

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: P626978 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2D-735-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626978 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2D-735-U-NR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (32) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

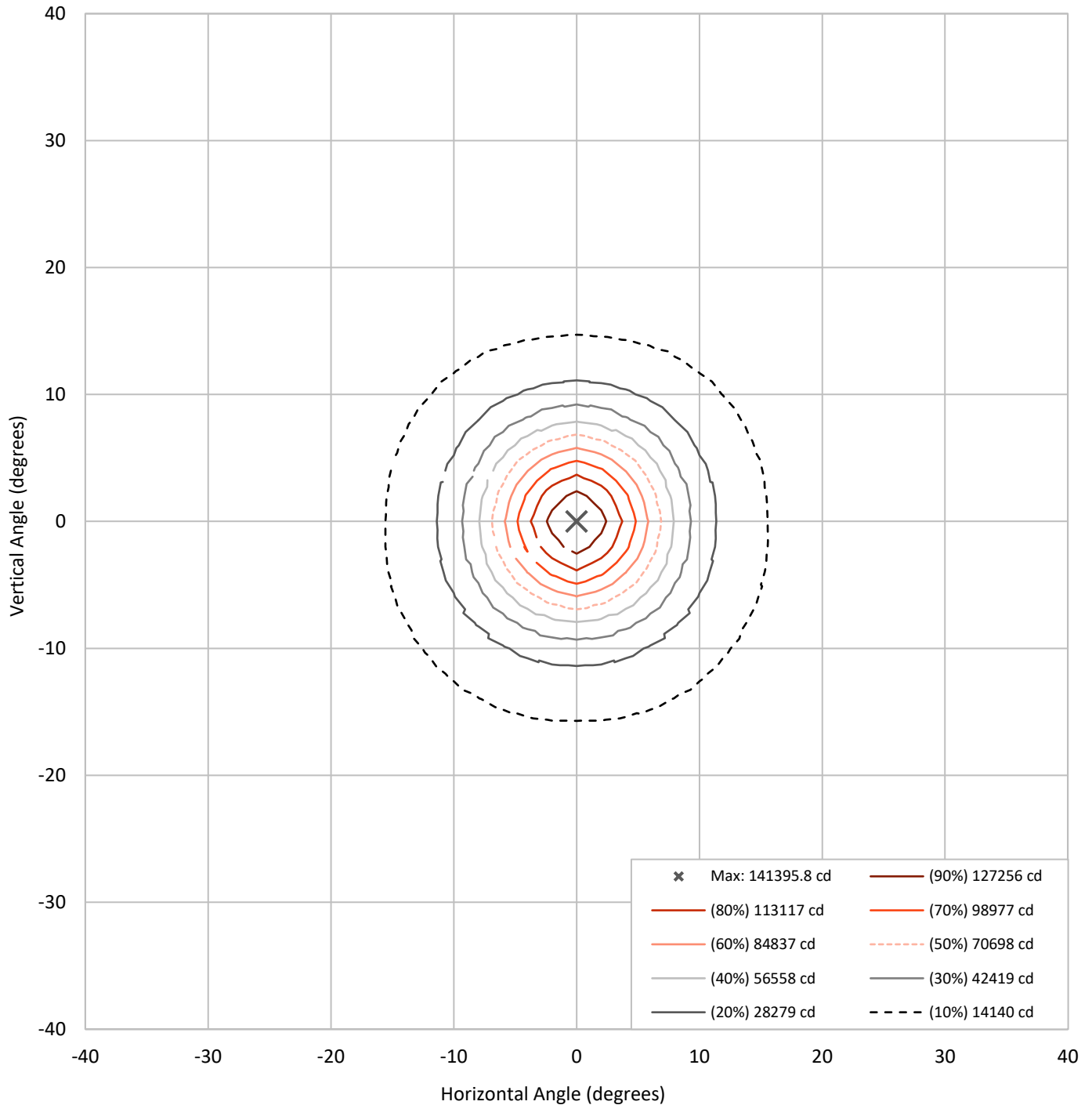
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	13949 lumens	Max Intensity:	141395.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	128.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	4453.2 lumens	Field Lumens:	9918.6 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	108.7		
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: P626978 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





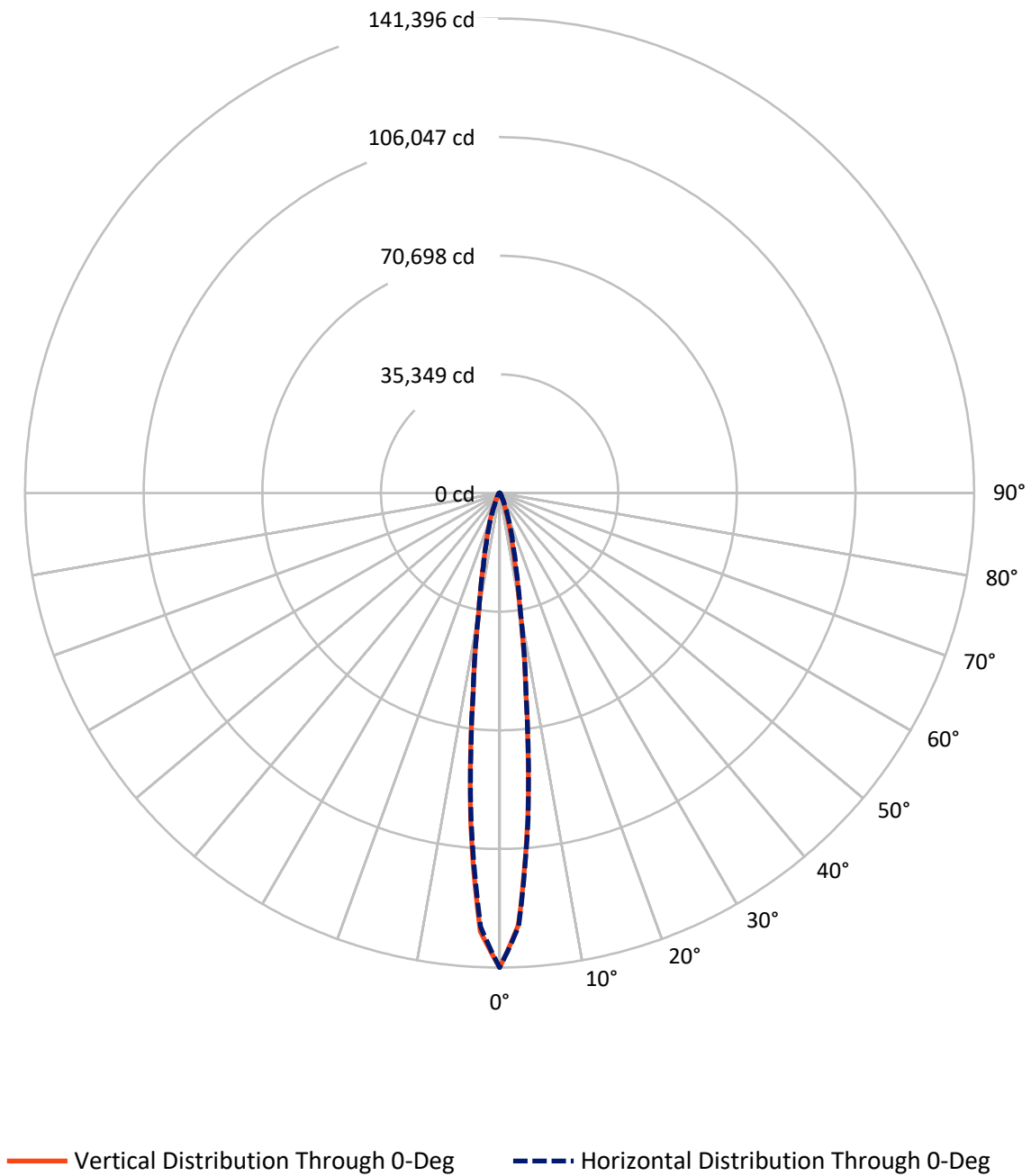
REPORT NUMBER: P626978 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
70	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
60		0.0	0.1	0.3	0.8	1.2	1.7	2.0	2.0	1.7	1.2	0.8	0.3	0.1				0.0
50	0.1	0.1	0.4	1.2	2.3	3.3	4.7	5.6	5.6	4.7	3.3	2.3	1.2	0.4	0.1	0.1	0.1	
40		0.2	1.0	2.4	4.2	6.7	11.3	14.4	14.4	11.3	6.7	4.2	2.4	1.0				0.2
30	0.1	0.4	1.6	3.6	6.5	14.2	37.9	62.8	62.8	37.9	14.2	6.5	3.6	1.6	0.1	0.1	0.1	
20		0.6	2.1	5.0	10.8	42.4	178.8	393.0	393.0	178.8	42.4	10.8	5.0	2.1				0.6
10	0.2	0.8	2.6	5.8	14.6	79.6	428.5	1921.6	1921.6	428.5	79.6	14.6	5.8	2.6	0.2	0.2	0.2	
0		0.9	2.8	6.1	15.7	84.8	443.5	1954.2	1954.2	443.5	84.8	15.7	6.1	2.8				0.9
-10	0.3	0.9	2.9	6.0	13.8	54.0	215.3	460.5	460.5	215.3	54.0	13.8	6.0	2.9	0.3	0.3	0.3	
-20		0.9	2.8	5.6	10.7	25.2	66.3	110.6	110.6	66.3	25.2	10.7	5.6	2.8				0.9
-30	0.2	0.8	2.5	4.9	8.3	13.9	22.5	28.7	28.7	22.5	13.9	8.3	4.9	2.5	0.2	0.2	0.2	
-40		0.6	2.0	4.1	6.7	9.7	13.0	14.5	14.5	13.0	9.7	6.7	4.1	2.0				0.6
-50	0.2	0.5	1.5	3.2	5.3	7.4	9.4	10.3	10.3	9.4	7.4	5.3	3.2	1.5	0.2	0.2	0.2	
-60		0.3	0.9	2.1	3.6	5.2	6.5	7.2	7.2	6.5	5.2	3.6	2.1	0.9				0.3
-70	0.1	0.5	1.5	3.2	5.3	7.4	9.4	10.3	10.3	9.4	7.4	5.3	3.2	1.5	0.1	0.1	0.1	
-80		0.3	0.9	2.1	3.6	5.2	6.5	7.2	7.2	6.5	5.2	3.6	2.1	0.9				0.3
-90	0.1	0.8	3.5	7.7	9.8	7.7	3.5	0.8	0.1	0.1	0.8	3.5	7.7	9.8	7.7	3.5	0.8	0.1

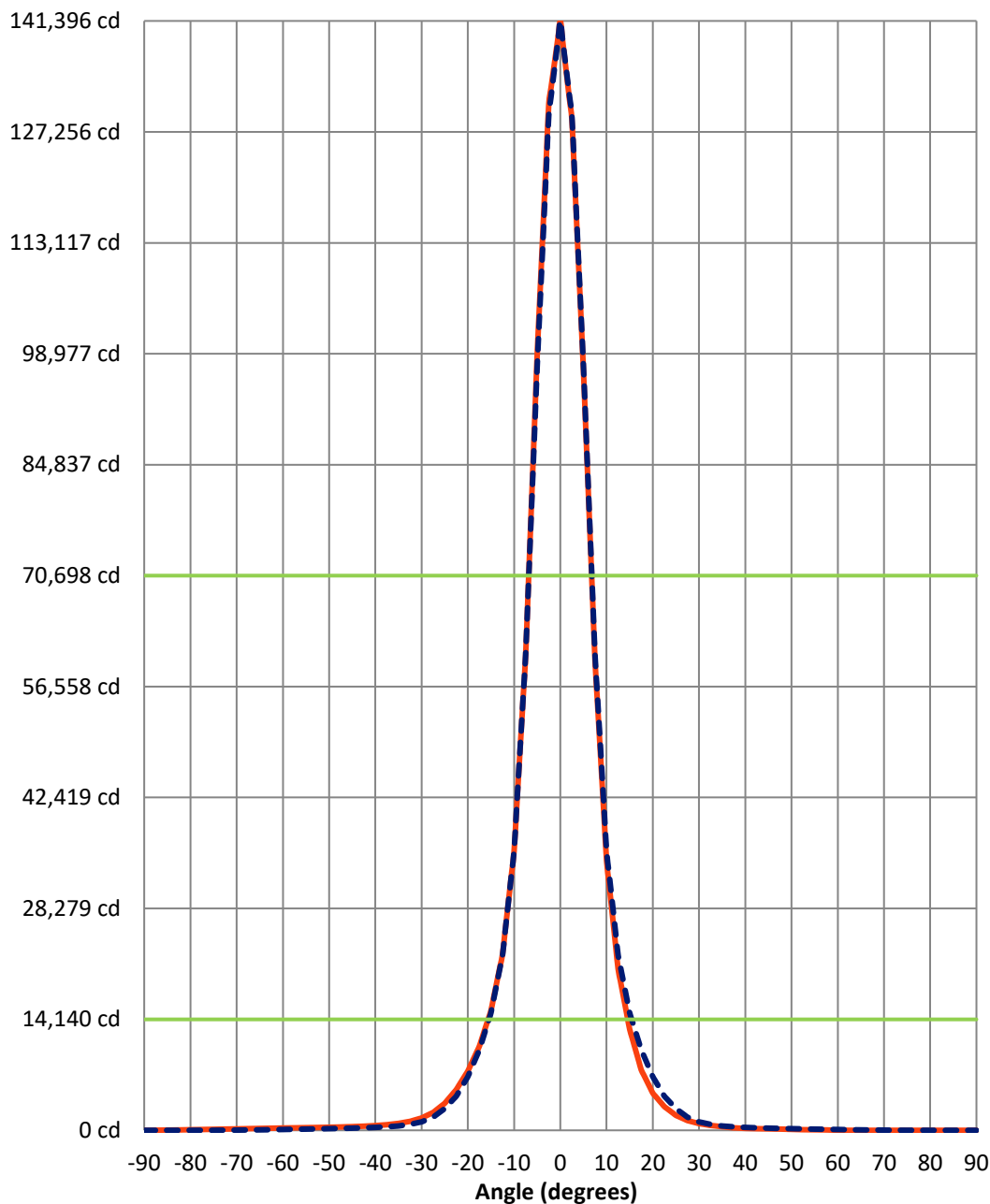
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 4453.2
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 9918.6
 Efficiency: 71.1%

Spill:
 Lumens: 4030.4
 Efficiency: 28.9%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.4	0.1	0.0	0.0	0.2	0.1	0.0	0.1	0.3	0.1
72.5°	0.0	0.5	0.1	0.0	0.3	0.5	0.2	0.2	0.6	0.7	0.3
70°	0.0	0.5	0.1	0.1	0.6	0.7	0.3	0.9	1.3	1.1	0.4
67.5°	0.0	0.6	0.2	0.4	0.9	0.9	1.1	1.7	1.9	1.2	0.5
65°	0.0	0.7	0.2	0.7	1.2	1.3	1.7	2.5	2.0	1.3	0.9
62.5°	0.0	0.8	0.3	1.0	1.5	1.7	2.4	2.8	2.1	1.6	1.9
60°	0.0	0.9	0.4	1.3	1.9	2.1	2.9	2.9	2.3	2.2	2.7
57.5°	0.0	0.9	0.7	1.6	2.1	2.4	3.0	3.0	2.5	2.7	3.0
55°	0.0	1.0	0.9	1.9	2.3	2.8	3.0	3.0	2.8	3.0	3.0
52.5°	0.0	1.1	1.1	2.2	2.5	3.0	3.0	3.0	2.9	3.0	3.0
50°	0.0	1.2	1.4	2.6	2.6	3.0	3.0	3.0	3.0	3.0	3.5
47.5°	0.0	1.3	1.6	2.8	2.8	3.0	3.0	3.0	3.0	3.0	4.1
45°	0.0	1.4	1.8	2.9	2.9	3.0	3.0	3.0	3.1	3.7	4.9
42.5°	0.0	1.5	1.9	3.0	3.0	3.0	3.0	3.1	3.3	4.6	6.6
40°	0.0	1.6	2.1	3.0	3.0	3.0	3.0	3.3	3.8	5.5	8.5
37.5°	0.0	1.7	2.2	3.0	3.0	3.0	3.0	3.6	4.9	6.9	10.5
35°	0.0	1.8	2.4	3.0	3.0	3.0	3.0	4.0	6.0	8.8	12.9
32.5°	0.0	1.8	2.5	3.0	3.0	3.0	3.1	4.4	7.1	10.7	16.0
30°	0.0	1.9	2.6	3.0	3.0	3.0	3.4	5.0	8.3	12.4	19.4
27.5°	0.0	2.0	2.7	3.0	3.0	3.0	3.7	6.0	9.7	14.1	23.0
25°	0.0	2.1	2.8	3.0	3.0	3.0	4.1	6.9	11.1	16.6	26.9
22.5°	0.0	2.2	2.8	3.0	3.0	3.1	4.5	7.9	12.5	19.6	31.5
20°	0.0	2.3	2.9	3.0	3.0	3.3	4.8	8.9	13.7	22.7	35.7
17.5°	0.0	2.4	2.9	3.0	3.0	3.5	5.4	9.8	14.9	25.8	39.5
15°	0.0	2.5	2.9	3.0	3.0	3.9	6.0	10.7	16.1	28.8	43.0
12.5°	0.0	2.6	3.0	3.0	3.0	4.2	6.6	11.6	17.6	31.7	46.1
10°	0.0	2.7	3.0	3.0	3.0	4.5	7.1	12.5	19.5	34.5	48.9
7.5°	0.0	2.8	3.0	3.0	3.0	4.9	7.6	13.2	21.4	36.8	51.4
5°	0.0	2.9	3.0	3.0	3.0	5.3	8.1	13.9	23.4	38.8	53.5
2.5°	0.0	2.9	3.0	3.0	3.0	5.7	8.6	14.5	25.2	40.5	55.3
0°	0.0	3.0	3.0	3.0	3.0	6.0	9.0	15.0	26.9	41.9	56.9
-2.5°	0.0	3.0	3.0	3.0	3.3	6.3	9.8	15.9	28.4	43.0	58.8
-5°	0.0	3.0	3.0	3.0	3.5	6.6	10.5	16.7	29.8	43.9	60.4
-7.5°	0.0	3.0	3.0	3.0	3.8	6.9	11.2	17.5	30.8	44.5	61.5
-10°	0.0	3.0	3.0	3.0	4.0	7.1	11.8	18.1	31.6	45.0	62.3
-12.5°	0.0	2.9	3.0	3.0	4.2	7.3	12.3	18.7	32.1	45.5	63.4
-15°	0.0	2.9	3.0	3.0	4.4	7.5	12.6	19.1	32.2	46.4	64.5
-17.5°	0.0	2.9	3.0	3.0	4.5	7.6	12.9	19.6	32.0	46.8	65.0
-20°	0.0	2.8	3.0	3.0	4.6	7.7	13.1	20.0	31.6	46.8	64.9

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA2D-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.8	3.0	3.0	4.6	7.8	13.2	20.2	30.9	46.3	64.2
-25°	0.0	2.7	3.0	3.0	4.6	7.9	13.3	20.3	29.9	45.2	62.8
-27.5°	0.0	2.7	3.0	3.0	4.5	8.2	13.3	20.2	28.7	43.7	61.4
-30°	0.0	2.6	3.0	3.0	4.4	8.3	13.2	20.0	28.1	42.1	59.4
-32.5°	0.0	2.5	3.0	3.0	4.4	8.3	13.1	19.8	27.7	40.2	56.6
-35°	0.0	2.5	3.0	3.0	4.3	8.3	13.1	19.5	27.2	38.1	53.0
-37.5°	0.0	2.4	3.0	3.0	4.2	8.2	13.0	19.1	26.4	35.7	50.9
-40°	0.0	2.3	3.0	3.0	4.1	8.1	12.8	18.7	25.4	34.1	49.1
-42.5°	0.0	2.2	3.0	3.0	4.0	7.8	12.6	18.2	24.6	33.4	46.7
-45°	0.0	2.1	3.0	3.1	4.2	7.5	12.2	17.6	23.9	32.4	44.2
-47.5°	0.0	2.0	3.0	3.2	4.2	7.1	11.7	17.0	23.1	31.0	42.5
-50°	0.0	1.9	3.0	3.2	4.3	6.7	11.1	16.3	22.2	29.9	40.3
-52.5°	0.0	1.8	3.0	3.2	4.3	6.1	10.4	15.4	21.1	28.2	37.6
-55°	0.0	1.7	3.0	3.2	4.2	5.9	9.6	14.4	19.8	26.1	34.9
-57.5°	0.0	1.6	3.0	3.2	4.2	5.8	8.7	13.2	18.4	24.2	31.6
-60°	0.0	1.5	3.0	3.2	4.1	5.6	7.8	12.0	16.8	22.3	28.3
-62.5°	0.0	1.4	2.8	3.2	4.0	5.4	7.4	10.6	15.1	20.1	25.8
-65°	0.0	1.3	2.5	3.1	3.8	5.1	6.9	9.3	13.2	17.9	23.0
-67.5°	0.0	1.1	2.3	3.1	3.7	4.8	6.4	8.5	11.2	15.4	20.1
-70°	0.0	1.0	2.0	3.0	3.5	4.4	5.8	7.7	10.0	12.8	17.0
-72.5°	0.0	0.9	1.8	2.7	3.3	4.0	5.2	6.8	8.8	11.2	13.9
-75°	0.0	0.8	1.6	2.3	3.0	3.6	4.5	5.9	7.4	9.4	11.7
-77.5°	0.0	0.6	1.3	1.9	2.6	3.2	3.8	5.1	6.5	7.8	9.4
-80°	0.0	0.5	1.0	1.6	2.1	2.6	3.1	4.3	5.5	6.7	7.9
-82.5°	0.0	0.4	0.8	1.2	1.6	1.9	2.3	3.3	4.5	5.6	6.7
-85°	0.0	0.3	0.5	0.8	1.0	1.3	1.6	2.2	3.1	4.0	5.0
-87.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	1.1	1.5	2.0	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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.2	0.9	1.0	0.6	0.0	0.0	0.0	0.2	0.0	0.0	0.0
65°	1.5	1.9	1.5	0.8	0.1	0.7	1.0	0.8	0.1	0.0	0.0
62.5°	2.8	2.4	1.7	1.2	1.7	2.3	1.8	1.0	0.3	1.4	2.1
60°	3.0	2.5	2.1	2.4	3.0	2.7	2.0	2.9	4.4	5.5	6.7
57.5°	3.0	2.8	2.7	3.2	3.4	3.4	5.3	7.0	10.0	12.4	14.0
55°	3.1	3.0	3.4	4.1	5.1	7.2	9.8	13.8	17.0	21.9	26.1
52.5°	3.4	3.4	4.6	6.1	9.1	12.4	17.0	22.7	29.1	33.8	38.9
50°	3.9	5.0	6.4	10.3	14.3	19.5	27.1	35.3	40.7	46.2	53.5
47.5°	5.3	6.8	10.6	15.0	20.8	29.1	39.6	45.5	50.9	59.4	68.4
45°	7.2	10.2	14.8	21.0	29.0	40.6	48.9	53.7	62.9	72.8	83.1
42.5°	9.2	14.1	20.4	26.9	39.5	50.5	58.0	65.7	75.0	86.5	97.8
40°	12.5	17.9	26.4	36.7	49.5	60.2	69.6	78.5	87.6	102.7	114.6
37.5°	15.8	23.7	33.3	46.1	59.4	71.1	81.6	92.7	105.8	122.8	133.5
35°	19.0	29.7	41.5	55.1	69.2	82.5	95.1	108.1	125.0	141.1	153.9
32.5°	23.6	35.8	49.1	63.8	78.4	93.4	108.7	124.2	140.9	157.3	174.2
30°	29.2	42.4	56.4	72.1	86.8	104.2	121.9	138.4	155.1	172.5	191.5
27.5°	34.9	48.6	63.7	79.6	95.0	114.7	133.9	151.0	168.3	186.9	208.6
25°	40.2	54.7	70.6	86.2	104.3	125.5	146.4	166.3	180.9	202.1	227.4
22.5°	45.3	60.8	77.8	92.2	113.2	136.3	160.7	182.1	199.4	218.3	247.1
20°	50.3	67.0	84.5	100.7	122.3	147.1	176.0	198.1	219.5	243.9	273.3
17.5°	55.1	72.8	91.2	110.4	133.2	158.9	191.7	214.2	239.8	269.0	306.0
15°	59.7	78.2	97.9	119.4	143.0	170.7	202.3	230.4	261.0	294.7	338.4
12.5°	63.9	83.1	104.5	127.8	151.6	180.8	211.2	241.1	276.3	320.4	375.4
10°	67.8	87.5	110.9	135.5	159.2	189.4	219.1	250.1	287.4	335.8	398.8
7.5°	71.0	92.0	116.9	142.5	165.7	196.5	225.9	257.6	296.6	348.5	414.4
5°	73.7	96.7	122.6	146.9	171.1	202.6	231.6	263.6	303.9	358.4	425.7
2.5°	76.0	101.0	127.5	150.2	175.7	208.1	236.1	270.1	311.4	366.1	436.1
0°	77.8	104.8	131.7	152.6	179.6	212.5	239.4	275.3	317.2	371.1	445.9
-2.5°	81.4	107.9	134.2	155.4	183.7	213.2	241.6	276.0	319.4	375.0	447.7
-5°	84.5	110.4	136.0	157.6	186.8	213.1	242.5	275.4	320.2	377.2	451.0
-7.5°	86.8	112.3	137.2	159.3	188.4	214.1	243.9	277.6	322.6	379.3	455.2
-10°	88.4	113.7	138.2	161.5	188.8	215.1	244.4	278.1	322.2	378.0	452.9
-12.5°	89.2	114.5	138.7	162.6	188.7	215.0	243.7	276.8	318.9	373.2	443.7
-15°	89.4	114.8	138.6	162.8	188.3	213.8	241.8	273.7	313.0	365.3	429.1
-17.5°	89.1	114.7	138.1	161.8	187.6	211.3	238.8	269.4	306.9	355.8	417.4
-20°	88.4	114.0	137.0	159.6	186.7	209.0	235.8	265.4	300.7	345.0	400.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626978 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	87.1	113.0	135.5	157.4	183.3	206.9	231.9	260.1	291.8	331.8	380.7
-25°	85.7	110.9	133.7	155.7	179.5	203.7	227.0	253.8	282.9	321.4	365.4
-27.5°	83.8	108.3	131.0	153.4	175.5	199.3	222.1	247.4	276.2	310.1	349.5
-30°	81.0	104.6	127.4	150.2	172.0	194.4	216.4	240.5	267.6	299.6	335.9
-32.5°	77.5	100.6	122.8	145.4	168.1	189.4	210.1	233.3	258.8	286.8	321.4
-35°	73.9	96.2	117.9	139.4	163.3	183.9	203.9	225.1	248.8	274.9	303.0
-37.5°	70.6	91.5	112.7	133.0	155.6	177.0	196.5	216.6	238.5	262.5	288.0
-40°	67.1	86.5	107.1	126.9	146.8	168.6	188.0	207.5	227.7	251.7	274.5
-42.5°	63.4	82.2	101.4	120.7	139.7	159.2	178.6	197.3	218.6	241.4	263.7
-45°	60.2	77.8	95.5	114.3	133.1	150.7	168.9	186.4	208.0	230.7	252.6
-47.5°	56.6	73.2	90.4	107.5	125.9	143.5	159.8	177.5	196.0	217.4	240.2
-50°	52.9	68.6	84.4	100.5	117.9	135.6	152.2	168.5	185.9	203.5	223.3
-52.5°	49.7	63.4	78.1	92.9	109.3	126.6	143.3	159.7	175.7	192.2	209.1
-55°	45.9	58.5	71.5	85.3	99.7	116.2	132.8	148.8	165.1	180.6	197.1
-57.5°	41.7	53.0	64.8	77.8	90.9	104.4	120.5	136.4	151.7	167.4	184.4
-60°	36.9	47.0	57.8	69.7	82.5	94.9	107.9	122.6	137.4	152.2	168.0
-62.5°	32.0	40.7	50.5	60.9	72.6	84.8	96.7	109.3	122.6	135.5	149.1
-65°	28.7	34.9	43.0	52.3	62.0	72.8	84.1	95.7	107.4	118.4	128.9
-67.5°	25.2	30.8	36.8	43.6	52.4	61.6	70.6	80.9	91.5	101.6	111.3
-70°	21.5	26.4	31.8	37.5	43.7	51.2	59.7	67.9	76.0	84.5	93.6
-72.5°	17.6	21.9	26.5	31.4	36.8	42.7	49.2	56.3	63.5	70.5	77.6
-75°	14.5	17.3	21.1	25.3	29.8	34.5	39.2	44.8	50.9	57.0	63.0
-77.5°	11.9	14.6	17.2	19.7	23.0	27.2	31.4	35.5	39.8	44.4	49.4
-80°	9.7	11.7	14.1	16.5	18.7	21.3	24.2	27.4	30.4	33.5	36.9
-82.5°	8.1	9.6	11.3	13.2	14.5	15.9	17.4	19.3	21.3	23.4	25.5
-85°	6.2	7.5	8.6	9.8	10.5	11.1	11.9	12.7	14.0	15.2	16.5
-87.5°	3.1	3.7	4.4	5.2	5.5	5.8	6.1	6.4	7.2	8.0	8.9
-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: P626978 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.2	0.0	0.0	0.0	0.0	0.6	0.7	0.6	0.3	0.0	0.0
62.5°	1.8	1.5	2.3	3.1	3.4	3.3	3.1	2.7	2.3	2.2	2.5
60°	7.2	7.1	9.8	11.2	10.2	7.2	11.3	13.3	12.8	11.0	10.9
57.5°	17.6	21.3	24.0	25.3	29.2	35.7	36.9	34.8	34.0	34.7	40.1
55°	30.4	33.5	35.1	40.5	45.3	48.8	50.9	53.0	56.0	59.7	63.6
52.5°	43.1	47.2	50.5	55.3	61.1	63.1	62.6	70.0	75.7	79.4	80.9
50°	59.1	64.3	71.8	79.4	82.7	86.0	89.4	95.4	104.3	115.3	121.6
47.5°	76.4	84.7	92.5	101.2	105.6	109.0	114.1	124.7	137.3	149.2	155.4
45°	92.0	99.4	108.3	115.8	121.2	127.9	135.2	144.8	158.9	171.3	179.9
42.5°	104.6	112.8	122.0	131.1	136.6	145.6	156.7	169.8	184.5	197.4	207.0
40°	122.1	129.1	143.8	152.4	154.6	162.9	185.3	203.1	219.8	235.7	243.6
37.5°	143.3	157.0	172.2	180.0	187.7	202.4	232.4	261.1	282.4	304.0	315.7
35°	167.4	185.4	206.1	215.3	231.9	263.9	299.1	339.1	388.9	409.7	428.7
32.5°	190.9	210.9	230.0	250.8	279.7	318.1	357.7	422.5	483.1	529.9	564.2
30°	211.6	232.9	256.6	283.4	324.1	376.9	443.2	527.0	612.3	686.8	749.8
27.5°	232.2	256.3	284.6	324.5	381.8	453.5	559.2	678.9	821.3	926.3	1051.5
25°	254.7	282.3	318.5	376.4	453.7	560.9	730.0	924.2	1157.8	1347.2	1545.4
22.5°	281.3	322.2	368.1	432.6	567.7	744.3	975.2	1307.3	1666.6	1998.7	2318.6
20°	313.5	369.4	443.1	561.7	735.3	996.3	1397.5	1927.5	2455.9	3018.6	3560.3
17.5°	359.4	440.0	554.4	723.4	952.1	1468.4	2119.4	2939.2	3992.3	4946.7	5779.9
15°	402.5	498.7	679.4	932.0	1330.9	2015.3	3004.0	4357.1	5998.4	7494.2	9074.0
12.5°	447.7	561.3	768.9	1090.5	1644.7	2535.7	3925.3	5779.1	7834.3	10088.7	12656.5
10°	483.5	621.5	870.0	1277.8	1961.0	3070.5	4725.6	6973.9	9705.0	13041.3	17146.2
7.5°	507.7	669.7	953.5	1414.9	2252.1	3617.4	5609.9	8312.3	11726.5	16146.5	21890.2
5°	526.6	706.5	1016.3	1539.9	2498.4	4034.9	6265.0	9484.2	13523.1	19445.1	29179.2
2.5°	541.8	734.7	1055.1	1625.9	2653.0	4325.6	6704.5	10147.3	14592.6	21883.8	34512.5
0°	553.7	760.2	1080.4	1679.0	2771.4	4354.6	6841.7	10268.6	14976.4	22323.9	35660.2
-2.5°	558.8	773.8	1089.2	1690.6	2759.5	4404.6	6883.6	10365.5	14962.0	22082.7	34378.3
-5°	567.2	773.6	1082.6	1678.8	2697.7	4275.5	6610.3	9823.2	14059.3	20183.5	30257.0
-7.5°	573.2	761.3	1051.2	1602.7	2535.8	3996.6	6129.9	8924.6	12416.5	17066.4	23305.2
-10°	567.7	737.6	999.0	1475.1	2284.0	3549.1	5399.4	7738.3	10640.5	14086.5	18325.3
-12.5°	546.3	693.9	913.7	1296.3	1957.9	3047.9	4664.5	6655.9	8803.9	11224.1	14153.2
-15°	519.3	646.8	836.9	1173.7	1716.1	2551.0	3731.3	5346.8	7069.9	8907.4	10866.9
-17.5°	498.3	605.4	762.8	1006.7	1405.6	2069.5	2997.0	4144.6	5410.8	6809.8	7971.0
-20°	469.8	554.4	686.6	885.7	1190.1	1629.9	2305.4	3139.2	3974.8	4958.4	5760.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626978 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	441.3	515.0	615.6	761.3	987.8	1320.1	1737.4	2294.1	2905.2	3469.8	4025.6
-25°	414.8	471.6	552.9	672.5	826.2	1052.9	1350.0	1669.3	2072.1	2415.8	2797.2
-27.5°	393.4	442.2	502.2	589.8	709.1	854.9	1067.6	1281.6	1493.4	1666.8	1929.4
-30°	372.7	412.0	462.2	524.7	614.0	726.4	864.5	1003.3	1125.6	1237.1	1373.8
-32.5°	352.4	384.3	422.8	474.7	538.8	623.3	708.2	807.6	892.6	971.1	1043.6
-35°	332.0	360.4	389.8	433.5	484.6	544.6	606.3	673.7	732.6	785.4	832.1
-37.5°	313.6	338.6	366.2	398.8	440.0	485.1	535.5	584.5	623.3	657.6	685.9
-40°	298.1	320.8	344.4	370.5	401.9	437.5	480.3	521.1	548.3	569.2	586.4
-42.5°	284.2	304.2	324.3	346.5	370.6	401.4	435.2	468.9	487.4	503.6	516.0
-45°	273.2	288.5	305.4	324.3	345.6	371.5	398.0	421.3	437.7	451.7	462.0
-47.5°	258.4	273.2	287.9	303.5	323.4	344.9	366.8	384.7	399.1	411.2	419.2
-50°	242.2	257.8	271.2	284.9	303.2	321.5	339.2	353.9	367.6	379.5	385.8
-52.5°	225.5	242.2	256.3	269.6	285.0	300.9	316.8	329.5	341.5	352.7	357.4
-55°	213.4	228.8	243.3	255.9	268.6	281.3	294.3	307.4	319.3	329.9	333.1
-57.5°	200.4	216.0	230.4	241.7	253.2	264.7	276.6	288.4	299.8	310.0	312.6
-60°	184.4	201.4	214.2	224.9	236.0	247.3	257.7	268.3	278.9	287.8	290.7
-62.5°	164.2	179.7	192.3	203.5	214.3	224.2	234.3	244.1	253.7	260.7	263.1
-65°	140.0	153.2	166.1	177.9	188.4	198.0	207.3	216.3	225.0	231.2	234.3
-67.5°	120.9	130.3	140.8	150.9	161.5	171.3	179.7	187.6	195.1	200.3	203.6
-70°	102.4	111.4	121.2	130.9	140.1	148.1	154.8	161.3	167.7	172.3	175.8
-72.5°	84.8	92.4	100.6	109.1	117.5	124.7	130.9	136.7	142.2	146.1	149.4
-75°	68.8	75.1	82.0	88.9	95.7	101.5	106.6	111.6	116.5	120.0	123.0
-77.5°	54.6	60.0	65.3	70.7	76.1	80.3	84.1	87.8	91.4	94.2	96.7
-80°	40.5	44.7	48.9	53.2	57.5	60.7	63.5	66.2	68.8	70.4	71.9
-82.5°	27.7	30.6	33.6	36.6	39.7	42.0	44.3	46.5	48.7	49.4	50.0
-85°	17.7	19.1	20.7	22.3	24.1	25.4	26.6	27.7	28.9	29.9	30.9
-87.5°	9.8	10.1	10.4	10.6	10.9	11.8	12.7	13.6	14.5	14.6	14.8
-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: P626978 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6
62.5°	2.7	2.9	3.0	3.0	3.0	2.9	2.7	2.5	2.2	2.3	2.7
60°	10.3	9.1	8.9	9.0	8.9	9.1	10.3	10.9	11.0	12.8	13.3
57.5°	45.5	50.7	52.1	50.9	52.1	50.7	45.5	40.1	34.7	34.0	34.8
55°	66.2	67.8	68.6	68.8	68.6	67.8	66.2	63.6	59.7	56.0	53.0
52.5°	81.3	80.7	80.6	80.8	80.6	80.7	81.3	80.9	79.4	75.7	70.0
50°	122.1	119.9	119.0	119.7	119.0	119.9	122.1	121.6	115.3	104.3	95.4
47.5°	156.1	156.8	157.8	158.6	157.8	156.8	156.1	155.4	149.2	137.3	124.7
45°	182.3	183.9	185.0	185.6	185.0	183.9	182.3	179.9	171.3	158.9	144.8
42.5°	209.1	209.2	208.9	209.5	208.9	209.2	209.1	207.0	197.4	184.5	169.8
40°	246.8	247.6	246.7	245.4	246.7	247.6	246.8	243.6	235.7	219.8	203.1
37.5°	322.5	323.6	320.0	317.2	320.0	323.6	322.5	315.7	304.0	282.4	261.1
35°	446.0	458.8	464.9	466.9	464.9	458.8	446.0	428.7	409.7	388.9	339.1
32.5°	587.9	605.7	614.6	622.5	614.6	605.7	587.9	564.2	529.9	483.1	422.5
30°	791.1	823.9	838.4	859.0	838.4	823.9	791.1	749.8	686.8	612.3	527.0
27.5°	1122.7	1180.4	1212.4	1242.0	1212.4	1180.4	1122.7	1051.5	926.3	821.3	678.9
25°	1689.4	1800.6	1872.5	1906.5	1872.5	1800.6	1689.4	1545.4	1347.2	1157.8	924.2
22.5°	2628.1	2833.1	2991.2	3022.8	2991.2	2833.1	2628.1	2318.6	1998.7	1666.6	1307.3
20°	4085.8	4379.1	4617.6	4737.7	4617.6	4379.1	4085.8	3560.3	3018.6	2455.9	1927.5
17.5°	6772.4	7382.3	7660.9	7706.7	7660.9	7382.3	6772.4	5779.9	4946.7	3992.3	2939.2
15°	10769.2	11801.3	12456.5	12878.4	12456.5	11801.3	10769.2	9074.0	7494.2	5998.4	4357.1
12.5°	15329.5	18262.2	19930.9	20567.1	19930.9	18262.2	15329.5	12656.5	10088.7	7834.3	5779.1
10°	21518.8	28422.7	32405.2	34409.2	32405.2	28422.7	21518.8	17146.2	13041.3	9705.0	6973.9
7.5°	32023.5	42686.7	54501.1	59967.0	54501.1	42686.7	32023.5	21890.2	16146.5	11726.5	8312.3
5°	43066.4	66478.5	87027.5	96867.7	87027.5	66478.5	43066.4	29179.2	19445.1	13523.1	9484.2
2.5°	55758.6	87332.0	116524.1	128798.8	116524.1	87332.0	55758.6	34512.5	21883.8	14592.6	10147.3
0°	60643.3	97421.4	129348.0	141395.8	129348.0	97421.4	60643.3	35660.2	22323.9	14976.4	10268.6
-2.5°	56513.7	88861.6	117025.7	130792.0	117025.7	88861.6	56513.7	34378.3	22082.7	14962.0	10365.5
-5°	44903.1	66844.9	87703.1	98920.8	87703.1	66844.9	44903.1	30257.0	20183.5	14059.3	9823.2
-7.5°	32956.1	44900.9	56484.9	60535.6	56484.9	44900.9	32956.1	23305.2	17066.4	12416.5	8924.6
-10°	22944.7	29784.8	34299.9	35588.4	34299.9	29784.8	22944.7	18325.3	14086.5	10640.5	7738.3
-12.5°	17011.2	20003.0	22084.7	22446.6	22084.7	20003.0	17011.2	14153.2	11224.1	8803.9	6655.9
-15°	12596.3	14117.8	15191.5	15263.7	15191.5	14117.8	12596.3	10866.9	8907.4	7069.9	5346.8
-17.5°	9208.0	10229.2	10771.1	10732.5	10771.1	10229.2	9208.0	7971.0	6809.8	5410.8	4144.6
-20°	6584.2	7199.8	7636.4	7551.0	7636.4	7199.8	6584.2	5760.6	4958.4	3974.8	3139.2



REPORT NUMBER: P626978 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4591.0	4999.7	5255.5	5189.7	5255.5	4999.7	4591.0	4025.6	3469.8	2905.2	2294.1
-25°	3119.5	3342.2	3468.8	3447.8	3468.8	3342.2	3119.5	2797.2	2415.8	2072.1	1669.3
-27.5°	2125.8	2243.4	2282.6	2280.6	2282.6	2243.4	2125.8	1929.4	1666.8	1493.4	1281.6
-30°	1475.4	1554.5	1599.7	1571.3	1599.7	1554.5	1475.4	1373.8	1237.1	1125.6	1003.3
-32.5°	1099.7	1144.3	1170.1	1143.3	1170.1	1144.3	1099.7	1043.6	971.1	892.6	807.6
-35°	866.6	889.2	898.3	882.9	898.3	889.2	866.6	832.1	785.4	732.6	673.7
-37.5°	706.5	719.8	724.3	715.3	724.3	719.8	706.5	685.9	657.6	623.3	584.5
-40°	598.7	606.8	608.8	601.6	608.8	606.8	598.7	586.4	569.2	548.3	521.1
-42.5°	523.8	528.7	529.8	526.7	529.8	528.7	523.8	516.0	503.6	487.4	468.9
-45°	468.2	472.3	473.1	469.9	473.1	472.3	468.2	462.0	451.7	437.7	421.3
-47.5°	423.1	425.7	426.3	425.0	426.3	425.7	423.1	419.2	411.2	399.1	384.7
-50°	388.6	390.4	390.5	389.1	390.5	390.4	388.6	385.8	379.5	367.6	353.9
-52.5°	359.6	360.9	361.7	362.1	361.7	360.9	359.6	357.4	352.7	341.5	329.5
-55°	335.3	336.9	337.9	338.2	337.9	336.9	335.3	333.1	329.9	319.3	307.4
-57.5°	314.6	316.0	316.9	317.2	316.9	316.0	314.6	312.6	310.0	299.8	288.4
-60°	293.0	294.8	295.9	296.3	295.9	294.8	293.0	290.7	287.8	278.9	268.3
-62.5°	264.6	265.4	266.1	266.4	266.1	265.4	264.6	263.1	260.7	253.7	244.1
-65°	236.6	238.2	239.1	239.4	239.1	238.2	236.6	234.3	231.2	225.0	216.3
-67.5°	206.3	208.4	210.6	212.5	210.6	208.4	206.3	203.6	200.3	195.1	187.6
-70°	178.9	181.6	182.4	182.6	182.4	181.6	178.9	175.8	172.3	167.7	161.3
-72.5°	152.2	154.7	156.8	158.6	156.8	154.7	152.2	149.4	146.1	142.2	136.7
-75°	125.6	128.0	128.5	128.7	128.5	128.0	125.6	123.0	120.0	116.5	111.6
-77.5°	99.1	101.2	101.7	101.8	101.7	101.2	99.1	96.7	94.2	91.4	87.8
-80°	73.2	74.4	76.2	77.8	76.2	74.4	73.2	71.9	70.4	68.8	66.2
-82.5°	50.4	50.7	50.8	50.9	50.8	50.7	50.4	50.0	49.4	48.7	46.5
-85°	31.8	32.8	32.9	32.9	32.9	32.8	31.8	30.9	29.9	28.9	27.7
-87.5°	14.9	14.9	15.0	15.0	15.0	14.9	14.9	14.8	14.6	14.5	13.6
-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: P626978 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
65°	0.7	0.6	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.1	0.8
62.5°	3.1	3.3	3.4	3.1	2.3	1.5	1.8	2.1	1.4	0.3	1.0
60°	11.3	7.2	10.2	11.2	9.8	7.1	7.2	6.7	5.5	4.4	2.9
57.5°	36.9	35.7	29.2	25.3	24.0	21.3	17.6	14.0	12.4	10.0	7.0
55°	50.9	48.8	45.3	40.5	35.1	33.5	30.4	26.1	21.9	17.0	13.8
52.5°	62.6	63.1	61.1	55.3	50.5	47.2	43.1	38.9	33.8	29.1	22.7
50°	89.4	86.0	82.7	79.4	71.8	64.3	59.1	53.5	46.2	40.7	35.3
47.5°	114.1	109.0	105.6	101.2	92.5	84.7	76.4	68.4	59.4	50.9	45.5
45°	135.2	127.9	121.2	115.8	108.3	99.4	92.0	83.1	72.8	62.9	53.7
42.5°	156.7	145.6	136.6	131.1	122.0	112.8	104.6	97.8	86.5	75.0	65.7
40°	185.3	162.9	154.6	152.4	143.8	129.1	122.1	114.6	102.7	87.6	78.5
37.5°	232.4	202.4	187.7	180.0	172.2	157.0	143.3	133.5	122.8	105.8	92.7
35°	299.1	263.9	231.9	215.3	206.1	185.4	167.4	153.9	141.1	125.0	108.1
32.5°	357.7	318.1	279.7	250.8	230.0	210.9	190.9	174.2	157.3	140.9	124.2
30°	443.2	376.9	324.1	283.4	256.6	232.9	211.6	191.5	172.5	155.1	138.4
27.5°	559.2	453.5	381.8	324.5	284.6	256.3	232.2	208.6	186.9	168.3	151.0
25°	730.0	560.9	453.7	376.4	318.5	282.3	254.7	227.4	202.1	180.9	166.3
22.5°	975.2	744.3	567.7	432.6	368.1	322.2	281.3	247.1	218.3	199.4	182.1
20°	1397.5	996.3	735.3	561.7	443.1	369.4	313.5	273.3	243.9	219.5	198.1
17.5°	2119.4	1468.4	952.1	723.4	554.4	440.0	359.4	306.0	269.0	239.8	214.2
15°	3004.0	2015.3	1330.9	932.0	679.4	498.7	402.5	338.4	294.7	261.0	230.4
12.5°	3925.3	2535.7	1644.7	1090.5	768.9	561.3	447.7	375.4	320.4	276.3	241.1
10°	4725.6	3070.5	1961.0	1277.8	870.0	621.5	483.5	398.8	335.8	287.4	250.1
7.5°	5609.9	3617.4	2252.1	1414.9	953.5	669.7	507.7	414.4	348.5	296.6	257.6
5°	6265.0	4034.9	2498.4	1539.9	1016.3	706.5	526.6	425.7	358.4	303.9	263.6
2.5°	6704.5	4325.6	2653.0	1625.9	1055.1	734.7	541.8	436.1	366.1	311.4	270.1
0°	6841.7	4354.6	2771.4	1679.0	1080.4	760.2	553.7	445.9	371.1	317.2	275.3
-2.5°	6883.6	4404.6	2759.5	1690.6	1089.2	773.8	558.8	447.7	375.0	319.4	276.0
-5°	6610.3	4275.5	2697.7	1678.8	1082.6	773.6	567.2	451.0	377.2	320.2	275.4
-7.5°	6129.9	3996.6	2535.8	1602.7	1051.2	761.3	573.2	455.2	379.3	322.6	277.6
-10°	5399.4	3549.1	2284.0	1475.1	999.0	737.6	567.7	452.9	378.0	322.2	278.1
-12.5°	4664.5	3047.9	1957.9	1296.3	913.7	693.9	546.3	443.7	373.2	318.9	276.8
-15°	3731.3	2551.0	1716.1	1173.7	836.9	646.8	519.3	429.1	365.3	313.0	273.7
-17.5°	2997.0	2069.5	1405.6	1006.7	762.8	605.4	498.3	417.4	355.8	306.9	269.4
-20°	2305.4	1629.9	1190.1	885.7	686.6	554.4	469.8	400.0	345.0	300.7	265.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626978 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1737.4	1320.1	987.8	761.3	615.6	515.0	441.3	380.7	331.8	291.8	260.1
-25°	1350.0	1052.9	826.2	672.5	552.9	471.6	414.8	365.4	321.4	282.9	253.8
-27.5°	1067.6	854.9	709.1	589.8	502.2	442.2	393.4	349.5	310.1	276.2	247.4
-30°	864.5	726.4	614.0	524.7	462.2	412.0	372.7	335.9	299.6	267.6	240.5
-32.5°	708.2	623.3	538.8	474.7	422.8	384.3	352.4	321.4	286.8	258.8	233.3
-35°	606.3	544.6	484.6	433.5	389.8	360.4	332.0	303.0	274.9	248.8	225.1
-37.5°	535.5	485.1	440.0	398.8	366.2	338.6	313.6	288.0	262.5	238.5	216.6
-40°	480.3	437.5	401.9	370.5	344.4	320.8	298.1	274.5	251.7	227.7	207.5
-42.5°	435.2	401.4	370.6	346.5	324.3	304.2	284.2	263.7	241.4	218.6	197.3
-45°	398.0	371.5	345.6	324.3	305.4	288.5	273.2	252.6	230.7	208.0	186.4
-47.5°	366.8	344.9	323.4	303.5	287.9	273.2	258.4	240.2	217.4	196.0	177.5
-50°	339.2	321.5	303.2	284.9	271.2	257.8	242.2	223.3	203.5	185.9	168.5
-52.5°	316.8	300.9	285.0	269.6	256.3	242.2	225.5	209.1	192.2	175.7	159.7
-55°	294.3	281.3	268.6	255.9	243.3	228.8	213.4	197.1	180.6	165.1	148.8
-57.5°	276.6	264.7	253.2	241.7	230.4	216.0	200.4	184.4	167.4	151.7	136.4
-60°	257.7	247.3	236.0	224.9	214.2	201.4	184.4	168.0	152.2	137.4	122.6
-62.5°	234.3	224.2	214.3	203.5	192.3	179.7	164.2	149.1	135.5	122.6	109.3
-65°	207.3	198.0	188.4	177.9	166.1	153.2	140.0	128.9	118.4	107.4	95.7
-67.5°	179.7	171.3	161.5	150.9	140.8	130.3	120.9	111.3	101.6	91.5	80.9
-70°	154.8	148.1	140.1	130.9	121.2	111.4	102.4	93.6	84.5	76.0	67.9
-72.5°	130.9	124.7	117.5	109.1	100.6	92.4	84.8	77.6	70.5	63.5	56.3
-75°	106.6	101.5	95.7	88.9	82.0	75.1	68.8	63.0	57.0	50.9	44.8
-77.5°	84.1	80.3	76.1	70.7	65.3	60.0	54.6	49.4	44.4	39.8	35.5
-80°	63.5	60.7	57.5	53.2	48.9	44.7	40.5	36.9	33.5	30.4	27.4
-82.5°	44.3	42.0	39.7	36.6	33.6	30.6	27.7	25.5	23.4	21.3	19.3
-85°	26.6	25.4	24.1	22.3	20.7	19.1	17.7	16.5	15.2	14.0	12.7
-87.5°	12.7	11.8	10.9	10.6	10.4	10.1	9.8	8.9	8.0	7.2	6.4
-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: P626978 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7	0.6	0.2
70°	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.4	1.1	1.3	0.9
67.5°	0.0	0.0	0.0	0.6	1.0	0.9	0.2	0.5	1.2	1.9	1.7
65°	1.0	0.7	0.1	0.8	1.5	1.9	1.5	0.9	1.3	2.0	2.5
62.5°	1.8	2.3	1.7	1.2	1.7	2.4	2.8	1.9	1.6	2.1	2.8
60°	2.0	2.7	3.0	2.4	2.1	2.5	3.0	2.7	2.2	2.3	2.9
57.5°	5.3	3.4	3.4	3.2	2.7	2.8	3.0	3.0	2.7	2.5	3.0
55°	9.8	7.2	5.1	4.1	3.4	3.0	3.1	3.0	3.0	2.8	3.0
52.5°	17.0	12.4	9.1	6.1	4.6	3.4	3.4	3.0	3.0	2.9	3.0
50°	27.1	19.5	14.3	10.3	6.4	5.0	3.9	3.5	3.0	3.0	3.0
47.5°	39.6	29.1	20.8	15.0	10.6	6.8	5.3	4.1	3.0	3.0	3.0
45°	48.9	40.6	29.0	21.0	14.8	10.2	7.2	4.9	3.7	3.1	3.0
42.5°	58.0	50.5	39.5	26.9	20.4	14.1	9.2	6.6	4.6	3.3	3.1
40°	69.6	60.2	49.5	36.7	26.4	17.9	12.5	8.5	5.5	3.8	3.3
37.5°	81.6	71.1	59.4	46.1	33.3	23.7	15.8	10.5	6.9	4.9	3.6
35°	95.1	82.5	69.2	55.1	41.5	29.7	19.0	12.9	8.8	6.0	4.0
32.5°	108.7	93.4	78.4	63.8	49.1	35.8	23.6	16.0	10.7	7.1	4.4
30°	121.9	104.2	86.8	72.1	56.4	42.4	29.2	19.4	12.4	8.3	5.0
27.5°	133.9	114.7	95.0	79.6	63.7	48.6	34.9	23.0	14.1	9.7	6.0
25°	146.4	125.5	104.3	86.2	70.6	54.7	40.2	26.9	16.6	11.1	6.9
22.5°	160.7	136.3	113.2	92.2	77.8	60.8	45.3	31.5	19.6	12.5	7.9
20°	176.0	147.1	122.3	100.7	84.5	67.0	50.3	35.7	22.7	13.7	8.9
17.5°	191.7	158.9	133.2	110.4	91.2	72.8	55.1	39.5	25.8	14.9	9.8
15°	202.3	170.7	143.0	119.4	97.9	78.2	59.7	43.0	28.8	16.1	10.7
12.5°	211.2	180.8	151.6	127.8	104.5	83.1	63.9	46.1	31.7	17.6	11.6
10°	219.1	189.4	159.2	135.5	110.9	87.5	67.8	48.9	34.5	19.5	12.5
7.5°	225.9	196.5	165.7	142.5	116.9	92.0	71.0	51.4	36.8	21.4	13.2
5°	231.6	202.6	171.1	146.9	122.6	96.7	73.7	53.5	38.8	23.4	13.9
2.5°	236.1	208.1	175.7	150.2	127.5	101.0	76.0	55.3	40.5	25.2	14.5
0°	239.4	212.5	179.6	152.6	131.7	104.8	77.8	56.9	41.9	26.9	15.0
-2.5°	241.6	213.2	183.7	155.4	134.2	107.9	81.4	58.8	43.0	28.4	15.9
-5°	242.5	213.1	186.8	157.6	136.0	110.4	84.5	60.4	43.9	29.8	16.7
-7.5°	243.9	214.1	188.4	159.3	137.2	112.3	86.8	61.5	44.5	30.8	17.5
-10°	244.4	215.1	188.8	161.5	138.2	113.7	88.4	62.3	45.0	31.6	18.1
-12.5°	243.7	215.0	188.7	162.6	138.7	114.5	89.2	63.4	45.5	32.1	18.7
-15°	241.8	213.8	188.3	162.8	138.6	114.8	89.4	64.5	46.4	32.2	19.1
-17.5°	238.8	211.3	187.6	161.8	138.1	114.7	89.1	65.0	46.8	32.0	19.6
-20°	235.8	209.0	186.7	159.6	137.0	114.0	88.4	64.9	46.8	31.6	20.0

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626978 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2D-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	231.9	206.9	183.3	157.4	135.5	113.0	87.1	64.2	46.3	30.9	20.2
-25°	227.0	203.7	179.5	155.7	133.7	110.9	85.7	62.8	45.2	29.9	20.3
-27.5°	222.1	199.3	175.5	153.4	131.0	108.3	83.8	61.4	43.7	28.7	20.2
-30°	216.4	194.4	172.0	150.2	127.4	104.6	81.0	59.4	42.1	28.1	20.0
-32.5°	210.1	189.4	168.1	145.4	122.8	100.6	77.5	56.6	40.2	27.7	19.8
-35°	203.9	183.9	163.3	139.4	117.9	96.2	73.9	53.0	38.1	27.2	19.5
-37.5°	196.5	177.0	155.6	133.0	112.7	91.5	70.6	50.9	35.7	26.4	19.1
-40°	188.0	168.6	146.8	126.9	107.1	86.5	67.1	49.1	34.1	25.4	18.7
-42.5°	178.6	159.2	139.7	120.7	101.4	82.2	63.4	46.7	33.4	24.6	18.2
-45°	168.9	150.7	133.1	114.3	95.5	77.8	60.2	44.2	32.4	23.9	17.6
-47.5°	159.8	143.5	125.9	107.5	90.4	73.2	56.6	42.5	31.0	23.1	17.0
-50°	152.2	135.6	117.9	100.5	84.4	68.6	52.9	40.3	29.9	22.2	16.3
-52.5°	143.3	126.6	109.3	92.9	78.1	63.4	49.7	37.6	28.2	21.1	15.4
-55°	132.8	116.2	99.7	85.3	71.5	58.5	45.9	34.9	26.1	19.8	14.4
-57.5°	120.5	104.4	90.9	77.8	64.8	53.0	41.7	31.6	24.2	18.4	13.2
-60°	107.9	94.9	82.5	69.7	57.8	47.0	36.9	28.3	22.3	16.8	12.0
-62.5°	96.7	84.8	72.6	60.9	50.5	40.7	32.0	25.8	20.1	15.1	10.6
-65°	84.1	72.8	62.0	52.3	43.0	34.9	28.7	23.0	17.9	13.2	9.3
-67.5°	70.6	61.6	52.4	43.6	36.8	30.8	25.2	20.1	15.4	11.2	8.5
-70°	59.7	51.2	43.7	37.5	31.8	26.4	21.5	17.0	12.8	10.0	7.7
-72.5°	49.2	42.7	36.8	31.4	26.5	21.9	17.6	13.9	11.2	8.8	6.8
-75°	39.2	34.5	29.8	25.3	21.1	17.3	14.5	11.7	9.4	7.4	5.9
-77.5°	31.4	27.2	23.0	19.7	17.2	14.6	11.9	9.4	7.8	6.5	5.1
-80°	24.2	21.3	18.7	16.5	14.1	11.7	9.7	7.9	6.7	5.5	4.3
-82.5°	17.4	15.9	14.5	13.2	11.3	9.6	8.1	6.7	5.6	4.5	3.3
-85°	11.9	11.1	10.5	9.8	8.6	7.5	6.2	5.0	4.0	3.1	2.2
-87.5°	6.1	5.8	5.5	5.2	4.4	3.7	3.1	2.5	2.0	1.5	1.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GFLD-SA2D-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.1	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
77.5°	0.0	0.1	0.0	0.0	0.0	0.3	0.0
75°	0.1	0.2	0.0	0.0	0.1	0.4	0.0
72.5°	0.2	0.5	0.3	0.0	0.1	0.5	0.0
70°	0.3	0.7	0.6	0.1	0.1	0.5	0.0
67.5°	1.1	0.9	0.9	0.4	0.2	0.6	0.0
65°	1.7	1.3	1.2	0.7	0.2	0.7	0.0
62.5°	2.4	1.7	1.5	1.0	0.3	0.8	0.0
60°	2.9	2.1	1.9	1.3	0.4	0.9	0.0
57.5°	3.0	2.4	2.1	1.6	0.7	0.9	0.0
55°	3.0	2.8	2.3	1.9	0.9	1.0	0.0
52.5°	3.0	3.0	2.5	2.2	1.1	1.1	0.0
50°	3.0	3.0	2.6	2.6	1.4	1.2	0.0
47.5°	3.0	3.0	2.8	2.8	1.6	1.3	0.0
45°	3.0	3.0	2.9	2.9	1.8	1.4	0.0
42.5°	3.0	3.0	3.0	3.0	1.9	1.5	0.0
40°	3.0	3.0	3.0	3.0	2.1	1.6	0.0
37.5°	3.0	3.0	3.0	3.0	2.2	1.7	0.0
35°	3.0	3.0	3.0	3.0	2.4	1.8	0.0
32.5°	3.1	3.0	3.0	3.0	2.5	1.8	0.0
30°	3.4	3.0	3.0	3.0	2.6	1.9	0.0
27.5°	3.7	3.0	3.0	3.0	2.7	2.0	0.0
25°	4.1	3.0	3.0	3.0	2.8	2.1	0.0
22.5°	4.5	3.1	3.0	3.0	2.8	2.2	0.0
20°	4.8	3.3	3.0	3.0	2.9	2.3	0.0
17.5°	5.4	3.5	3.0	3.0	2.9	2.4	0.0
15°	6.0	3.9	3.0	3.0	2.9	2.5	0.0
12.5°	6.6	4.2	3.0	3.0	3.0	2.6	0.0
10°	7.1	4.5	3.0	3.0	3.0	2.7	0.0
7.5°	7.6	4.9	3.0	3.0	3.0	2.8	0.0
5°	8.1	5.3	3.0	3.0	3.0	2.9	0.0
2.5°	8.6	5.7	3.0	3.0	3.0	2.9	0.0
0°	9.0	6.0	3.0	3.0	3.0	3.0	0.0
-2.5°	9.8	6.3	3.3	3.0	3.0	3.0	0.0
-5°	10.5	6.6	3.5	3.0	3.0	3.0	0.0
-7.5°	11.2	6.9	3.8	3.0	3.0	3.0	0.0
-10°	11.8	7.1	4.0	3.0	3.0	3.0	0.0
-12.5°	12.3	7.3	4.2	3.0	3.0	2.9	0.0
-15°	12.6	7.5	4.4	3.0	3.0	2.9	0.0
-17.5°	12.9	7.6	4.5	3.0	3.0	2.9	0.0
-20°	13.1	7.7	4.6	3.0	3.0	2.8	0.0

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CATALOG NUMBER: GFLD-SA2D-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	13.2	7.8	4.6	3.0	3.0	2.8	0.0
-25°	13.3	7.9	4.6	3.0	3.0	2.7	0.0
-27.5°	13.3	8.2	4.5	3.0	3.0	2.7	0.0
-30°	13.2	8.3	4.4	3.0	3.0	2.6	0.0
-32.5°	13.1	8.3	4.4	3.0	3.0	2.5	0.0
-35°	13.1	8.3	4.3	3.0	3.0	2.5	0.0
-37.5°	13.0	8.2	4.2	3.0	3.0	2.4	0.0
-40°	12.8	8.1	4.1	3.0	3.0	2.3	0.0
-42.5°	12.6	7.8	4.0	3.0	3.0	2.2	0.0
-45°	12.2	7.5	4.2	3.1	3.0	2.1	0.0
-47.5°	11.7	7.1	4.2	3.2	3.0	2.0	0.0
-50°	11.1	6.7	4.3	3.2	3.0	1.9	0.0
-52.5°	10.4	6.1	4.3	3.2	3.0	1.8	0.0
-55°	9.6	5.9	4.2	3.2	3.0	1.7	0.0
-57.5°	8.7	5.8	4.2	3.2	3.0	1.6	0.0
-60°	7.8	5.6	4.1	3.2	3.0	1.5	0.0
-62.5°	7.4	5.4	4.0	3.2	2.8	1.4	0.0
-65°	6.9	5.1	3.8	3.1	2.5	1.3	0.0
-67.5°	6.4	4.8	3.7	3.1	2.3	1.1	0.0
-70°	5.8	4.4	3.5	3.0	2.0	1.0	0.0
-72.5°	5.2	4.0	3.3	2.7	1.8	0.9	0.0
-75°	4.5	3.6	3.0	2.3	1.6	0.8	0.0
-77.5°	3.8	3.2	2.6	1.9	1.3	0.6	0.0
-80°	3.1	2.6	2.1	1.6	1.0	0.5	0.0
-82.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0
-85°	1.6	1.3	1.0	0.8	0.5	0.3	0.0
-87.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)