.6	1.8	2.0	2.1	2.3	2.4
-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: P626683 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-735-U-WR-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°	2.4	2.5	2.5	2.7	2.8	2.9	2.9	2.9	2.8	2.7	2.6
85°	14.6	14.1	13.7	13.7	13.6	13.4	13.1	11.8	10.5	9.3	8.2
82.5°	32.6	32.1	31.3	30.2	29.1	28.0	26.7	23.9	21.2	18.6	16.4
80°	51.5	51.6	51.1	49.1	47.0	44.8	42.1	37.6	33.2	29.2	26.4
77.5°	71.7	71.2	70.2	67.5	64.8	62.1	58.6	52.8	46.9	41.3	37.7
75°	91.1	90.1	88.4	85.1	81.5	77.7	73.5	68.5	62.7	56.2	51.4
72.5°	110.4	108.9	106.5	103.1	99.1	95.0	90.6	85.7	80.0	73.5	68.7
70°	131.8	129.4	126.3	122.4	118.3	113.9	109.3	104.3	98.4	92.0	86.9
67.5°	158.1	154.2	149.9	145.2	140.7	135.5	130.1	124.4	118.4	111.7	105.3
65°	190.8	185.6	179.7	174.7	168.6	161.5	153.5	146.5	139.6	132.0	123.6
62.5°	228.4	223.3	215.3	206.9	198.8	190.7	180.9	171.2	161.8	152.3	142.4
60°	266.8	257.7	249.0	239.4	229.2	218.1	207.4	196.2	184.6	173.1	161.4
57.5°	309.2	298.0	286.5	274.2	261.2	248.6	235.7	221.7	208.5	194.6	180.6
55°	357.9	344.4	329.7	313.6	297.0	282.1	266.3	250.4	234.2	216.8	201.3
52.5°	415.7	398.8	380.0	359.2	339.7	319.9	299.3	281.2	261.5	242.2	222.9
50°	489.3	465.4	439.5	413.2	389.0	363.0	338.7	314.9	291.1	268.7	246.3
47.5°	577.4	545.8	510.4	477.8	445.8	413.4	383.6	352.2	324.9	296.6	271.7
45°	684.5	642.4	597.0	555.5	510.6	471.6	433.5	397.4	361.5	329.5	297.7
42.5°	821.5	760.2	702.5	647.5	590.8	539.5	488.9	446.1	403.9	364.4	328.5
40°	997.7	908.4	834.3	755.4	686.8	618.0	557.5	498.2	450.3	403.4	359.6
37.5°	1205.7	1101.2	995.3	887.3	798.0	711.7	633.7	563.8	498.8	445.5	395.0
35°	1425.7	1307.6	1180.8	1054.3	923.9	819.3	720.3	634.2	558.2	489.6	431.3
32.5°	1645.1	1515.5	1375.9	1231.6	1085.1	938.7	819.9	713.2	618.1	539.9	471.0
30°	1864.5	1722.2	1569.3	1411.7	1251.0	1086.7	924.5	799.9	688.3	590.2	511.0
27.5°	2084.5	1930.4	1763.0	1589.7	1416.5	1237.2	1057.6	889.4	759.1	648.2	554.8
25°	2304.9	2132.4	1952.8	1764.1	1575.2	1384.7	1186.2	998.8	838.4	706.2	595.2
22.5°	2525.9	2332.3	2132.0	1929.3	1726.2	1522.6	1314.9	1105.9	913.6	765.2	642.5
20°	2744.2	2526.8	2307.6	2087.8	1868.9	1651.1	1434.0	1210.9	1001.9	826.3	686.7
17.5°	2954.5	2713.0	2475.0	2236.8	2002.6	1771.8	1540.8	1307.9	1080.9	880.7	725.6
15°	3154.8	2891.3	2632.9	2377.0	2124.3	1876.4	1635.4	1393.0	1152.6	937.4	768.4
12.5°	3343.8	3056.2	2774.7	2497.0	2228.5	1968.7	1718.1	1467.7	1220.2	992.7	806.5
10°	3505.2	3196.7	2893.7	2600.8	2318.7	2047.1	1786.3	1530.9	1278.2	1038.6	837.7
7.5°	3636.5	3309.6	2990.1	2682.9	2389.4	2109.6	1839.0	1579.4	1324.0	1074.6	861.7
5°	3732.4	3392.7	3061.5	2743.7	2438.4	2155.1	1876.2	1612.6	1357.3	1100.1	878.5
2.5°	3791.9	3443.0	3104.0	2780.6	2466.9	2182.4	1897.8	1632.6	1376.2	1114.2	889.1
0°	3802.9	3466.4	3117.4	2784.6	2483.3	2190.6	1903.5	1639.9	1381.1	1117.1	892.4
-2.5°	3791.9	3443.0	3104.0	2780.6	2466.9	2182.4	1897.8	1632.6	1376.2	1114.2	889.1
-5°	3732.4	3392.7	3061.5	2743.7	2438.4	2155.1	1876.2	1612.6	1357.3	1100.1	878.5
-7.5°	3636.5	3309.6	2990.1	2682.9	2389.4	2109.6	1839.0	1579.4	1324.0	1074.6	861.7
-10°	3505.2	3196.7	2893.7	2600.8	2318.7	2047.1	1786.3	1530.9	1278.2	1038.6	837.7
-12.5°	3343.8	3056.2	2774.7	2497.0	2228.5	1968.7	1718.1	1467.7	1220.2	992.7	806.5
-15°	3154.8	2891.3	2632.9	2377.0	2124.3	1876.4	1635.4	1393.0	1152.6	937.4	768.4
-17.5°	2954.5	2713.0	2475.0	2236.8	2002.6	1771.8	1540.8	1307.9	1080.9	880.7	725.6
-20°	2744.2	2526.8	2307.6	2087.8	1868.9	1651.1	1434.0	1210.9	1001.9	826.3	686.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626683 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2525.9	2332.3	2132.0	1929.3	1726.2	1522.6	1314.9	1105.9	913.6	765.2	642.5
-25°	2304.9	2132.4	1952.8	1764.1	1575.2	1384.7	1186.2	998.8	838.4	706.2	595.2
-27.5°	2084.5	1930.4	1763.0	1589.7	1416.5	1237.2	1057.6	889.4	759.1	648.2	554.8
-30°	1864.5	1722.2	1569.3	1411.7	1251.0	1086.7	924.5	799.9	688.3	590.2	511.0
-32.5°	1645.1	1515.5	1375.9	1231.6	1085.1	938.7	819.9	713.2	618.1	539.9	471.0
-35°	1425.7	1307.6	1180.8	1054.3	923.9	819.3	720.3	634.2	558.2	489.6	431.3
-37.5°	1205.7	1101.2	995.3	887.3	798.0	711.7	633.7	563.8	498.8	445.5	395.0
-40°	997.7	908.4	834.3	755.4	686.8	618.0	557.5	498.2	450.3	403.4	359.6
-42.5°	821.5	760.2	702.5	647.5	590.8	539.5	488.9	446.1	403.9	364.4	328.5
-45°	684.5	642.4	597.0	555.5	510.6	471.6	433.5	397.4	361.5	329.5	297.7
-47.5°	577.4	545.8	510.4	477.8	445.8	413.4	383.6	352.2	324.9	296.6	271.7
-50°	489.3	465.4	439.5	413.2	389.0	363.0	338.7	314.9	291.1	268.7	246.3
-52.5°	415.7	398.8	380.0	359.2	339.7	319.9	299.3	281.2	261.5	242.2	222.9
-55°	357.9	344.4	329.7	313.6	297.0	282.1	266.3	250.4	234.2	216.8	201.3
-57.5°	309.2	298.0	286.5	274.2	261.2	248.6	235.7	221.7	208.5	194.6	180.6
-60°	266.8	257.7	249.0	239.4	229.2	218.1	207.4	196.2	184.6	173.1	161.4
-62.5°	228.4	223.3	215.3	206.9	198.8	190.7	180.9	171.2	161.8	152.3	142.4
-65°	190.8	185.6	179.7	174.7	168.6	161.5	153.5	146.5	139.6	132.0	123.6
-67.5°	158.1	154.2	149.9	145.2	140.7	135.5	130.1	124.4	118.4	111.7	105.3
-70°	131.8	129.4	126.3	122.4	118.3	113.9	109.3	104.3	98.4	92.0	86.9
-72.5°	110.4	108.9	106.5	103.1	99.1	95.0	90.6	85.7	80.0	73.5	68.7
-75°	91.1	90.1	88.4	85.1	81.5	77.7	73.5	68.5	62.7	56.2	51.4
-77.5°	71.7	71.2	70.2	67.5	64.8	62.1	58.6	52.8	46.9	41.3	37.7
-80°	51.5	51.6	51.1	49.1	47.0	44.8	42.1	37.6	33.2	29.2	26.4
-82.5°	32.6	32.1	31.3	30.2	29.1	28.0	26.7	23.9	21.2	18.6	16.4
-85°	14.6	14.1	13.7	13.7	13.6	13.4	13.1	11.8	10.5	9.3	8.2
-87.5°	2.4	2.5	2.5	2.7	2.8	2.9	2.9	2.9	2.8	2.7	2.6
-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: P626683 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-735-U-WR-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°	2.9	3.1	3.3	3.5	3.6	3.7	3.6	3.6	3.4	3.2	3.0
85°	8.6	8.8	8.7	8.5	7.9	7.3	7.3	7.2	6.9	6.5	6.0
82.5°	17.1	17.6	17.9	17.8	16.7	15.5	14.3	12.9	11.5	10.0	9.0
80°	27.4	28.0	28.2	27.8	25.8	23.7	21.9	20.0	18.1	16.0	13.7
77.5°	38.5	39.0	39.1	38.4	35.9	33.2	30.3	27.3	24.7	22.1	19.2
75°	50.5	50.7	50.6	49.3	46.2	42.7	39.2	35.5	31.7	28.2	24.7
72.5°	66.1	64.0	62.4	60.3	56.9	53.0	48.5	43.5	38.8	34.3	30.1
70°	82.4	78.0	74.5	71.2	67.5	63.4	58.4	52.1	45.7	40.3	35.2
67.5°	99.5	93.9	88.3	82.5	77.9	73.2	68.1	60.6	52.9	46.1	40.2
65°	116.0	109.2	102.8	95.2	88.6	82.9	77.2	68.6	59.8	51.9	45.1
62.5°	132.7	123.5	115.5	107.3	99.3	92.2	85.8	76.0	66.5	57.5	49.7
60°	149.8	139.0	128.2	118.7	109.6	101.1	93.1	83.3	72.9	62.8	54.1
57.5°	167.6	154.6	142.2	130.4	119.8	110.0	100.1	89.9	79.1	68.2	58.0
55°	185.5	170.9	156.3	142.7	130.2	119.0	107.4	96.3	85.0	73.4	61.1
52.5°	204.8	187.6	171.2	155.3	141.0	127.8	115.2	102.5	90.7	78.4	64.6
50°	225.2	205.3	186.6	168.9	151.7	137.0	122.8	109.3	96.2	83.3	67.8
47.5°	246.6	224.1	202.8	182.5	163.8	145.9	130.7	116.0	101.6	88.1	70.7
45°	270.2	243.5	219.5	197.2	175.5	156.0	138.6	122.5	107.4	91.5	73.3
42.5°	293.9	264.3	236.7	211.3	188.2	166.3	146.1	129.2	113.0	94.7	75.9
40°	321.2	285.6	254.1	226.6	200.7	176.0	154.7	135.7	118.2	97.8	78.4
37.5°	347.9	308.6	273.0	241.1	213.0	187.0	163.1	141.9	122.3	101.2	80.6
35°	379.3	332.2	291.1	256.5	225.7	197.4	170.9	148.2	126.8	104.5	82.6
32.5°	409.8	356.3	311.4	272.2	237.7	207.3	179.3	154.7	131.4	107.6	84.4
30°	443.3	382.6	330.5	287.0	249.7	217.5	187.7	160.7	136.1	110.5	86.1
27.5°	475.5	406.8	349.2	302.6	262.3	227.1	195.4	166.4	140.7	113.6	88.3
25°	507.4	432.9	369.7	317.5	273.8	235.8	202.6	171.7	145.3	117.0	90.2
22.5°	542.0	458.2	388.2	330.9	284.3	243.7	209.4	177.5	149.5	120.3	91.8
20°	573.8	481.0	404.7	343.7	294.7	252.2	215.8	182.7	153.2	123.4	93.3
17.5°	603.8	504.2	423.2	357.5	304.5	259.8	221.4	187.3	156.5	126.2	94.4
15°	635.4	527.2	439.8	369.5	313.0	266.3	226.2	191.2	159.4	128.8	95.5
12.5°	662.3	546.7	453.8	379.6	320.2	271.7	230.3	194.5	161.8	130.9	96.5
10°	684.5	562.6	465.0	387.8	325.9	276.1	233.4	197.2	163.7	132.6	97.0
7.5°	701.7	574.7	473.5	394.0	330.3	279.5	236.1	199.2	165.3	133.8	97.1
5°	713.8	583.1	479.8	398.3	333.7	281.9	238.0	200.6	166.3	134.4	96.9
2.5°	720.1	587.8	483.6	400.6	335.6	283.2	239.1	201.2	166.8	134.5	96.2
0°	721.1	588.7	484.7	400.9	336.1	283.4	239.3	201.2	166.8	134.0	95.2
-2.5°	720.1	587.8	483.6	400.6	335.6	283.2	239.1	201.2	166.8	134.5	96.2
-5°	713.8	583.1	479.8	398.3	333.7	281.9	238.0	200.6	166.3	134.4	96.9
-7.5°	701.7	574.7	473.5	394.0	330.3	279.5	236.1	199.2	165.3	133.8	97.1
-10°	684.5	562.6	465.0	387.8	325.9	276.1	233.4	197.2	163.7	132.6	97.0
-12.5°	662.3	546.7	453.8	379.6	320.2	271.7	230.3	194.5	161.8	130.9	96.5
-15°	635.4	527.2	439.8	369.5	313.0	266.3	226.2	191.2	159.4	128.8	95.5
-17.5°	603.8	504.2	423.2	357.5	304.5	259.8	221.4	187.3	156.5	126.2	94.4
-20°	573.8	481.0	404.7	343.7	294.7	252.2	215.8	182.7	153.2	123.4	93.3

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626683 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	542.0	458.2	388.2	330.9	284.3	243.7	209.4	177.5	149.5	120.3	91.8
-25°	507.4	432.9	369.7	317.5	273.8	235.8	202.6	171.7	145.3	117.0	90.2
-27.5°	475.5	406.8	349.2	302.6	262.3	227.1	195.4	166.4	140.7	113.6	88.3
-30°	443.3	382.6	330.5	287.0	249.7	217.5	187.7	160.7	136.1	110.5	86.1
-32.5°	409.8	356.3	311.4	272.2	237.7	207.3	179.3	154.7	131.4	107.6	84.4
-35°	379.3	332.2	291.1	256.5	225.7	197.4	170.9	148.2	126.8	104.5	82.6
-37.5°	347.9	308.6	273.0	241.1	213.0	187.0	163.1	141.9	122.3	101.2	80.6
-40°	321.2	285.6	254.1	226.6	200.7	176.0	154.7	135.7	118.2	97.8	78.4
-42.5°	293.9	264.3	236.7	211.3	188.2	166.3	146.1	129.2	113.0	94.7	75.9
-45°	270.2	243.5	219.5	197.2	175.5	156.0	138.6	122.5	107.4	91.5	73.3
-47.5°	246.6	224.1	202.8	182.5	163.8	145.9	130.7	116.0	101.6	88.1	70.7
-50°	225.2	205.3	186.6	168.9	151.7	137.0	122.8	109.3	96.2	83.3	67.8
-52.5°	204.8	187.6	171.2	155.3	141.0	127.8	115.2	102.5	90.7	78.4	64.6
-55°	185.5	170.9	156.3	142.7	130.2	119.0	107.4	96.3	85.0	73.4	61.1
-57.5°	167.6	154.6	142.2	130.4	119.8	110.0	100.1	89.9	79.1	68.2	58.0
-60°	149.8	139.0	128.2	118.7	109.6	101.1	93.1	83.3	72.9	62.8	54.1
-62.5°	132.7	123.5	115.5	107.3	99.3	92.2	85.8	76.0	66.5	57.5	49.7
-65°	116.0	109.2	102.8	95.2	88.6	82.9	77.2	68.6	59.8	51.9	45.1
-67.5°	99.5	93.9	88.3	82.5	77.9	73.2	68.1	60.6	52.9	46.1	40.2
-70°	82.4	78.0	74.5	71.2	67.5	63.4	58.4	52.1	45.7	40.3	35.2
-72.5°	66.1	64.0	62.4	60.3	56.9	53.0	48.5	43.5	38.8	34.3	30.1
-75°	50.5	50.7	50.6	49.3	46.2	42.7	39.2	35.5	31.7	28.2	24.7
-77.5°	38.5	39.0	39.1	38.4	35.9	33.2	30.3	27.3	24.7	22.1	19.2
-80°	27.4	28.0	28.2	27.8	25.8	23.7	21.9	20.0	18.1	16.0	13.7
-82.5°	17.1	17.6	17.9	17.8	16.7	15.5	14.3	12.9	11.5	10.0	9.0
-85°	8.6	8.8	8.7	8.5	7.9	7.3	7.3	7.2	6.9	6.5	6.0
-87.5°	2.9	3.1	3.3	3.5	3.6	3.7	3.6	3.6	3.4	3.2	3.0
-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-SA1C-735-U-WR-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°	2.7	2.1	1.6	1.1	0.7	0.3	0.0
85°	5.4	4.2	3.2	2.2	1.3	0.6	0.0
82.5°	8.1	6.3	4.7	3.3	2.0	0.9	0.0
80°	11.0	8.4	6.3	4.3	2.7	1.2	0.0
77.5°	15.7	10.9	7.8	5.4	3.3	1.4	0.0
75°	20.4	14.3	9.4	6.5	3.9	1.7	0.0
72.5°	24.8	17.6	11.7	7.5	4.6	2.0	0.0
70°	29.0	20.7	13.9	8.5	5.2	2.3	0.0
67.5°	32.7	23.7	15.9	9.9	5.8	2.5	0.0
65°	36.2	26.5	17.9	11.1	6.3	2.8	0.0
62.5°	39.4	29.0	19.8	12.3	6.9	3.0	0.0
60°	42.5	31.3	21.5	13.5	7.4	3.3	0.0
57.5°	45.3	33.5	23.2	14.5	8.1	3.5	0.0
55°	47.8	35.6	24.7	15.5	8.7	3.7	0.0
52.5°	50.2	37.4	26.0	16.4	9.3	4.0	0.0
50°	52.3	39.1	27.3	17.2	9.9	4.2	0.0
47.5°	54.3	40.7	28.4	17.9	10.4	4.3	0.0
45°	56.5	42.0	29.4	18.7	10.9	4.5	0.0
42.5°	58.5	43.2	30.3	19.3	11.4	4.7	0.0
40°	60.2	44.2	31.0	20.0	11.9	4.9	0.0
37.5°	61.7	45.0	31.7	20.7	12.3	5.0	0.0
35°	63.0	45.9	32.3	21.4	12.7	5.1	0.0
32.5°	64.1	46.8	32.7	22.0	13.0	5.3	0.0
30°	65.3	47.5	33.0	22.6	13.4	5.4	0.0
27.5°	66.4	48.0	33.7	23.0	13.7	5.5	0.0
25°	67.2	48.3	34.4	23.5	13.9	5.5	0.0
22.5°	67.7	48.7	35.0	23.8	14.1	5.6	0.0
20°	68.1	49.5	35.5	24.1	14.3	5.7	0.0
17.5°	68.8	50.2	35.9	24.3	14.5	5.7	0.0
15°	69.7	50.8	36.3	24.5	14.6	5.8	0.0
12.5°	70.4	51.2	36.5	24.6	14.7	5.8	0.0
10°	70.8	51.5	36.7	24.7	14.7	5.8	0.0
7.5°	70.9	51.6	36.7	24.7	14.8	5.8	0.0
5°	70.9	51.5	36.7	24.6	14.7	5.8	0.0
2.5°	70.5	51.3	36.6	24.5	14.7	5.7	0.0
0°	70.0	51.0	36.4	24.3	14.6	5.7	0.0
-2.5°	70.5	51.3	36.6	24.5	14.7	5.7	0.0
-5°	70.9	51.5	36.7	24.6	14.7	5.8	0.0
-7.5°	70.9	51.6	36.7	24.7	14.8	5.8	0.0
-10°	70.8	51.5	36.7	24.7	14.7	5.8	0.0
-12.5°	70.4	51.2	36.5	24.6	14.7	5.8	0.0
-15°	69.7	50.8	36.3	24.5	14.6	5.8	0.0
-17.5°	68.8	50.2	35.9	24.3	14.5	5.7	0.0
-20°	68.1	49.5	35.5	24.1	14.3	5.7	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	67.7	48.7	35.0	23.8	14.1	5.6	0.0
-25°	67.2	48.3	34.4	23.5	13.9	5.5	0.0
-27.5°	66.4	48.0	33.7	23.0	13.7	5.5	0.0
-30°	65.3	47.5	33.0	22.6	13.4	5.4	0.0
-32.5°	64.1	46.8	32.7	22.0	13.0	5.3	0.0
-35°	63.0	45.9	32.3	21.4	12.7	5.1	0.0
-37.5°	61.7	45.0	31.7	20.7	12.3	5.0	0.0
-40°	60.2	44.2	31.0	20.0	11.9	4.9	0.0
-42.5°	58.5	43.2	30.3	19.3	11.4	4.7	0.0
-45°	56.5	42.0	29.4	18.7	10.9	4.5	0.0
-47.5°	54.3	40.7	28.4	17.9	10.4	4.3	0.0
-50°	52.3	39.1	27.3	17.2	9.9	4.2	0.0
-52.5°	50.2	37.4	26.0	16.4	9.3	4.0	0.0
-55°	47.8	35.6	24.7	15.5	8.7	3.7	0.0
-57.5°	45.3	33.5	23.2	14.5	8.1	3.5	0.0
-60°	42.5	31.3	21.5	13.5	7.4	3.3	0.0
-62.5°	39.4	29.0	19.8	12.3	6.9	3.0	0.0
-65°	36.2	26.5	17.9	11.1	6.3	2.8	0.0
-67.5°	32.7	23.7	15.9	9.9	5.8	2.5	0.0
-70°	29.0	20.7	13.9	8.5	5.2	2.3	0.0
-72.5°	24.8	17.6	11.7	7.5	4.6	2.0	0.0
-75°	20.4	14.3	9.4	6.5	3.9	1.7	0.0
-77.5°	15.7	10.9	7.8	5.4	3.3	1.4	0.0
-80°	11.0	8.4	6.3	4.3	2.7	1.2	0.0
-82.5°	8.1	6.3	4.7	3.3	2.0	0.9	0.0
-85°	5.4	4.2	3.2	2.2	1.3	0.6	0.0
-87.5°	2.7	2.1	1.6	1.1	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)