

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: P626737 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-735-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626737 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1D-735-U-MWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N23
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

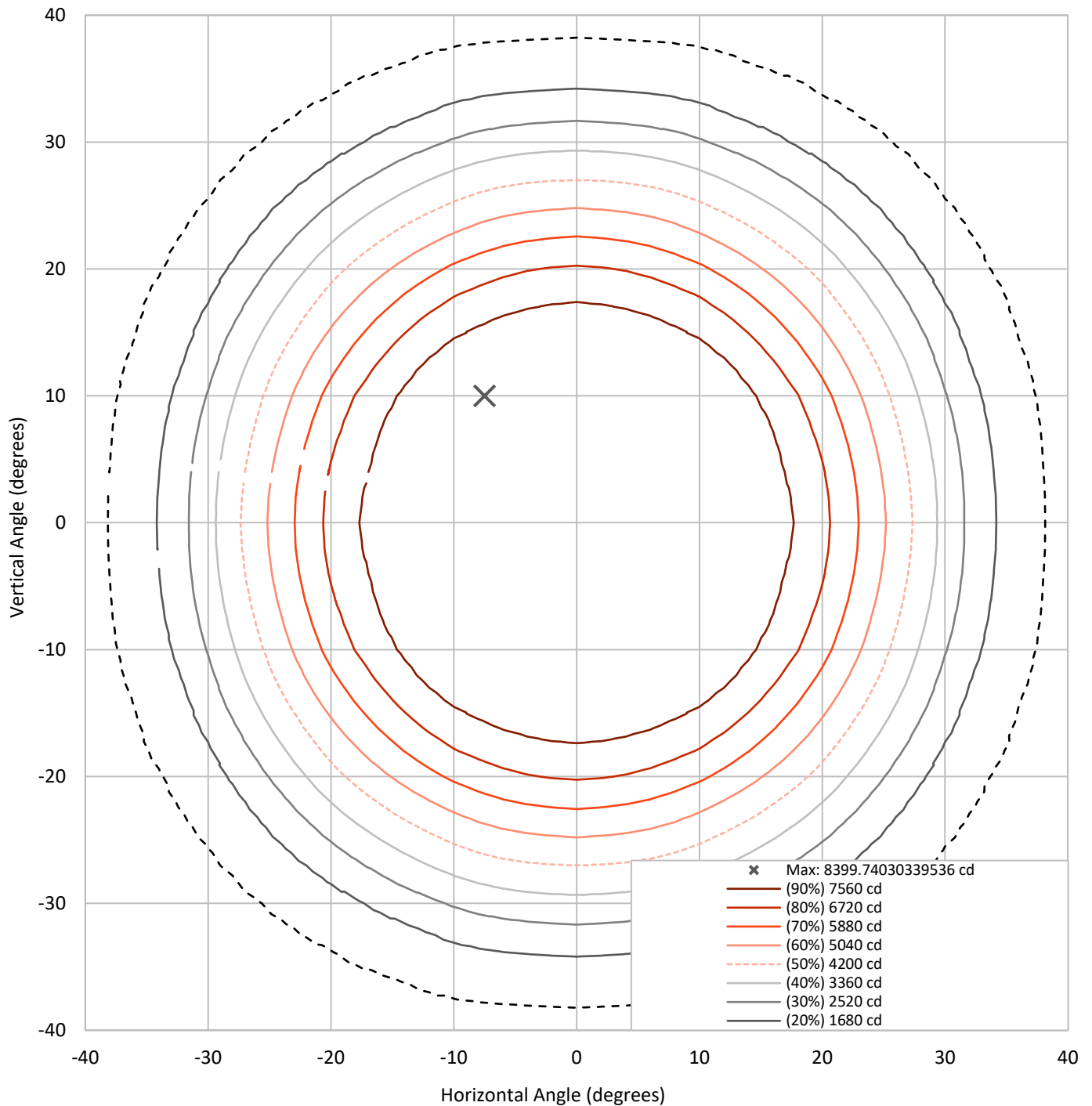
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	7149 lumens	Max Intensity:	8399.7 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	124.8 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	4745.1 lumens	Field Lumens:	6169.9 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	57.3		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





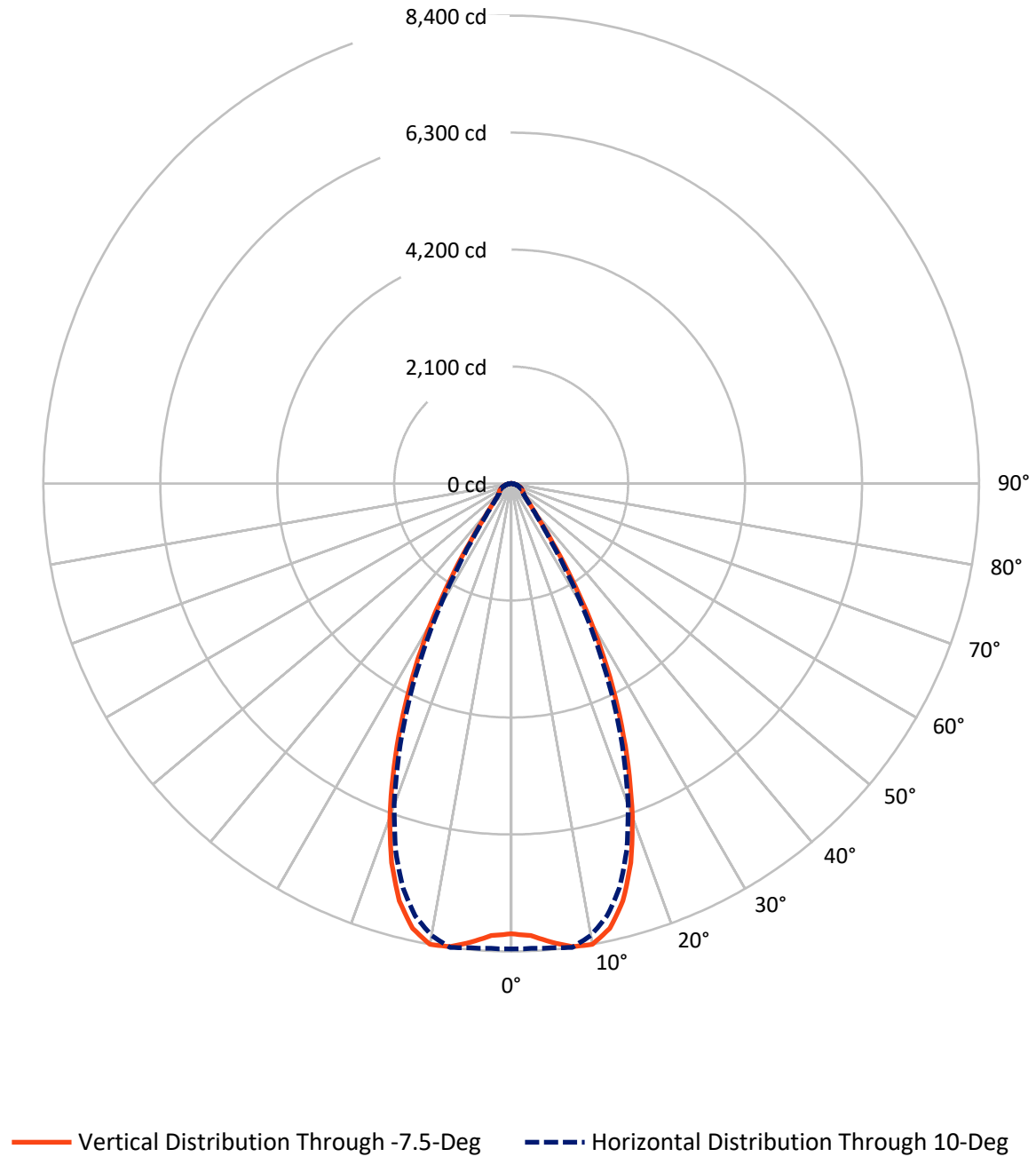
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Lumen Table

90	0.2	1.7	4.5	7.1	7.9	7.1	4.5	1.7	0.2							
80	0.2	1.7	4.5	7.1	7.9	7.1	4.5	1.7	0.2							
70	0.8	0.9	1.8	2.9	4.0	4.9	5.5	5.8	5.8	5.5	4.9	4.0	2.9	1.8	0.9	0.8
60		1.3	2.6	4.1	5.5	6.7	7.5	7.8	7.8	7.5	6.7	5.5	4.1	2.6	1.3	
50	1.3	1.7	3.3	5.0	6.7	8.7	11.0	12.6	12.6	11.0	8.7	6.7	5.0	3.3	1.7	1.3
40		2.0	3.8	5.8	8.9	16.2	31.1	46.1	46.1	31.1	16.2	8.9	5.8	3.8	2.0	
30	1.7	2.2	4.1	6.7	14.6	45.9	103.0	143.8	143.8	103.0	45.9	14.6	6.7	4.1	2.2	1.7
20		2.4	4.4	8.0	26.5	97.8	186.8	233.8	233.8	186.8	97.8	26.5	8.0	4.4	2.4	
10	1.9	2.4	4.5	9.0	38.1	133.9	226.7	246.6	246.6	226.7	133.9	38.1	9.0	4.5	2.4	1.9
0		2.4	4.5	9.0	38.1	133.9	226.7	246.6	246.6	226.7	133.9	38.1	9.0	4.5	2.4	
-10	1.7	2.4	4.4	8.0	26.5	97.8	186.8	233.8	233.8	186.8	97.8	26.5	8.0	4.4	2.4	1.7
-20		2.2	4.1	6.7	14.6	45.9	103.0	143.8	143.8	103.0	45.9	14.6	6.7	4.1	2.2	
-30	1.3	2.0	3.8	5.8	8.9	16.2	31.1	46.1	46.1	31.1	16.2	8.9	5.8	3.8	2.0	1.3
-40		1.7	3.3	5.0	6.7	8.7	11.0	12.6	12.6	11.0	8.7	6.7	5.0	3.3	1.7	
-50	0.8	1.3	2.6	4.1	5.5	6.7	7.5	7.8	7.8	7.5	6.7	5.5	4.1	2.6	1.3	0.8
-60		0.9	1.8	2.9	4.0	4.9	5.5	5.8	5.8	5.5	4.9	4.0	2.9	1.8	0.9	
-70	0.2	1.7	4.5	7.1	7.9	7.1	4.5	1.7	0.2							
-80		0.2	1.7	4.5	7.1	7.9	7.1	4.5	1.7	0.2						
-90	0.2	1.7	4.5	7.1	7.9	7.1	4.5	1.7	0.2							

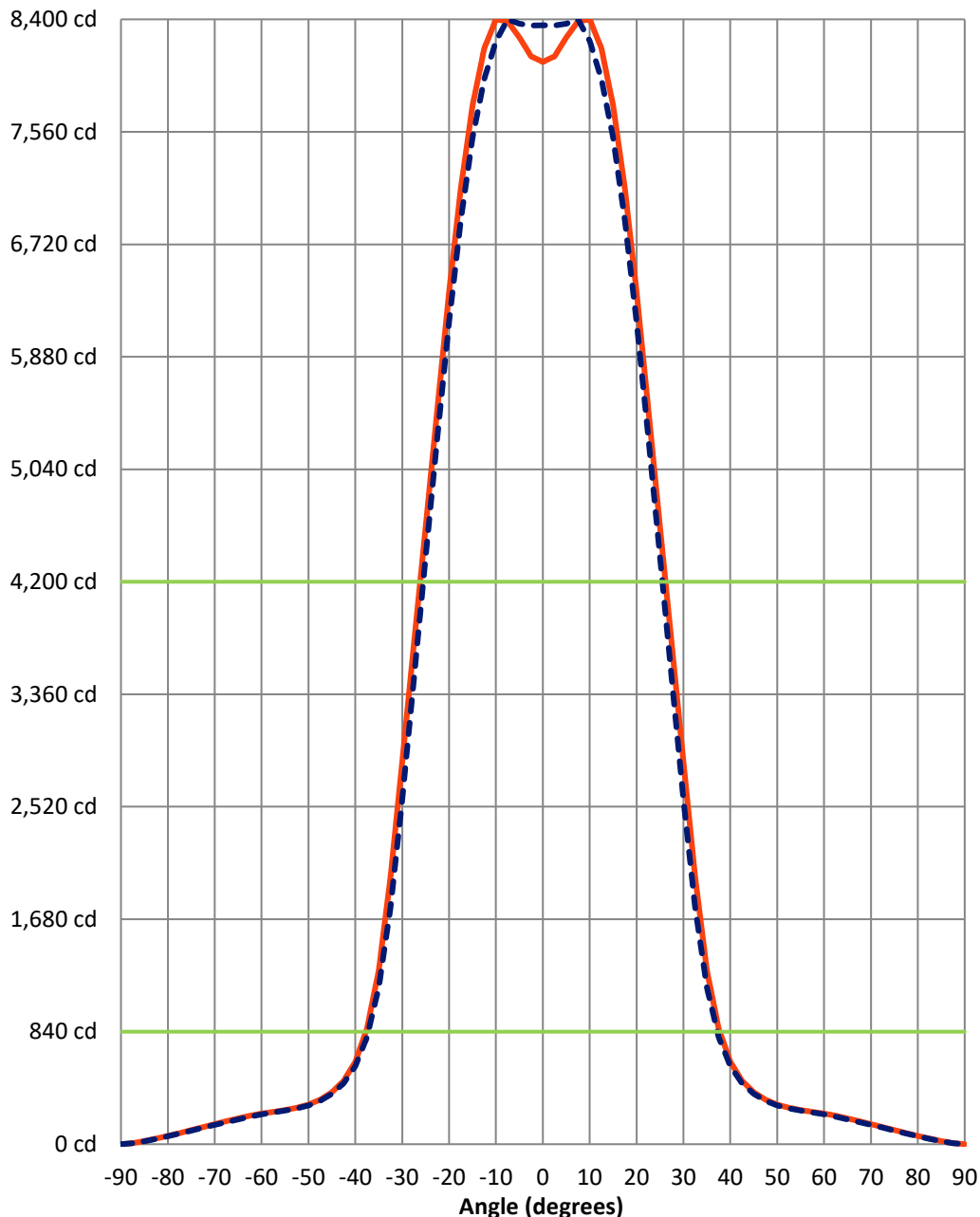
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 4745.1
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 6169.9
 Efficiency: 86.3%

Spill:
 Lumens: 979
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-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	0.6	1.0	1.3	1.6	1.9	2.3	2.8	3.2	3.7
85°	0.0	0.6	1.3	1.9	2.6	3.2	3.8	4.7	5.5	6.5	7.4
82.5°	0.0	1.0	1.9	2.9	3.8	4.8	5.7	7.0	8.4	10.6	12.7
80°	0.0	1.3	2.6	3.8	5.1	6.4	7.9	10.8	13.6	16.3	18.8
77.5°	0.0	1.6	3.2	4.8	6.4	8.6	12.0	15.5	18.8	22.0	25.4
75°	0.0	1.9	3.8	5.7	7.9	12.0	16.0	20.1	24.1	28.7	33.3
72.5°	0.0	2.2	4.4	6.7	10.6	15.3	20.0	24.9	30.4	35.8	41.1
70°	0.0	2.5	5.1	7.8	13.2	18.6	24.1	30.4	36.6	42.8	49.2
67.5°	0.0	2.8	5.7	9.7	15.8	21.9	28.7	35.8	42.8	50.0	57.3
65°	0.0	3.1	6.2	11.7	18.4	25.3	33.2	41.1	49.0	57.0	65.6
62.5°	0.0	3.4	6.8	13.6	20.9	29.0	37.6	46.3	55.0	64.1	74.4
60°	0.0	3.7	7.4	15.4	23.4	32.5	41.8	51.4	60.9	71.8	83.0
57.5°	0.0	4.0	8.6	17.2	26.1	35.9	46.1	56.3	67.3	79.3	91.2
55°	0.0	4.2	9.7	19.0	28.7	39.2	50.3	61.2	73.7	86.5	99.0
52.5°	0.0	4.5	10.8	20.7	31.2	42.5	54.4	66.5	79.8	93.3	106.6
50°	0.0	4.8	11.9	22.3	33.7	45.8	58.4	71.7	85.7	99.9	113.9
47.5°	0.0	5.0	12.9	23.9	36.0	49.0	62.3	76.7	91.4	106.2	121.0
45°	0.0	5.2	13.9	25.6	38.3	52.2	66.4	81.5	96.8	112.4	127.9
42.5°	0.0	5.5	14.8	27.2	40.4	55.2	70.3	86.0	102.0	118.3	134.3
40°	0.0	5.7	15.7	28.7	42.6	58.0	73.9	90.3	107.0	123.9	140.5
37.5°	0.0	5.9	16.5	30.1	44.8	60.8	77.4	94.3	111.8	129.3	146.4
35°	0.0	6.1	17.3	31.4	46.8	63.5	80.7	98.1	116.3	134.4	152.0
32.5°	0.0	6.2	18.0	32.6	48.8	66.0	83.7	101.6	120.7	139.0	156.9
30°	0.0	6.4	18.7	33.7	50.6	68.4	86.5	104.9	124.7	143.4	161.5
27.5°	0.0	6.6	19.3	34.7	52.3	70.6	89.1	108.2	128.4	147.3	165.7
25°	0.0	6.7	19.8	35.7	53.7	72.5	91.4	111.2	131.7	150.8	169.6
22.5°	0.0	6.8	20.3	36.5	55.1	74.3	93.5	113.9	134.6	154.0	173.1
20°	0.0	7.0	20.7	37.3	56.3	75.8	95.3	116.4	137.1	156.8	176.2
17.5°	0.0	7.1	21.1	37.9	57.3	77.1	97.0	118.6	139.4	159.2	178.9
15°	0.0	7.1	21.4	38.5	58.2	78.3	98.5	120.6	141.3	161.3	181.3
12.5°	0.0	7.2	21.7	38.9	58.9	79.2	99.8	122.4	142.9	163.0	183.2
10°	0.0	7.3	21.9	39.3	59.5	79.9	100.9	123.8	144.4	164.6	184.9
7.5°	0.0	7.3	22.0	39.5	60.0	80.5	101.8	124.9	145.5	165.9	186.3
5°	0.0	7.4	22.1	39.7	60.2	80.8	102.4	125.8	146.3	166.9	187.4
2.5°	0.0	7.4	22.1	39.7	60.3	81.0	102.8	126.2	146.8	167.4	188.0
0°	0.0	7.4	22.1	39.7	60.3	80.9	102.9	126.4	147.0	167.6	188.2
-2.5°	0.0	7.4	22.1	39.7	60.3	81.0	102.8	126.2	146.8	167.4	188.0
-5°	0.0	7.4	22.1	39.7	60.2	80.8	102.4	125.8	146.3	166.9	187.4
-7.5°	0.0	7.3	22.0	39.5	60.0	80.5	101.8	124.9	145.5	165.9	186.3
-10°	0.0	7.3	21.9	39.3	59.5	79.9	100.9	123.8	144.4	164.6	184.9
-12.5°	0.0	7.2	21.7	38.9	58.9	79.2	99.8	122.4	142.9	163.0	183.2
-15°	0.0	7.1	21.4	38.5	58.2	78.3	98.5	120.6	141.3	161.3	181.3
-17.5°	0.0	7.1	21.1	37.9	57.3	77.1	97.0	118.6	139.4	159.2	178.9
-20°	0.0	7.0	20.7	37.3	56.3	75.8	95.3	116.4	137.1	156.8	176.2

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CATALOG NUMBER: GFLD-SA1D-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.8	20.3	36.5	55.1	74.3	93.5	113.9	134.6	154.0	173.1
-25°	0.0	6.7	19.8	35.7	53.7	72.5	91.4	111.2	131.7	150.8	169.6
-27.5°	0.0	6.6	19.3	34.7	52.3	70.6	89.1	108.2	128.4	147.3	165.7
-30°	0.0	6.4	18.7	33.7	50.6	68.4	86.5	104.9	124.7	143.4	161.5
-32.5°	0.0	6.2	18.0	32.6	48.8	66.0	83.7	101.6	120.7	139.0	156.9
-35°	0.0	6.1	17.3	31.4	46.8	63.5	80.7	98.1	116.3	134.4	152.0
-37.5°	0.0	5.9	16.5	30.1	44.8	60.8	77.4	94.3	111.8	129.3	146.4
-40°	0.0	5.7	15.7	28.7	42.6	58.0	73.9	90.3	107.0	123.9	140.5
-42.5°	0.0	5.5	14.8	27.2	40.4	55.2	70.3	86.0	102.0	118.3	134.3
-45°	0.0	5.2	13.9	25.6	38.3	52.2	66.4	81.5	96.8	112.4	127.9
-47.5°	0.0	5.0	12.9	23.9	36.0	49.0	62.3	76.7	91.4	106.2	121.0
-50°	0.0	4.8	11.9	22.3	33.7	45.8	58.4	71.7	85.7	99.9	113.9
-52.5°	0.0	4.5	10.8	20.7	31.2	42.5	54.4	66.5	79.8	93.3	106.6
-55°	0.0	4.2	9.7	19.0	28.7	39.2	50.3	61.2	73.7	86.5	99.0
-57.5°	0.0	4.0	8.6	17.2	26.1	35.9	46.1	56.3	67.3	79.3	91.2
-60°	0.0	3.7	7.4	15.4	23.4	32.5	41.8	51.4	60.9	71.8	83.0
-62.5°	0.0	3.4	6.8	13.6	20.9	29.0	37.6	46.3	55.0	64.1	74.4
-65°	0.0	3.1	6.2	11.7	18.4	25.3	33.2	41.1	49.0	57.0	65.6
-67.5°	0.0	2.8	5.7	9.7	15.8	21.9	28.7	35.8	42.8	50.0	57.3
-70°	0.0	2.5	5.1	7.8	13.2	18.6	24.1	30.4	36.6	42.8	49.2
-72.5°	0.0	2.2	4.4	6.7	10.6	15.3	20.0	24.9	30.4	35.8	41.1
-75°	0.0	1.9	3.8	5.7	7.9	12.0	16.0	20.1	24.1	28.7	33.3
-77.5°	0.0	1.6	3.2	4.8	6.4	8.6	12.0	15.5	18.8	22.0	25.4
-80°	0.0	1.3	2.6	3.8	5.1	6.4	7.9	10.8	13.6	16.3	18.8
-82.5°	0.0	1.0	1.9	2.9	3.8	4.8	5.7	7.0	8.4	10.6	12.7
-85°	0.0	0.6	1.3	1.9	2.6	3.2	3.8	4.7	5.5	6.5	7.4
-87.5°	0.0	0.3	0.6	1.0	1.3	1.6	1.9	2.3	2.8	3.2	3.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GFLD-SA1D-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.1	4.4	4.7	5.0	5.4	5.7	5.9	6.2	6.5	6.7	7.0
85°	8.1	8.8	10.0	11.2	12.3	13.4	14.5	15.5	16.5	17.4	18.3
82.5°	14.5	16.5	18.4	20.4	22.1	23.8	25.4	27.1	28.7	30.4	32.1
80°	21.4	24.1	27.1	30.0	32.5	34.9	37.2	39.5	41.9	44.5	47.1
77.5°	29.3	33.1	36.7	40.0	43.2	46.7	50.1	53.3	56.7	60.1	63.3
75°	37.8	42.1	46.7	51.1	55.5	59.7	63.8	68.0	72.3	76.5	80.5
72.5°	46.6	52.1	57.4	62.6	68.0	73.3	78.4	83.3	88.4	93.5	98.4
70°	55.7	61.9	68.5	74.9	81.0	87.2	93.4	99.4	105.2	111.2	117.1
67.5°	64.9	72.7	80.2	87.3	94.4	101.7	108.6	115.8	122.7	129.7	136.3
65°	75.0	83.5	91.7	99.8	107.9	116.4	124.7	132.7	140.7	148.4	155.4
62.5°	84.9	94.0	103.0	112.2	121.9	131.5	140.5	149.6	158.9	167.1	174.1
60°	94.0	104.1	114.2	124.7	135.4	145.7	155.8	165.7	175.7	185.1	190.9
57.5°	102.8	114.0	125.2	136.5	147.8	159.2	169.8	180.7	190.1	198.0	204.7
55°	111.4	123.5	135.4	147.3	159.5	171.4	183.0	193.4	202.5	209.1	215.6
52.5°	119.7	132.5	144.8	157.6	170.6	183.3	195.4	205.0	212.5	219.2	225.2
50°	127.8	140.8	153.8	167.7	181.4	194.8	206.2	214.6	222.2	228.8	235.1
47.5°	135.4	149.0	162.8	177.5	191.8	204.8	215.3	224.1	231.8	238.9	246.4
45°	142.7	157.1	171.8	186.8	201.5	214.1	224.2	233.6	240.9	248.9	257.5
42.5°	149.7	164.9	180.3	195.8	210.7	222.4	232.5	241.2	249.8	259.2	269.5
40°	156.5	172.3	188.3	204.5	219.4	229.7	239.6	248.8	259.2	270.4	282.4
37.5°	162.8	179.2	195.8	212.7	225.7	236.4	246.5	256.8	268.8	281.8	298.1
35°	168.7	185.6	202.8	219.0	231.4	242.7	253.2	264.6	278.7	295.7	316.6
32.5°	174.2	191.6	209.3	224.2	236.6	248.4	259.1	273.4	290.3	310.6	340.1
30°	179.2	197.1	214.8	229.2	241.4	253.2	266.2	282.4	302.2	331.7	369.5
27.5°	183.9	202.0	219.1	233.4	245.6	257.8	273.0	292.6	318.7	353.9	400.9
25°	188.2	206.8	223.3	236.9	249.5	263.0	279.6	301.6	335.9	381.4	444.9
22.5°	192.1	211.0	227.2	239.9	253.2	267.8	287.2	314.7	354.2	407.3	489.2
20°	195.6	214.3	230.2	242.8	256.6	271.8	293.9	327.1	374.8	443.5	548.1
17.5°	198.6	217.1	232.5	245.6	259.9	276.3	300.5	337.9	393.0	475.2	607.6
15°	201.2	219.5	234.4	247.9	262.7	281.4	309.6	351.9	414.2	508.0	659.4
12.5°	203.3	221.5	235.9	249.8	265.1	285.7	317.4	365.2	436.2	548.4	735.9
10°	205.0	223.1	237.1	251.3	266.9	289.2	323.8	376.0	454.5	583.4	801.1
7.5°	206.6	224.2	237.9	252.4	268.3	291.8	328.6	384.4	468.5	610.8	852.7
5°	207.8	224.9	238.3	253.0	269.4	293.4	331.9	390.2	478.1	630.5	889.0
2.5°	208.5	225.1	238.4	253.1	270.2	294.2	333.6	393.4	485.7	639.8	908.5
0°	208.7	224.9	238.1	252.8	270.5	294.0	333.7	394.0	489.5	639.5	911.4
-2.5°	208.5	225.1	238.4	253.1	270.2	294.2	333.6	393.4	485.7	639.8	908.5
-5°	207.8	224.9	238.3	253.0	269.4	293.4	331.9	390.2	478.1	630.5	889.0
-7.5°	206.6	224.2	237.9	252.4	268.3	291.8	328.6	384.4	468.5	610.8	852.7
-10°	205.0	223.1	237.1	251.3	266.9	289.2	323.8	376.0	454.5	583.4	801.1
-12.5°	203.3	221.5	235.9	249.8	265.1	285.7	317.4	365.2	436.2	548.4	735.9
-15°	201.2	219.5	234.4	247.9	262.7	281.4	309.6	351.9	414.2	508.0	659.4
-17.5°	198.6	217.1	232.5	245.6	259.9	276.3	300.5	337.9	393.0	475.2	607.6
-20°	195.6	214.3	230.2	242.8	256.6	271.8	293.9	327.1	374.8	443.5	548.1



REPORT NUMBER: P626737 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	192.1	211.0	227.2	239.9	253.2	267.8	287.2	314.7	354.2	407.3	489.2
-25°	188.2	206.8	223.3	236.9	249.5	263.0	279.6	301.6	335.9	381.4	444.9
-27.5°	183.9	202.0	219.1	233.4	245.6	257.8	273.0	292.6	318.7	353.9	400.9
-30°	179.2	197.1	214.8	229.2	241.4	253.2	266.2	282.4	302.2	331.7	369.5
-32.5°	174.2	191.6	209.3	224.2	236.6	248.4	259.1	273.4	290.3	310.6	340.1
-35°	168.7	185.6	202.8	219.0	231.4	242.7	253.2	264.6	278.7	295.7	316.6
-37.5°	162.8	179.2	195.8	212.7	225.7	236.4	246.5	256.8	268.8	281.8	298.1
-40°	156.5	172.3	188.3	204.5	219.4	229.7	239.6	248.8	259.2	270.4	282.4
-42.5°	149.7	164.9	180.3	195.8	210.7	222.4	232.5	241.2	249.8	259.2	269.5
-45°	142.7	157.1	171.8	186.8	201.5	214.1	224.2	233.6	240.9	248.9	257.5
-47.5°	135.4	149.0	162.8	177.5	191.8	204.8	215.3	224.1	231.8	238.9	246.4
-50°	127.8	140.8	153.8	167.7	181.4	194.8	206.2	214.6	222.2	228.8	235.1
-52.5°	119.7	132.5	144.8	157.6	170.6	183.3	195.4	205.0	212.5	219.2	225.2
-55°	111.4	123.5	135.4	147.3	159.5	171.4	183.0	193.4	202.5	209.1	215.6
-57.5°	102.8	114.0	125.2	136.5	147.8	159.2	169.8	180.7	190.1	198.0	204.7
-60°	94.0	104.1	114.2	124.7	135.4	145.7	155.8	165.7	175.7	185.1	190.9
-62.5°	84.9	94.0	103.0	112.2	121.9	131.5	140.5	149.6	158.9	167.1	174.1
-65°	75.0	83.5	91.7	99.8	107.9	116.4	124.7	132.7	140.7	148.4	155.4
-67.5°	64.9	72.7	80.2	87.3	94.4	101.7	108.6	115.8	122.7	129.7	136.3
-70°	55.7	61.9	68.5	74.9	81.0	87.2	93.4	99.4	105.2	111.2	117.1
-72.5°	46.6	52.1	57.4	62.6	68.0	73.3	78.4	83.3	88.4	93.5	98.4
-75°	37.8	42.1	46.7	51.1	55.5	59.7	63.8	68.0	72.3	76.5	80.5
-77.5°	29.3	33.1	36.7	40.0	43.2	46.7	50.1	53.3	56.7	60.1	63.3
-80°	21.4	24.1	27.1	30.0	32.5	34.9	37.2	39.5	41.9	44.5	47.1
-82.5°	14.5	16.5	18.4	20.4	22.1	23.8	25.4	27.1	28.7	30.4	32.1
-85°	8.1	8.8	10.0	11.2	12.3	13.4	14.5	15.5	16.5	17.4	18.3
-87.5°	4.1	4.4	4.7	5.0	5.4	5.7	5.9	6.2	6.5	6.7	7.0
-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: P626737 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-U-MWR-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°	7.2	7.1	7.0	6.9	6.7	7.2	7.6	8.1	8.5	8.3	8.0
85°	19.1	19.6	19.9	20.2	20.5	21.4	22.3	23.1	23.9	23.9	23.8
82.5°	33.7	34.7	35.7	36.5	37.2	38.3	39.3	40.1	40.8	41.3	41.8
80°	49.6	51.4	52.9	54.2	55.5	56.9	58.2	59.3	60.4	60.9	61.3
77.5°	66.5	69.0	71.3	73.5	75.6	77.6	79.5	81.2	82.6	83.0	82.9
75°	84.3	87.7	91.0	94.0	96.8	99.2	101.2	102.9	104.2	104.9	105.3
72.5°	103.1	107.4	111.2	114.6	117.6	120.0	122.1	124.0	125.5	126.5	127.1
70°	122.7	127.7	131.6	134.9	137.4	139.8	142.6	145.2	147.6	149.0	149.5
67.5°	142.3	147.6	151.2	154.1	156.4	158.8	162.3	165.4	168.1	170.0	171.2
65°	161.6	167.1	170.7	173.5	175.7	178.1	181.9	184.9	187.3	189.1	190.8
62.5°	180.6	186.1	190.1	193.5	196.6	199.2	202.4	205.0	207.0	208.8	210.9
60°	197.1	203.6	207.8	211.2	215.0	219.2	221.5	223.4	225.1	226.6	227.9
57.5°	210.5	216.4	221.8	225.9	229.8	233.7	236.4	238.3	239.7	240.8	241.3
55°	221.8	227.8	233.9	238.3	242.2	245.8	248.8	251.2	253.1	254.7	255.1
52.5°	231.9	238.7	244.6	249.7	254.8	259.1	262.4	265.6	268.4	270.7	271.7
50°	242.9	250.0	257.3	264.2	269.7	274.5	278.6	283.1	287.9	291.8	294.3
47.5°	254.4	262.6	271.5	279.9	286.5	293.6	300.3	307.1	316.0	323.4	329.0
45°	266.4	277.0	287.2	297.9	306.9	320.4	332.9	343.7	358.0	371.0	381.3
42.5°	280.7	293.8	306.3	323.4	341.4	359.8	379.8	396.8	419.2	441.9	460.3
40°	297.6	314.4	336.3	359.3	387.7	413.1	447.5	478.1	512.4	555.8	591.7
37.5°	318.0	343.7	374.3	406.4	450.6	492.8	549.6	609.6	663.9	747.4	817.7
35°	344.4	380.4	420.7	477.5	540.0	619.1	707.8	823.5	922.8	1063.6	1198.2
32.5°	378.4	424.7	490.5	578.1	670.5	814.1	954.9	1155.9	1342.0	1565.2	1806.1
30°	416.3	486.8	587.3	707.5	879.9	1091.1	1339.2	1647.9	1985.8	2299.5	2608.6
27.5°	471.2	572.1	704.2	898.1	1166.8	1462.3	1897.1	2316.1	2753.4	3142.0	3466.1
25°	535.2	668.7	872.8	1158.5	1521.8	2027.8	2548.3	3065.5	3535.7	3942.5	4300.7
22.5°	618.0	809.9	1082.1	1452.0	2017.8	2624.3	3234.6	3805.1	4306.6	4759.7	5147.4
20°	708.0	948.1	1336.8	1888.5	2535.5	3226.5	3915.6	4523.3	5075.5	5589.3	6026.2
17.5°	822.1	1158.3	1650.6	2312.4	3060.5	3817.5	4541.5	5200.9	5827.4	6371.0	6827.5
15°	919.3	1343.5	1986.0	2762.2	3571.3	4369.9	5134.2	5850.5	6501.8	7059.6	7488.8
12.5°	1048.9	1551.0	2283.8	3148.8	4025.5	4865.9	5671.0	6411.3	7074.2	7625.8	7959.9
10°	1171.5	1765.8	2571.6	3473.7	4384.6	5279.9	6139.5	6898.8	7514.2	7953.0	8237.7
7.5°	1275.8	1950.5	2805.7	3736.3	4669.8	5605.9	6476.0	7214.7	7782.2	8148.6	8346.9
5°	1353.6	2088.5	2979.5	3949.6	4907.6	5860.1	6723.4	7416.9	7907.4	8179.6	8279.1
2.5°	1403.2	2169.5	3080.3	4089.6	5066.7	6020.9	6893.1	7575.8	7991.9	8172.3	8189.5
0°	1423.0	2180.0	3095.8	4163.1	5106.8	6066.7	6941.4	7641.1	8023.3	8171.8	8168.8
-2.5°	1403.2	2169.5	3080.3	4089.6	5066.7	6020.9	6893.1	7575.8	7991.9	8172.3	8189.5
-5°	1353.6	2088.5	2979.5	3949.6	4907.6	5860.1	6723.4	7416.9	7907.4	8179.6	8279.1
-7.5°	1275.8	1950.5	2805.7	3736.3	4669.8	5605.9	6476.0	7214.7	7782.2	8148.6	8346.9
-10°	1171.5	1765.8	2571.6	3473.7	4384.6	5279.9	6139.5	6898.8	7514.2	7953.0	8237.7
-12.5°	1048.9	1551.0	2283.8	3148.8	4025.5	4865.9	5671.0	6411.3	7074.2	7625.8	7959.9
-15°	919.3	1343.5	1986.0	2762.2	3571.3	4369.9	5134.2	5850.5	6501.8	7059.6	7488.8
-17.5°	822.1	1158.3	1650.6	2312.4	3060.5	3817.5	4541.5	5200.9	5827.4	6371.0	6827.5
-20°	708.0	948.1	1336.8	1888.5	2535.5	3226.5	3915.6	4523.3	5075.5	5589.3	6026.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626737 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	618.0	809.9	1082.1	1452.0	2017.8	2624.3	3234.6	3805.1	4306.6	4759.7	5147.4
-25°	535.2	668.7	872.8	1158.5	1521.8	2027.8	2548.3	3065.5	3535.7	3942.5	4300.7
-27.5°	471.2	572.1	704.2	898.1	1166.8	1462.3	1897.1	2316.1	2753.4	3142.0	3466.1
-30°	416.3	486.8	587.3	707.5	879.9	1091.1	1339.2	1647.9	1985.8	2299.5	2608.6
-32.5°	378.4	424.7	490.5	578.1	670.5	814.1	954.9	1155.9	1342.0	1565.2	1806.1
-35°	344.4	380.4	420.7	477.5	540.0	619.1	707.8	823.5	922.8	1063.6	1198.2
-37.5°	318.0	343.7	374.3	406.4	450.6	492.8	549.6	609.6	663.9	747.4	817.7
-40°	297.6	314.4	336.3	359.3	387.7	413.1	447.5	478.1	512.4	555.8	591.7
-42.5°	280.7	293.8	306.3	323.4	341.4	359.8	379.8	396.8	419.2	441.9	460.3
-45°	266.4	277.0	287.2	297.9	306.9	320.4	332.9	343.7	358.0	371.0	381.3
-47.5°	254.4	262.6	271.5	279.9	286.5	293.6	300.3	307.1	316.0	323.4	329.0
-50°	242.9	250.0	257.3	264.2	269.7	274.5	278.6	283.1	287.9	291.8	294.3
-52.5°	231.9	238.7	244.6	249.7	254.8	259.1	262.4	265.6	268.4	270.7	271.7
-55°	221.8	227.8	233.9	238.3	242.2	245.8	248.8	251.2	253.1	254.7	255.1
-57.5°	210.5	216.4	221.8	225.9	229.8	233.7	236.4	238.3	239.7	240.8	241.3
-60°	197.1	203.6	207.8	211.2	215.0	219.2	221.5	223.4	225.1	226.6	227.9
-62.5°	180.6	186.1	190.1	193.5	196.6	199.2	202.4	205.0	207.0	208.8	210.9
-65°	161.6	167.1	170.7	173.5	175.7	178.1	181.9	184.9	187.3	189.1	190.8
-67.5°	142.3	147.6	151.2	154.1	156.4	158.8	162.3	165.4	168.1	170.0	171.2
-70°	122.7	127.7	131.6	134.9	137.4	139.8	142.6	145.2	147.6	149.0	149.5
-72.5°	103.1	107.4	111.2	114.6	117.6	120.0	122.1	124.0	125.5	126.5	127.1
-75°	84.3	87.7	91.0	94.0	96.8	99.2	101.2	102.9	104.2	104.9	105.3
-77.5°	66.5	69.0	71.3	73.5	75.6	77.6	79.5	81.2	82.6	83.0	82.9
-80°	49.6	51.4	52.9	54.2	55.5	56.9	58.2	59.3	60.4	60.9	61.3
-82.5°	33.7	34.7	35.7	36.5	37.2	38.3	39.3	40.1	40.8	41.3	41.8
-85°	19.1	19.6	19.9	20.2	20.5	21.4	22.3	23.1	23.9	23.9	23.8
-87.5°	7.2	7.1	7.0	6.9	6.7	7.2	7.6	8.1	8.5	8.3	8.0
-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: P626737 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-735-U-MWR-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°	7.7	7.4	7.4	7.4	7.4	7.4	7.7	8.0	8.3	8.5	8.1
85°	23.6	23.4	22.8	22.1	22.8	23.4	23.6	23.8	23.9	23.9	23.1
82.5°	42.1	42.4	41.9	41.2	41.9	42.4	42.1	41.8	41.3	40.8	40.1
80°	61.4	61.4	60.9	60.3	60.9	61.4	61.4	61.3	60.9	60.4	59.3
77.5°	82.6	82.0	82.2	82.3	82.2	82.0	82.6	82.9	83.0	82.6	81.2
75°	105.4	105.3	105.0	104.4	105.0	105.3	105.4	105.3	104.9	104.2	102.9
72.5°	127.4	127.4	127.0	126.4	127.0	127.4	127.4	127.1	126.5	125.5	124.0
70°	149.6	149.3	149.7	149.9	149.7	149.3	149.6	149.5	149.0	147.6	145.2
67.5°	172.1	172.7	172.6	172.0	172.6	172.7	172.1	171.2	170.0	168.1	165.4
65°	192.2	193.2	193.8	194.0	193.8	193.2	192.2	190.8	189.1	187.3	184.9
62.5°	212.5	213.7	213.8	213.2	213.8	213.7	212.5	210.9	208.8	207.0	205.0
60°	228.6	228.8	228.5	227.9	228.5	228.8	228.6	227.9	226.6	225.1	223.4
57.5°	241.3	240.8	240.3	239.6	240.3	240.8	241.3	241.3	240.8	239.7	238.3
55°	254.8	254.1	253.5	252.8	253.5	254.1	254.8	255.1	254.7	253.1	251.2
52.5°	271.9	271.6	271.1	270.5	271.1	271.6	271.9	271.7	270.7	268.4	265.6
50°	295.6	296.0	296.0	295.5	296.0	296.0	295.6	294.3	291.8	287.9	283.1
47.5°	332.5	334.5	335.8	336.6	335.8	334.5	332.5	329.0	323.4	316.0	307.1
45°	387.9	391.8	394.5	396.9	394.5	391.8	387.9	381.3	371.0	358.0	343.7
42.5°	473.2	482.0	486.2	485.1	486.2	482.0	473.2	460.3	441.9	419.2	396.8
40°	615.6	629.7	637.6	643.9	637.6	629.7	615.6	591.7	555.8	512.4	478.1
37.5°	865.6	893.1	907.6	920.2	907.6	893.1	865.6	817.7	747.4	663.9	609.6
35°	1298.7	1360.6	1393.8	1405.3	1393.8	1360.6	1298.7	1198.2	1063.6	922.8	823.5
32.5°	1993.5	2107.7	2170.9	2219.7	2170.9	2107.7	1993.5	1806.1	1565.2	1342.0	1155.9
30°	2853.3	3003.8	3087.4	3128.2	3087.4	3003.8	2853.3	2608.6	2299.5	1985.8	1647.9
27.5°	3734.7	3905.8	3995.9	3991.1	3995.9	3905.8	3734.7	3466.1	3142.0	2753.4	2316.1
25°	4607.7	4805.8	4895.6	4976.0	4895.6	4805.8	4607.7	4300.7	3942.5	3535.7	3065.5
22.5°	5490.6	5722.3	5848.7	5908.0	5848.7	5722.3	5490.6	5147.4	4759.7	4306.6	3805.1
20°	6362.9	6620.9	6755.1	6813.5	6755.1	6620.9	6362.9	6026.2	5589.3	5075.5	4523.3
17.5°	7136.5	7388.4	7516.4	7570.6	7516.4	7388.4	7136.5	6827.5	6371.0	5827.4	5200.9
15°	7754.3	7940.1	8048.9	8077.7	8048.9	7940.1	7754.3	7488.8	7059.6	6501.8	5850.5
12.5°	8181.4	8253.3	8305.7	8321.7	8305.7	8253.3	8181.4	7959.9	7625.8	7074.2	6411.3
10°	8399.7	8367.2	8353.8	8355.5	8353.8	8367.2	8399.7	8237.7	7953.0	7514.2	6898.8
7.5°	8384.7	8336.6	8240.1	8224.7	8240.1	8336.6	8384.7	8346.9	8148.6	7782.2	7214.7
5°	8264.2	8176.7	8016.4	7970.4	8016.4	8176.7	8264.2	8279.1	8179.6	7907.4	7416.9
2.5°	8123.8	7966.1	7818.4	7723.4	7818.4	7966.1	8123.8	8189.5	8172.3	7991.9	7575.8
0°	8082.1	7899.8	7708.7	7647.0	7708.7	7899.8	8082.1	8168.8	8171.8	8023.3	7641.1
-2.5°	8123.8	7966.1	7818.4	7723.4	7818.4	7966.1	8123.8	8189.5	8172.3	7991.9	7575.8
-5°	8264.2	8176.7	8016.4	7970.4	8016.4	8176.7	8264.2	8279.1	8179.6	7907.4	7416.9
-7.5°	8384.7	8336.6	8240.1	8224.7	8240.1	8336.6	8384.7	8346.9	8148.6	7782.2	7214.7
-10°	8399.7	8367.2	8353.8	8355.5	8353.8	8367.2	8399.7	8237.7	7953.0	7514.2	6898.8
-12.5°	8181.4	8253.3	8305.7	8321.7	8305.7	8253.3	8181.4	7959.9	7625.8	7074.2	6411.3
-15°	7754.3	7940.1	8048.9	8077.7	8048.9	7940.1	7754.3	7488.8	7059.6	6501.8	5850.5
-17.5°	7136.5	7388.4	7516.4	7570.6	7516.4	7388.4	7136.5	6827.5	6371.0	5827.4	5200.9
-20°	6362.9	6620.9	6755.1	6813.5	6755.1	6620.9	6362.9	6026.2	5589.3	5075.5	4523.3



REPORT NUMBER: P626737 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5490.6	5722.3	5848.7	5908.0	5848.7	5722.3	5490.6	5147.4	4759.7	4306.6	3805.1
-25°	4607.7	4805.8	4895.6	4976.0	4895.6	4805.8	4607.7	4300.7	3942.5	3535.7	3065.5
-27.5°	3734.7	3905.8	3995.9	3991.1	3995.9	3905.8	3734.7	3466.1	3142.0	2753.4	2316.1
-30°	2853.3	3003.8	3087.4	3128.2	3087.4	3003.8	2853.3	2608.6	2299.5	1985.8	1647.9
-32.5°	1993.5	2107.7	2170.9	2219.7	2170.9	2107.7	1993.5	1806.1	1565.2	1342.0	1155.9
-35°	1298.7	1360.6	1393.8	1405.3	1393.8	1360.6	1298.7	1198.2	1063.6	922.8	823.5
-37.5°	865.6	893.1	907.6	920.2	907.6	893.1	865.6	817.7	747.4	663.9	609.6
-40°	615.6	629.7	637.6	643.9	637.6	629.7	615.6	591.7	555.8	512.4	478.1
-42.5°	473.2	482.0	486.2	485.1	486.2	482.0	473.2	460.3	441.9	419.2	396.8
-45°	387.9	391.8	394.5	396.9	394.5	391.8	387.9	381.3	371.0	358.0	343.7
-47.5°	332.5	334.5	335.8	336.6	335.8	334.5	332.5	329.0	323.4	316.0	307.1
-50°	295.6	296.0	296.0	295.5	296.0	296.0	295.6	294.3	291.8	287.9	283.1
-52.5°	271.9	271.6	271.1	270.5	271.1	271.6	271.9	271.7	270.7	268.4	265.6
-55°	254.8	254.1	253.5	252.8	253.5	254.1	254.8	255.1	254.7	253.1	251.2
-57.5°	241.3	240.8	240.3	239.6	240.3	240.8	241.3	241.3	240.8	239.7	238.3
-60°	228.6	228.8	228.5	227.9	228.5	228.8	228.6	227.9	226.6	225.1	223.4
-62.5°	212.5	213.7	213.8	213.2	213.8	213.7	212.5	210.9	208.8	207.0	205.0
-65°	192.2	193.2	193.8	194.0	193.8	193.2	192.2	190.8	189.1	187.3	184.9
-67.5°	172.1	172.7	172.6	172.0	172.6	172.7	172.1	171.2	170.0	168.1	165.4
-70°	149.6	149.3	149.7	149.9	149.7	149.3	149.6	149.5	149.0	147.6	145.2
-72.5°	127.4	127.4	127.0	126.4	127.0	127.4	127.4	127.1	126.5	125.5	124.0
-75°	105.4	105.3	105.0	104.4	105.0	105.3	105.4	105.3	104.9	104.2	102.9
-77.5°	82.6	82.0	82.2	82.3	82.2	82.0	82.6	82.9	83.0	82.6	81.2
-80°	61.4	61.4	60.9	60.3	60.9	61.4	61.4	61.3	60.9	60.4	59.3
-82.5°	42.1	42.4	41.9	41.2	41.9	42.4	42.1	41.8	41.3	40.8	40.1
-85°	23.6	23.4	22.8	22.1	22.8	23.4	23.6	23.8	23.9	23.9	23.1
-87.5°	7.7	7.4	7.4	7.4	7.4	7.4	7.7	8.0	8.3	8.5	8.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626737 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-U-MWR-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°	7.6	7.2	6.7	6.9	7.0	7.1	7.2	7.0	6.7	6.5	6.2
85°	22.3	21.4	20.5	20.2	19.9	19.6	19.1	18.3	17.4	16.5	15.5
82.5°	39.3	38.3	37.2	36.5	35.7	34.7	33.7	32.1	30.4	28.7	27.1
80°	58.2	56.9	55.5	54.2	52.9	51.4	49.6	47.1	44.5	41.9	39.5
77.5°	79.5	77.6	75.6	73.5	71.3	69.0	66.5	63.3	60.1	56.7	53.3
75°	101.2	99.2	96.8	94.0	91.0	87.7	84.3	80.5	76.5	72.3	68.0
72.5°	122.1	120.0	117.6	114.6	111.2	107.4	103.1	98.4	93.5	88.4	83.3
70°	142.6	139.8	137.4	134.9	131.6	127.7	122.7	117.1	111.2	105.2	99.4
67.5°	162.3	158.8	156.4	154.1	151.2	147.6	142.3	136.3	129.7	122.7	115.8
65°	181.9	178.1	175.7	173.5	170.7	167.1	161.6	155.4	148.4	140.7	132.7
62.5°	202.4	199.2	196.6	193.5	190.1	186.1	180.6	174.1	167.1	158.9	149.6
60°	221.5	219.2	215.0	211.2	207.8	203.6	197.1	190.9	185.1	175.7	165.7
57.5°	236.4	233.7	229.8	225.9	221.8	216.4	210.5	204.7	198.0	190.1	180.7
55°	248.8	245.8	242.2	238.3	233.9	227.8	221.8	215.6	209.1	202.5	193.4
52.5°	262.4	259.1	254.8	249.7	244.6	238.7	231.9	225.2	219.2	212.5	205.0
50°	278.6	274.5	269.7	264.2	257.3	250.0	242.9	235.1	228.8	222.2	214.6
47.5°	300.3	293.6	286.5	279.9	271.5	262.6	254.4	246.4	238.9	231.8	224.1
45°	332.9	320.4	306.9	297.9	287.2	277.0	266.4	257.5	248.9	240.9	233.6
42.5°	379.8	359.8	341.4	323.4	306.3	293.8	280.7	269.5	259.2	249.8	241.2
40°	447.5	413.1	387.7	359.3	336.3	314.4	297.6	282.4	270.4	259.2	248.8
37.5°	549.6	492.8	450.6	406.4	374.3	343.7	318.0	298.1	281.8	268.8	256.8
35°	707.8	619.1	540.0	477.5	420.7	380.4	344.4	316.6	295.7	278.7	264.6
32.5°	954.9	814.1	670.5	578.1	490.5	424.7	378.4	340.1	310.6	290.3	273.4
30°	1339.2	1091.1	879.9	707.5	587.3	486.8	416.3	369.5	331.7	302.2	282.4
27.5°	1897.1	1462.3	1166.8	898.1	704.2	572.1	471.2	400.9	353.9	318.7	292.6
25°	2548.3	2027.8	1521.8	1158.5	872.8	668.7	535.2	444.9	381.4	335.9	301.6
22.5°	3234.6	2624.3	2017.8	1452.0	1082.1	809.9	618.0	489.2	407.3	354.2	314.7
20°	3915.6	3226.5	2535.5	1888.5	1336.8	948.1	708.0	548.1	443.5	374.8	327.1
17.5°	4541.5	3817.5	3060.5	2312.4	1650.6	1158.3	822.1	607.6	475.2	393.0	337.9
15°	5134.2	4369.9	3571.3	2762.2	1986.0	1343.5	919.3	659.4	508.0	414.2	351.9
12.5°	5671.0	4865.9	4025.5	3148.8	2283.8	1551.0	1048.9	735.9	548.4	436.2	365.2
10°	6139.5	5279.9	4384.6	3473.7	2571.6	1765.8	1171.5	801.1	583.4	454.5	376.0
7.5°	6476.0	5605.9	4669.8	3736.3	2805.7	1950.5	1275.8	852.7	610.8	468.5	384.4
5°	6723.4	5860.1	4907.6	3949.6	2979.5	2088.5	1353.6	889.0	630.5	478.1	390.2
2.5°	6893.1	6020.9	5066.7	4089.6	3080.3	2169.5	1403.2	908.5	639.8	485.7	393.4
0°	6941.4	6066.7	5106.8	4163.1	3095.8	2180.0	1423.0	911.4	639.5	489.5	394.0
-2.5°	6893.1	6020.9	5066.7	4089.6	3080.3	2169.5	1403.2	908.5	639.8	485.7	393.4
-5°	6723.4	5860.1	4907.6	3949.6	2979.5	2088.5	1353.6	889.0	630.5	478.1	390.2
-7.5°	6476.0	5605.9	4669.8	3736.3	2805.7	1950.5	1275.8	852.7	610.8	468.5	384.4
-10°	6139.5	5279.9	4384.6	3473.7	2571.6	1765.8	1171.5	801.1	583.4	454.5	376.0
-12.5°	5671.0	4865.9	4025.5	3148.8	2283.8	1551.0	1048.9	735.9	548.4	436.2	365.2
-15°	5134.2	4369.9	3571.3	2762.2	1986.0	1343.5	919.3	659.4	508.0	414.2	351.9
-17.5°	4541.5	3817.5	3060.5	2312.4	1650.6	1158.3	822.1	607.6	475.2	393.0	337.9
-20°	3915.6	3226.5	2535.5	1888.5	1336.8	948.1	708.0	548.1	443.5	374.8	327.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626737 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3234.6	2624.3	2017.8	1452.0	1082.1	809.9	618.0	489.2	407.3	354.2	314.7
-25°	2548.3	2027.8	1521.8	1158.5	872.8	668.7	535.2	444.9	381.4	335.9	301.6
-27.5°	1897.1	1462.3	1166.8	898.1	704.2	572.1	471.2	400.9	353.9	318.7	292.6
-30°	1339.2	1091.1	879.9	707.5	587.3	486.8	416.3	369.5	331.7	302.2	282.4
-32.5°	954.9	814.1	670.5	578.1	490.5	424.7	378.4	340.1	310.6	290.3	273.4
-35°	707.8	619.1	540.0	477.5	420.7	380.4	344.4	316.6	295.7	278.7	264.6
-37.5°	549.6	492.8	450.6	406.4	374.3	343.7	318.0	298.1	281.8	268.8	256.8
-40°	447.5	413.1	387.7	359.3	336.3	314.4	297.6	282.4	270.4	259.2	248.8
-42.5°	379.8	359.8	341.4	323.4	306.3	293.8	280.7	269.5	259.2	249.8	241.2
-45°	332.9	320.4	306.9	297.9	287.2	277.0	266.4	257.5	248.9	240.9	233.6
-47.5°	300.3	293.6	286.5	279.9	271.5	262.6	254.4	246.4	238.9	231.8	224.1
-50°	278.6	274.5	269.7	264.2	257.3	250.0	242.9	235.1	228.8	222.2	214.6
-52.5°	262.4	259.1	254.8	249.7	244.6	238.7	231.9	225.2	219.2	212.5	205.0
-55°	248.8	245.8	242.2	238.3	233.9	227.8	221.8	215.6	209.1	202.5	193.4
-57.5°	236.4	233.7	229.8	225.9	221.8	216.4	210.5	204.7	198.0	190.1	180.7
-60°	221.5	219.2	215.0	211.2	207.8	203.6	197.1	190.9	185.1	175.7	165.7
-62.5°	202.4	199.2	196.6	193.5	190.1	186.1	180.6	174.1	167.1	158.9	149.6
-65°	181.9	178.1	175.7	173.5	170.7	167.1	161.6	155.4	148.4	140.7	132.7
-67.5°	162.3	158.8	156.4	154.1	151.2	147.6	142.3	136.3	129.7	122.7	115.8
-70°	142.6	139.8	137.4	134.9	131.6	127.7	122.7	117.1	111.2	105.2	99.4
-72.5°	122.1	120.0	117.6	114.6	111.2	107.4	103.1	98.4	93.5	88.4	83.3
-75°	101.2	99.2	96.8	94.0	91.0	87.7	84.3	80.5	76.5	72.3	68.0
-77.5°	79.5	77.6	75.6	73.5	71.3	69.0	66.5	63.3	60.1	56.7	53.3
-80°	58.2	56.9	55.5	54.2	52.9	51.4	49.6	47.1	44.5	41.9	39.5
-82.5°	39.3	38.3	37.2	36.5	35.7	34.7	33.7	32.1	30.4	28.7	27.1
-85°	22.3	21.4	20.5	20.2	19.9	19.6	19.1	18.3	17.4	16.5	15.5
-87.5°	7.6	7.2	6.7	6.9	7.0	7.1	7.2	7.0	6.7	6.5	6.2
-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: P626737 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-U-MWR-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°	5.9	5.7	5.4	5.0	4.7	4.4	4.1	3.7	3.2	2.8	2.3
85°	14.5	13.4	12.3	11.2	10.0	8.8	8.1	7.4	6.5	5.5	4.7
82.5°	25.4	23.8	22.1	20.4	18.4	16.5	14.5	12.7	10.6	8.4	7.0
80°	37.2	34.9	32.5	30.0	27.1	24.1	21.4	18.8	16.3	13.6	10.8
77.5°	50.1	46.7	43.2	40.0	36.7	33.1	29.3	25.4	22.0	18.8	15.5
75°	63.8	59.7	55.5	51.1	46.7	42.1	37.8	33.3	28.7	24.1	20.1
72.5°	78.4	73.3	68.0	62.6	57.4	52.1	46.6	41.1	35.8	30.4	24.9
70°	93.4	87.2	81.0	74.9	68.5	61.9	55.7	49.2	42.8	36.6	30.4
67.5°	108.6	101.7	94.4	87.3	80.2	72.7	64.9	57.3	50.0	42.8	35.8
65°	124.7	116.4	107.9	99.8	91.7	83.5	75.0	65.6	57.0	49.0	41.1
62.5°	140.5	131.5	121.9	112.2	103.0	94.0	84.9	74.4	64.1	55.0	46.3
60°	155.8	145.7	135.4	124.7	114.2	104.1	94.0	83.0	71.8	60.9	51.4
57.5°	169.8	159.2	147.8	136.5	125.2	114.0	102.8	91.2	79.3	67.3	56.3
55°	183.0	171.4	159.5	147.3	135.4	123.5	111.4	99.0	86.5	73.7	61.2
52.5°	195.4	183.3	170.6	157.6	144.8	132.5	119.7	106.6	93.3	79.8	66.5
50°	206.2	194.8	181.4	167.7	153.8	140.8	127.8	113.9	99.9	85.7	71.7
47.5°	215.3	204.8	191.8	177.5	162.8	149.0	135.4	121.0	106.2	91.4	76.7
45°	224.2	214.1	201.5	186.8	171.8	157.1	142.7	127.9	112.4	96.8	81.5
42.5°	232.5	222.4	210.7	195.8	180.3	164.9	149.7	134.3	118.3	102.0	86.0
40°	239.6	229.7	219.4	204.5	188.3	172.3	156.5	140.5	123.9	107.0	90.3
37.5°	246.5	236.4	225.7	212.7	195.8	179.2	162.8	146.4	129.3	111.8	94.3
35°	253.2	242.7	231.4	219.0	202.8	185.6	168.7	152.0	134.4	116.3	98.1
32.5°	259.1	248.4	236.6	224.2	209.3	191.6	174.2	156.9	139.0	120.7	101.6
30°	266.2	253.2	241.4	229.2	214.8	197.1	179.2	161.5	143.4	124.7	104.9
27.5°	273.0	257.8	245.6	233.4	219.1	202.0	183.9	165.7	147.3	128.4	108.2
25°	279.6	263.0	249.5	236.9	223.3	206.8	188.2	169.6	150.8	131.7	111.2
22.5°	287.2	267.8	253.2	239.9	227.2	211.0	192.1	173.1	154.0	134.6	113.9
20°	293.9	271.8	256.6	242.8	230.2	214.3	195.6	176.2	156.8	137.1	116.4
17.5°	300.5	276.3	259.9	245.6	232.5	217.1	198.6	178.9	159.2	139.4	118.6
15°	309.6	281.4	262.7	247.9	234.4	219.5	201.2	181.3	161.3	141.3	120.6
12.5°	317.4	285.7	265.1	249.8	235.9	221.5	203.3	183.2	163.0	142.9	122.4
10°	323.8	289.2	266.9	251.3	237.1	223.1	205.0	184.9	164.6	144.4	123.8
7.5°	328.6	291.8	268.3	252.4	237.9	224.2	206.6	186.3	165.9	145.5	124.9
5°	331.9	293.4	269.4	253.0	238.3	224.9	207.8	187.4	166.9	146.3	125.8
2.5°	333.6	294.2	270.2	253.1	238.4	225.1	208.5	188.0	167.4	146.8	126.2
0°	333.7	294.0	270.5	252.8	238.1	224.9	208.7	188.2	167.6	147.0	126.4
-2.5°	333.6	294.2	270.2	253.1	238.4	225.1	208.5	188.0	167.4	146.8	126.2
-5°	331.9	293.4	269.4	253.0	238.3	224.9	207.8	187.4	166.9	146.3	125.8
-7.5°	328.6	291.8	268.3	252.4	237.9	224.2	206.6	186.3	165.9	145.5	124.9
-10°	323.8	289.2	266.9	251.3	237.1	223.1	205.0	184.9	164.6	144.4	123.8
-12.5°	317.4	285.7	265.1	249.8	235.9	221.5	203.3	183.2	163.0	142.9	122.4
-15°	309.6	281.4	262.7	247.9	234.4	219.5	201.2	181.3	161.3	141.3	120.6
-17.5°	300.5	276.3	259.9	245.6	232.5	217.1	198.6	178.9	159.2	139.4	118.6
-20°	293.9	271.8	256.6	242.8	230.2	214.3	195.6	176.2	156.8	137.1	116.4

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P626737 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	287.2	267.8	253.2	239.9	227.2	211.0	192.1	173.1	154.0	134.6	113.9
-25°	279.6	263.0	249.5	236.9	223.3	206.8	188.2	169.6	150.8	131.7	111.2
-27.5°	273.0	257.8	245.6	233.4	219.1	202.0	183.9	165.7	147.3	128.4	108.2
-30°	266.2	253.2	241.4	229.2	214.8	197.1	179.2	161.5	143.4	124.7	104.9
-32.5°	259.1	248.4	236.6	224.2	209.3	191.6	174.2	156.9	139.0	120.7	101.6
-35°	253.2	242.7	231.4	219.0	202.8	185.6	168.7	152.0	134.4	116.3	98.1
-37.5°	246.5	236.4	225.7	212.7	195.8	179.2	162.8	146.4	129.3	111.8	94.3
-40°	239.6	229.7	219.4	204.5	188.3	172.3	156.5	140.5	123.9	107.0	90.3
-42.5°	232.5	222.4	210.7	195.8	180.3	164.9	149.7	134.3	118.3	102.0	86.0
-45°	224.2	214.1	201.5	186.8	171.8	157.1	142.7	127.9	112.4	96.8	81.5
-47.5°	215.3	204.8	191.8	177.5	162.8	149.0	135.4	121.0	106.2	91.4	76.7
-50°	206.2	194.8	181.4	167.7	153.8	140.8	127.8	113.9	99.9	85.7	71.7
-52.5°	195.4	183.3	170.6	157.6	144.8	132.5	119.7	106.6	93.3	79.8	66.5
-55°	183.0	171.4	159.5	147.3	135.4	123.5	111.4	99.0	86.5	73.7	61.2
-57.5°	169.8	159.2	147.8	136.5	125.2	114.0	102.8	91.2	79.3	67.3	56.3
-60°	155.8	145.7	135.4	124.7	114.2	104.1	94.0	83.0	71.8	60.9	51.4
-62.5°	140.5	131.5	121.9	112.2	103.0	94.0	84.9	74.4	64.1	55.0	46.3
-65°	124.7	116.4	107.9	99.8	91.7	83.5	75.0	65.6	57.0	49.0	41.1
-67.5°	108.6	101.7	94.4	87.3	80.2	72.7	64.9	57.3	50.0	42.8	35.8
-70°	93.4	87.2	81.0	74.9	68.5	61.9	55.7	49.2	42.8	36.6	30.4
-72.5°	78.4	73.3	68.0	62.6	57.4	52.1	46.6	41.1	35.8	30.4	24.9
-75°	63.8	59.7	55.5	51.1	46.7	42.1	37.8	33.3	28.7	24.1	20.1
-77.5°	50.1	46.7	43.2	40.0	36.7	33.1	29.3	25.4	22.0	18.8	15.5
-80°	37.2	34.9	32.5	30.0	27.1	24.1	21.4	18.8	16.3	13.6	10.8
-82.5°	25.4	23.8	22.1	20.4	18.4	16.5	14.5	12.7	10.6	8.4	7.0
-85°	14.5	13.4	12.3	11.2	10.0	8.8	8.1	7.4	6.5	5.5	4.7
-87.5°	5.9	5.7	5.4	5.0	4.7	4.4	4.1	3.7	3.2	2.8	2.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GFLD-SA1D-735-U-MWR-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°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
85°	3.8	3.2	2.6	1.9	1.3	0.6	0.0
82.5°	5.7	4.8	3.8	2.9	1.9	1.0	0.0
80°	7.9	6.4	5.1	3.8	2.6	1.3	0.0
77.5°	12.0	8.6	6.4	4.8	3.2	1.6	0.0
75°	16.0	12.0	7.9	5.7	3.8	1.9	0.0
72.5°	20.0	15.3	10.6	6.7	4.4	2.2	0.0
70°	24.1	18.6	13.2	7.8	5.1	2.5	0.0
67.5°	28.7	21.9	15.8	9.7	5.7	2.8	0.0
65°	33.2	25.3	18.4	11.7	6.2	3.1	0.0
62.5°	37.6	29.0	20.9	13.6	6.8	3.4	0.0
60°	41.8	32.5	23.4	15.4	7.4	3.7	0.0
57.5°	46.1	35.9	26.1	17.2	8.6	4.0	0.0
55°	50.3	39.2	28.7	19.0	9.7	4.2	0.0
52.5°	54.4	42.5	31.2	20.7	10.8	4.5	0.0
50°	58.4	45.8	33.7	22.3	11.9	4.8	0.0
47.5°	62.3	49.0	36.0	23.9	12.9	5.0	0.0
45°	66.4	52.2	38.3	25.6	13.9	5.2	0.0
42.5°	70.3	55.2	40.4	27.2	14.8	5.5	0.0
40°	73.9	58.0	42.6	28.7	15.7	5.7	0.0
37.5°	77.4	60.8	44.8	30.1	16.5	5.9	0.0
35°	80.7	63.5	46.8	31.4	17.3	6.1	0.0
32.5°	83.7	66.0	48.8	32.6	18.0	6.2	0.0
30°	86.5	68.4	50.6	33.7	18.7	6.4	0.0
27.5°	89.1	70.6	52.3	34.7	19.3	6.6	0.0
25°	91.4	72.5	53.7	35.7	19.8	6.7	0.0
22.5°	93.5	74.3	55.1	36.5	20.3	6.8	0.0
20°	95.3	75.8	56.3	37.3	20.7	7.0	0.0
17.5°	97.0	77.1	57.3	37.9	21.1	7.1	0.0
15°	98.5	78.3	58.2	38.5	21.4	7.1	0.0
12.5°	99.8	79.2	58.9	38.9	21.7	7.2	0.0
10°	100.9	79.9	59.5	39.3	21.9	7.3	0.0
7.5°	101.8	80.5	60.0	39.5	22.0	7.3	0.0
5°	102.4	80.8	60.2	39.7	22.1	7.4	0.0
2.5°	102.8	81.0	60.3	39.7	22.1	7.4	0.0
0°	102.9	80.9	60.3	39.7	22.1	7.4	0.0
-2.5°	102.8	81.0	60.3	39.7	22.1	7.4	0.0
-5°	102.4	80.8	60.2	39.7	22.1	7.4	0.0
-7.5°	101.8	80.5	60.0	39.5	22.0	7.3	0.0
-10°	100.9	79.9	59.5	39.3	21.9	7.3	0.0
-12.5°	99.8	79.2	58.9	38.9	21.7	7.2	0.0
-15°	98.5	78.3	58.2	38.5	21.4	7.1	0.0
-17.5°	97.0	77.1	57.3	37.9	21.1	7.1	0.0
-20°	95.3	75.8	56.3	37.3	20.7	7.0	0.0

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CATALOG NUMBER: GFLD-SA1D-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	93.5	74.3	55.1	36.5	20.3	6.8	0.0
-25°	91.4	72.5	53.7	35.7	19.8	6.7	0.0
-27.5°	89.1	70.6	52.3	34.7	19.3	6.6	0.0
-30°	86.5	68.4	50.6	33.7	18.7	6.4	0.0
-32.5°	83.7	66.0	48.8	32.6	18.0	6.2	0.0
-35°	80.7	63.5	46.8	31.4	17.3	6.1	0.0
-37.5°	77.4	60.8	44.8	30.1	16.5	5.9	0.0
-40°	73.9	58.0	42.6	28.7	15.7	5.7	0.0
-42.5°	70.3	55.2	40.4	27.2	14.8	5.5	0.0
-45°	66.4	52.2	38.3	25.6	13.9	5.2	0.0
-47.5°	62.3	49.0	36.0	23.9	12.9	5.0	0.0
-50°	58.4	45.8	33.7	22.3	11.9	4.8	0.0
-52.5°	54.4	42.5	31.2	20.7	10.8	4.5	0.0
-55°	50.3	39.2	28.7	19.0	9.7	4.2	0.0
-57.5°	46.1	35.9	26.1	17.2	8.6	4.0	0.0
-60°	41.8	32.5	23.4	15.4	7.4	3.7	0.0
-62.5°	37.6	29.0	20.9	13.6	6.8	3.4	0.0
-65°	33.2	25.3	18.4	11.7	6.2	3.1	0.0
-67.5°	28.7	21.9	15.8	9.7	5.7	2.8	0.0
-70°	24.1	18.6	13.2	7.8	5.1	2.5	0.0
-72.5°	20.0	15.3	10.6	6.7	4.4	2.2	0.0
-75°	16.0	12.0	7.9	5.7	3.8	1.9	0.0
-77.5°	12.0	8.6	6.4	4.8	3.2	1.6	0.0
-80°	7.9	6.4	5.1	3.8	2.6	1.3	0.0
-82.5°	5.7	4.8	3.8	2.9	1.9	1.0	0.0
-85°	3.8	3.2	2.6	1.9	1.3	0.6	0.0
-87.5°	1.9	1.6	1.3	1.0	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)