

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: P626530 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-722-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
 Report Number: P626530 (CONVERTED FROM TYPE C PHOTOMETRY)
 TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)
 Test Lab: COOPER LIGHTING SOLUTIONS
 Issue Date: 12/7/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: MCGRAW-EDISON
 Catalog Number: GFLD-SA1A-722-U-VWR-VSR-XX
 Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
 Light Source: (16) 2200K CCT, 70 CRI LEDS
 Ballast/Driver: -

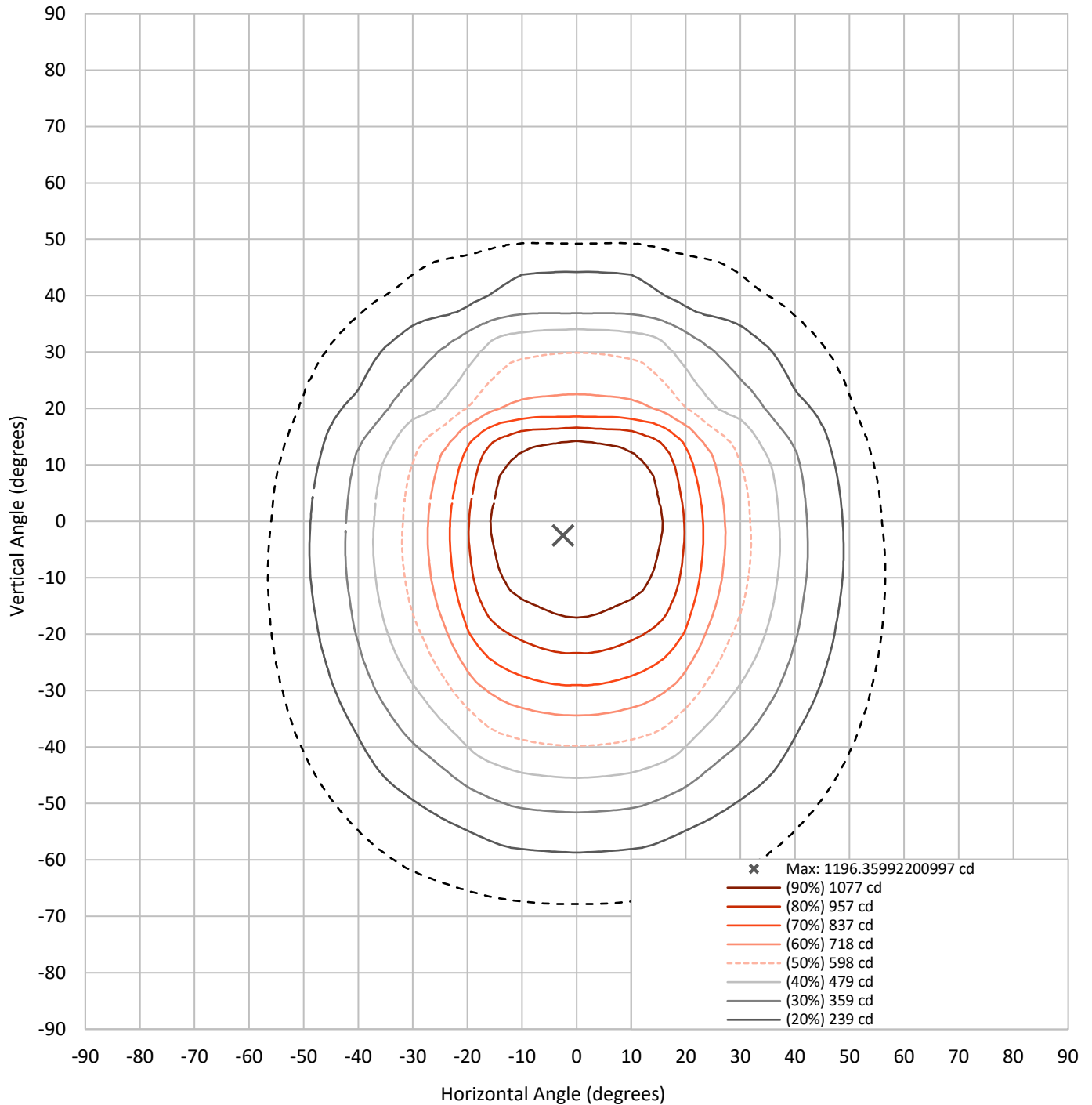
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	1596.5 lumens	Max Intensity:	1196.4 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	88.2 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	923.7 lumens	Field Lumens:	1515 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	18.1		
Input Voltage (V):	120		
Input Current (A _{in}):	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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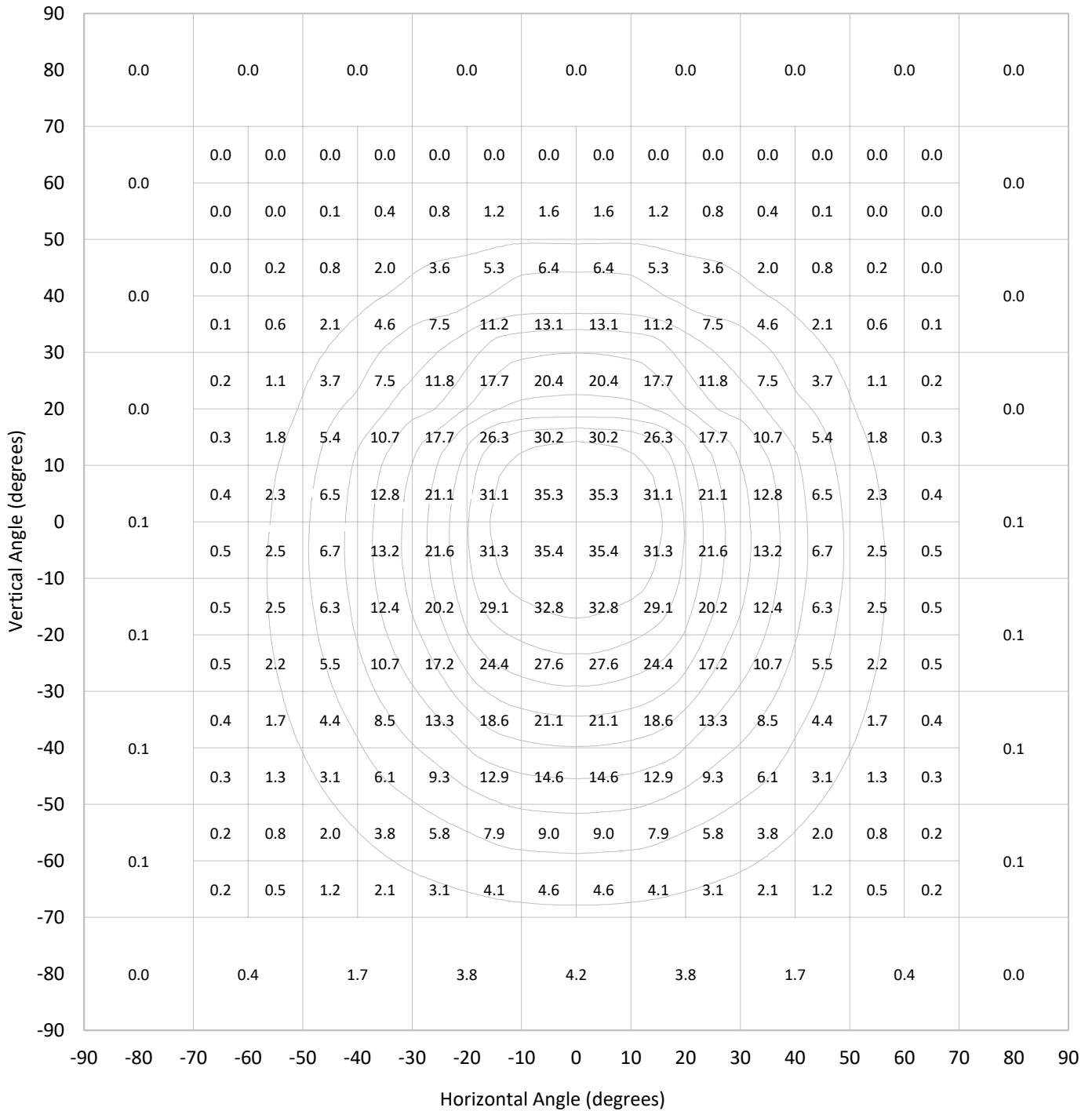
Iso-Candela Plot





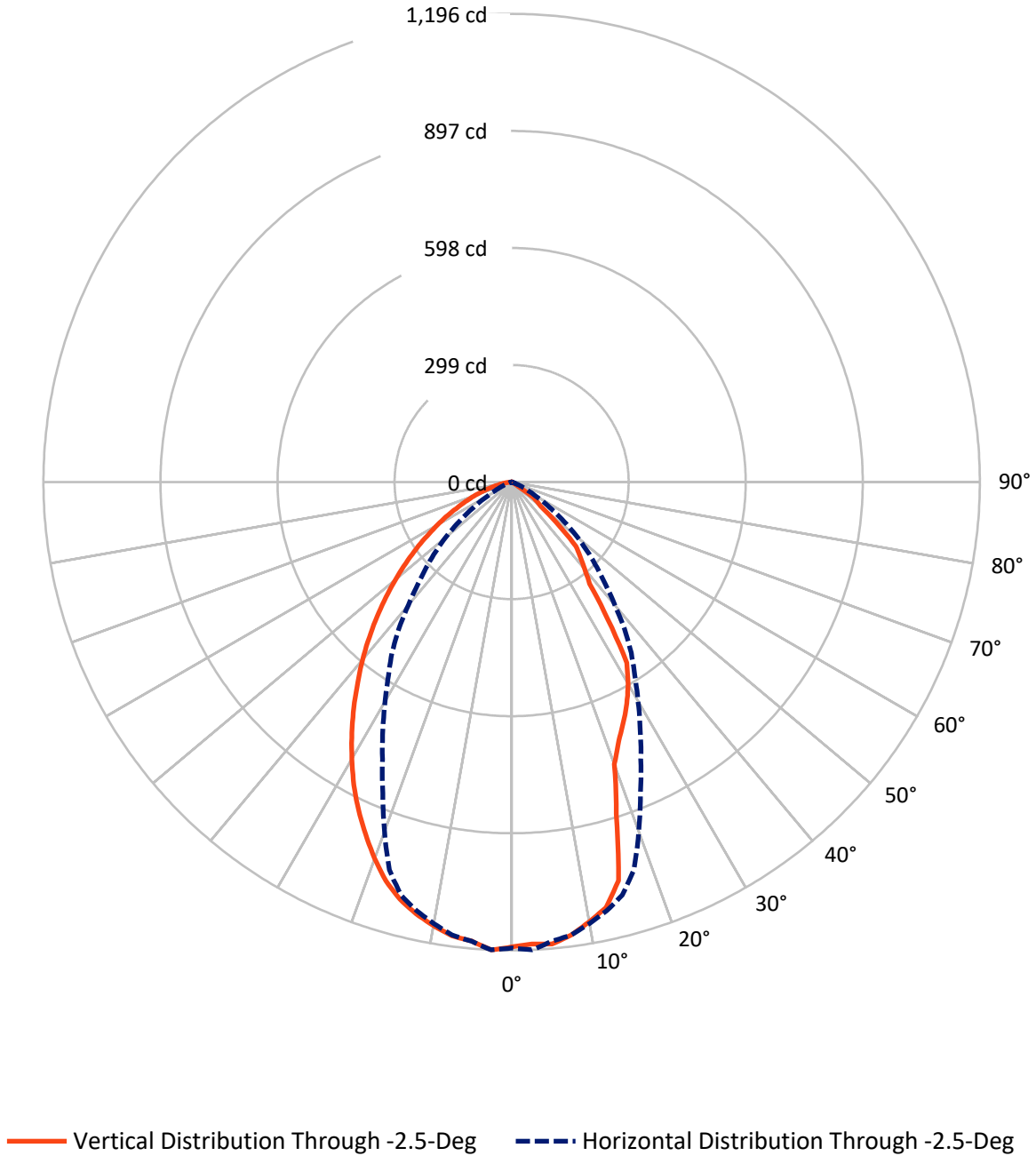
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Lumen Table



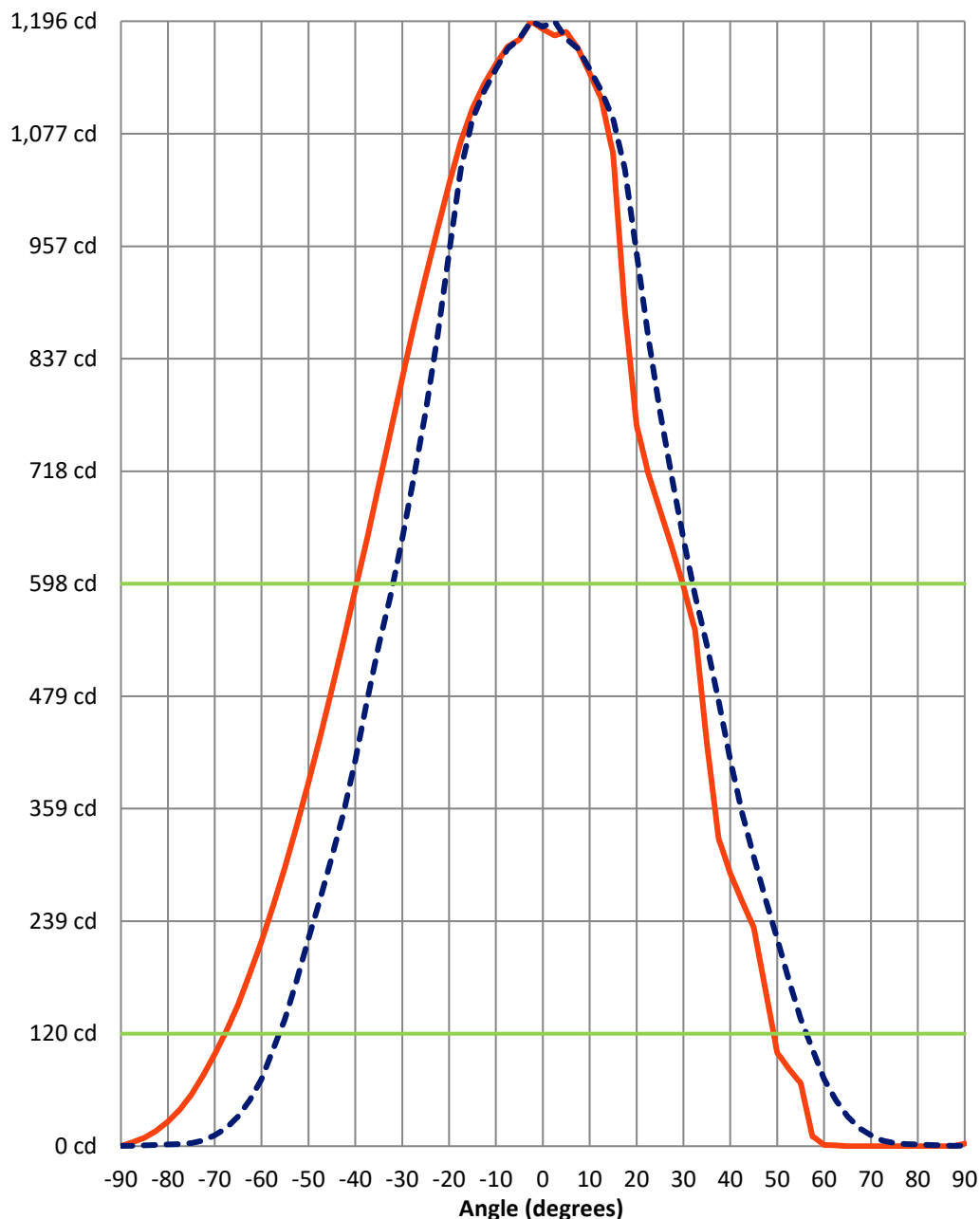
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 923.7
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 1515
 Efficiency: 94.9%

Spill:
 Lumens: 81.5
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg
 - - Horizontal Distribution through -2.5-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°	0.4	0.4	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.2	1.3
87.5°	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.1	0.0
85°	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.1	0.0	0.0
82.5°	0.4	0.4	0.4	0.4	0.3	0.2	0.1	0.0	0.0	0.1	0.1
80°	0.4	0.4	0.4	0.4	0.3	0.1	0.0	0.1	0.1	0.2	0.3
77.5°	0.4	0.4	0.4	0.3	0.2	0.1	0.1	0.2	0.3	0.4	0.4
75°	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.3	0.4	0.3	0.2
72.5°	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.3	0.2	0.1
70°	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.3	0.2	0.2
67.5°	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.4
65°	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5
62.5°	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.7	0.6
60°	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.7	0.8	0.7
57.5°	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.8	0.9	0.9	0.8
55°	0.4	0.4	0.4	0.4	0.5	0.6	0.7	0.9	1.0	1.0	1.1
52.5°	0.4	0.4	0.4	0.4	0.6	0.7	0.8	1.0	1.1	1.2	1.3
50°	0.4	0.4	0.4	0.4	0.6	0.8	1.0	1.1	1.3	1.4	1.5
47.5°	0.4	0.4	0.4	0.4	0.7	0.8	1.1	1.3	1.5	1.6	1.7
45°	0.4	0.4	0.5	0.5	0.7	0.9	1.2	1.4	1.6	1.8	1.9
42.5°	0.4	0.4	0.5	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.3
40°	0.4	0.4	0.5	0.6	0.9	1.1	1.4	1.7	2.0	2.1	2.8
37.5°	0.4	0.4	0.5	0.6	0.9	1.2	1.5	1.9	2.2	2.4	3.3
35°	0.4	0.4	0.5	0.7	1.0	1.3	1.6	2.0	2.4	3.0	4.2
32.5°	0.4	0.4	0.6	0.7	1.0	1.3	1.7	2.2	2.6	3.7	5.9
30°	0.4	0.4	0.6	0.8	1.1	1.4	1.8	2.4	2.8	4.4	7.6
27.5°	0.4	0.4	0.6	0.9	1.1	1.5	1.9	2.5	3.2	5.3	9.2
25°	0.4	0.4	0.6	0.9	1.2	1.5	2.1	2.7	3.8	6.5	10.9
22.5°	0.4	0.4	0.7	1.0	1.3	1.6	2.2	2.9	4.5	7.8	13.0
20°	0.4	0.4	0.7	1.0	1.3	1.7	2.3	3.1	5.2	9.1	15.2
17.5°	0.4	0.4	0.7	1.1	1.4	1.8	2.5	3.2	5.9	10.3	17.3
15°	0.4	0.4	0.7	1.1	1.5	1.9	2.6	3.5	6.6	11.4	19.3
12.5°	0.4	0.4	0.8	1.1	1.5	1.9	2.7	3.8	7.4	12.4	21.3
10°	0.4	0.4	0.8	1.2	1.6	2.0	2.8	4.1	8.3	13.7	23.3
7.5°	0.4	0.4	0.8	1.2	1.7	2.0	2.9	4.5	9.1	14.9	25.3
5°	0.4	0.4	0.9	1.2	1.7	2.1	3.0	4.8	9.9	16.0	27.2
2.5°	0.4	0.4	0.9	1.3	1.8	2.2	3.0	5.1	10.6	17.0	28.9
0°	0.4	0.4	0.9	1.3	1.8	2.2	3.1	5.4	11.2	17.9	30.4
-2.5°	0.4	0.4	0.9	1.3	1.8	2.2	3.1	5.4	11.2	17.9	30.4
-5°	0.4	0.4	0.9	1.3	1.9	2.3	3.4	6.4	12.0	20.5	32.8
-7.5°	0.4	0.4	0.9	1.3	1.9	2.3	3.6	6.8	12.2	21.5	33.6
-10°	0.4	0.4	0.9	1.3	1.9	2.4	3.7	7.2	12.4	22.2	34.2
-12.5°	0.4	0.4	0.9	1.3	1.9	2.4	3.8	7.5	12.6	22.6	34.7
-15°	0.4	0.4	0.9	1.3	1.9	2.4	3.9	7.6	12.8	22.6	34.9
-17.5°	0.4	0.4	0.9	1.2	1.9	2.5	3.9	7.8	13.2	22.3	34.7
-20°	0.4	0.4	0.8	1.2	1.9	2.5	4.0	8.0	13.5	21.9	34.1

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CATALOG NUMBER: GFLD-SA1A-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.4	0.4	0.8	1.2	1.9	2.5	4.3	8.0	13.6	21.3	33.0
-25°	0.4	0.4	0.8	1.2	1.8	2.7	4.5	8.0	13.5	20.6	31.5
-27.5°	0.4	0.4	0.8	1.2	1.8	2.9	4.6	7.9	13.4	19.9	30.3
-30°	0.4	0.4	0.8	1.1	1.7	3.0	4.7	7.7	13.1	19.7	29.1
-32.5°	0.4	0.4	0.7	1.1	1.8	3.2	4.8	7.7	12.8	19.2	27.6
-35°	0.4	0.4	0.7	1.1	1.8	3.3	4.9	7.7	12.4	18.5	26.0
-37.5°	0.4	0.4	0.7	1.1	1.9	3.4	5.0	7.7	11.8	17.6	25.3
-40°	0.4	0.4	0.7	1.0	1.9	3.4	5.1	7.6	11.1	16.8	24.5
-42.5°	0.4	0.4	0.6	1.0	1.9	3.4	5.1	7.4	10.7	16.1	23.3
-45°	0.4	0.4	0.6	1.0	1.9	3.4	5.1	7.2	10.4	15.2	21.8
-47.5°	0.4	0.4	0.6	1.0	1.9	3.3	5.0	7.1	10.0	14.2	20.6
-50°	0.4	0.4	0.5	1.0	1.9	3.2	4.9	7.0	9.7	13.8	19.2
-52.5°	0.4	0.4	0.5	1.0	1.8	3.1	4.8	6.7	9.5	13.3	17.6
-55°	0.4	0.4	0.5	0.9	1.8	3.0	4.6	6.4	9.2	12.7	16.9
-57.5°	0.4	0.4	0.4	0.9	1.7	2.9	4.4	6.1	8.7	12.1	16.0
-60°	0.4	0.4	0.4	0.9	1.6	2.7	4.2	5.8	8.2	11.3	15.0
-62.5°	0.4	0.4	0.4	0.8	1.5	2.4	3.8	5.4	7.5	10.4	13.8
-65°	0.4	0.4	0.4	0.7	1.4	2.2	3.5	4.9	6.7	9.2	12.5
-67.5°	0.4	0.4	0.4	0.7	1.2	2.0	3.1	4.3	5.7	7.9	10.7
-70°	0.4	0.4	0.4	0.6	1.1	1.8	2.6	3.7	4.9	6.3	8.7
-72.5°	0.4	0.4	0.4	0.6	1.0	1.6	2.3	3.0	4.1	5.3	6.6
-75°	0.4	0.4	0.4	0.6	0.8	1.4	2.0	2.6	3.2	4.2	5.3
-77.5°	0.4	0.4	0.4	0.6	0.8	1.1	1.7	2.1	2.6	3.2	3.9
-80°	0.4	0.4	0.4	0.6	0.8	1.0	1.3	1.7	2.1	2.5	3.0
-82.5°	0.4	0.4	0.4	0.6	0.7	1.0	1.2	1.4	1.6	1.9	2.3
-85°	0.4	0.4	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.6	1.7
-87.5°	0.4	0.4	0.4	0.5	0.7	0.8	1.0	1.1	1.3	1.4	1.5
-90°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.2	0.1	0.0



REPORT NUMBER: P626530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.6	1.7
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°	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.2	0.2	0.2	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.1
67.5°	0.4	0.3	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
65°	0.4	0.3	0.3	0.4	0.4	0.5	0.5	0.5	0.4	0.4	0.4
62.5°	0.4	0.5	0.6	0.6	0.7	0.8	0.8	0.7	0.5	0.6	0.7
60°	0.6	0.7	0.8	0.9	1.0	1.0	1.0	1.0	1.1	1.3	2.5
57.5°	0.9	0.9	1.0	1.2	1.3	1.3	1.4	1.5	3.5	5.8	6.4
55°	1.1	1.2	1.3	1.6	1.7	1.7	2.4	5.1	7.8	10.8	11.9
52.5°	1.3	1.4	1.7	2.0	2.2	3.4	6.2	9.9	13.7	17.2	21.6
50°	1.6	1.9	2.2	2.6	4.2	7.4	11.4	16.4	22.3	27.8	33.5
47.5°	2.0	2.4	2.9	4.2	8.3	12.7	18.3	26.4	33.6	40.3	48.0
45°	2.4	3.3	3.9	8.2	13.0	18.7	28.2	38.1	44.7	53.6	67.3
42.5°	2.9	4.6	7.4	12.4	18.2	27.5	39.3	47.7	56.4	70.9	85.3
40°	4.2	6.1	11.1	17.1	24.5	38.1	50.1	59.7	71.6	87.6	102.6
37.5°	5.8	9.4	15.0	22.2	34.4	49.2	62.1	75.8	89.4	104.5	132.4
35°	7.5	12.4	19.8	29.5	44.2	61.6	76.9	92.2	107.9	137.7	165.4
32.5°	9.8	15.1	24.9	38.1	54.9	73.9	91.8	109.4	134.7	168.4	196.1
30°	12.2	19.6	30.7	46.0	64.9	85.2	106.7	128.0	161.5	189.3	219.5
27.5°	14.8	24.2	37.6	54.3	74.2	95.9	120.1	150.5	180.4	207.9	241.0
25°	17.5	29.1	43.9	62.2	83.5	107.4	135.3	172.3	195.7	226.1	260.6
22.5°	20.8	33.8	50.0	69.4	92.0	119.3	154.8	192.0	219.5	245.0	278.8
20°	24.7	39.0	56.8	78.4	100.4	130.9	174.2	213.3	245.6	274.9	305.9
17.5°	28.4	43.9	64.0	87.6	112.6	145.7	193.2	236.5	272.0	304.7	343.4
15°	31.7	48.4	71.0	96.3	124.6	162.7	210.3	257.8	298.4	335.2	379.2
12.5°	34.8	52.6	77.8	104.4	135.9	177.3	224.6	271.0	315.6	363.5	413.4
10°	37.6	56.3	84.3	111.9	146.4	189.7	236.4	282.0	327.0	377.7	433.2
7.5°	40.5	59.8	90.1	118.8	155.9	199.9	245.9	290.8	336.2	389.1	446.0
5°	43.3	63.0	94.7	123.7	163.2	207.9	253.0	297.5	343.2	397.5	455.7
2.5°	45.7	65.7	98.5	127.5	168.7	213.7	257.6	303.1	348.5	404.4	463.1
0°	47.8	67.9	101.4	130.4	172.8	217.9	260.4	306.8	351.5	409.1	468.0
-2.5°	49.1	71.5	103.4	135.5	176.4	220.7	262.8	307.8	354.7	410.6	473.5
-5°	50.0	74.4	104.6	139.5	178.8	221.9	263.6	307.0	355.6	410.2	474.3
-7.5°	50.6	76.4	105.1	141.8	179.6	221.2	262.2	305.5	354.2	408.8	470.8
-10°	50.9	77.1	105.9	141.1	178.5	218.8	259.2	302.0	350.1	404.2	464.0
-12.5°	51.7	76.7	105.7	139.6	176.2	215.2	254.8	296.4	343.4	396.4	454.7
-15°	51.9	75.7	104.5	137.4	172.6	210.4	248.9	288.7	335.0	388.8	444.4
-17.5°	51.4	74.3	102.0	134.5	167.8	204.7	242.0	281.7	327.2	380.1	433.6
-20°	50.2	72.5	98.3	131.2	162.1	198.3	235.1	274.5	318.3	367.9	421.5



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CATALOG NUMBER: GFLD-SA1A-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	48.3	70.4	94.2	126.5	157.1	191.0	227.0	264.5	307.0	352.2	405.2
-25°	46.3	67.9	91.0	120.2	151.2	182.5	217.6	252.4	293.8	338.2	385.2
-27.5°	44.4	64.5	87.7	113.2	144.2	173.3	207.1	241.0	278.9	322.4	365.8
-30°	41.9	60.8	83.7	106.5	135.9	164.7	195.4	228.7	262.8	304.1	346.7
-32.5°	39.7	56.9	79.1	101.3	126.9	155.1	182.7	214.5	247.8	282.9	325.1
-35°	38.2	54.6	74.2	95.4	117.8	144.6	170.8	198.5	230.7	263.7	300.7
-37.5°	37.0	52.0	69.1	89.2	110.5	133.5	158.1	183.5	211.7	244.9	279.7
-40°	35.1	49.1	65.3	83.4	102.1	123.0	145.9	168.9	193.3	225.8	260.1
-42.5°	32.6	46.2	61.7	77.0	94.1	113.2	133.5	155.1	178.6	206.8	238.4
-45°	30.8	42.5	57.6	71.4	85.6	103.0	122.1	141.7	163.8	188.0	216.4
-47.5°	28.4	38.6	52.4	65.2	77.8	92.7	110.1	128.7	148.3	170.1	193.3
-50°	25.9	35.3	46.1	58.5	70.5	82.9	97.7	114.9	132.7	151.7	172.5
-52.5°	24.0	31.4	41.2	51.6	63.0	74.2	86.9	101.6	117.5	133.4	151.6
-55°	21.8	28.5	36.7	46.0	55.6	66.0	77.6	90.5	103.4	118.0	132.5
-57.5°	20.3	25.8	32.8	40.9	49.6	58.4	69.3	80.2	92.2	104.3	116.4
-60°	19.1	23.4	29.3	36.4	44.1	52.4	61.3	71.4	81.7	91.6	102.0
-62.5°	17.7	21.5	26.1	31.9	38.9	46.1	53.9	62.5	71.9	80.2	88.3
-65°	16.0	19.2	23.2	27.9	33.4	39.4	46.2	53.4	61.5	68.2	74.8
-67.5°	14.0	16.7	20.0	23.9	28.4	33.2	38.1	44.3	50.8	56.3	61.7
-70°	11.4	14.0	16.7	19.8	23.4	27.4	31.7	36.2	40.7	45.2	50.1
-72.5°	8.7	11.0	13.3	15.6	18.5	21.7	25.2	29.0	32.9	36.8	40.5
-75°	6.6	8.1	10.1	12.2	14.2	16.3	18.7	21.6	25.3	29.0	32.5
-77.5°	5.0	6.3	7.6	9.0	10.2	11.8	13.6	15.4	18.4	21.8	25.3
-80°	3.6	4.4	5.5	6.6	7.5	8.3	9.2	10.2	12.4	15.2	18.1
-82.5°	2.7	3.2	3.8	4.5	4.9	5.3	5.8	6.4	8.1	10.0	12.0
-85°	1.9	2.0	2.3	2.7	2.9	3.2	3.4	3.7	4.6	5.6	6.7
-87.5°	1.6	1.6	1.7	1.8	1.8	1.9	1.9	1.9	2.3	2.6	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: P626530 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	1.8	1.9	2.0	2.1	2.2	2.3	2.5	2.6	2.7	2.7	2.7
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°	0.2	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.4	0.4	0.3	0.2	0.1	0.2	0.3	0.3	0.3	0.3	0.2
62.5°	0.7	0.6	0.6	0.7	0.8	0.9	0.9	0.8	0.8	0.7	0.8
60°	2.6	1.8	2.0	2.5	2.4	1.6	2.7	3.0	2.6	1.8	1.7
57.5°	6.7	6.5	7.4	10.8	11.9	10.8	12.9	15.7	15.6	13.4	13.4
55°	14.2	19.1	25.0	26.0	30.1	38.3	44.7	41.9	41.8	43.9	50.7
52.5°	27.1	31.7	33.4	38.0	46.5	52.8	56.8	60.9	65.4	70.0	74.7
50°	39.7	44.2	49.3	54.0	65.8	72.2	71.1	79.7	90.6	97.5	101.0
47.5°	58.3	65.3	76.0	92.8	101.7	108.1	116.0	125.7	138.3	155.3	168.4
45°	80.1	91.2	107.8	125.6	139.4	145.6	154.7	169.7	189.7	209.2	223.4
42.5°	98.0	113.2	131.9	149.0	160.1	170.4	182.2	194.8	217.7	238.5	255.0
40°	121.3	133.2	154.1	170.2	180.2	190.4	209.0	228.0	249.5	268.9	282.4
37.5°	150.9	164.2	186.0	204.2	213.8	217.4	249.2	275.5	293.0	317.8	325.9
35°	182.6	204.5	232.3	255.9	265.4	284.2	316.9	353.7	393.6	408.2	420.7
32.5°	218.0	245.0	282.8	308.1	321.6	350.2	391.5	430.8	483.0	511.2	519.7
30°	250.4	281.4	313.9	338.4	361.5	396.0	433.7	482.1	530.3	566.5	577.7
27.5°	274.2	308.5	339.7	362.7	388.7	425.9	472.9	521.9	569.3	606.2	619.3
25°	296.9	335.7	360.4	387.1	417.6	458.2	510.3	564.8	611.4	642.6	658.7
22.5°	322.7	360.9	387.4	410.0	450.1	496.8	545.2	606.7	656.1	680.9	698.4
20°	349.3	392.6	433.5	454.6	489.2	548.3	602.5	660.6	708.2	734.2	752.6
17.5°	386.5	441.6	491.8	521.7	558.7	629.4	697.0	755.8	822.1	845.6	868.0
15°	425.6	489.5	548.3	595.6	643.4	713.5	800.5	871.5	947.2	980.9	1019.1
12.5°	464.7	525.2	578.4	639.4	706.8	768.8	851.6	940.0	1008.7	1051.7	1077.5
10°	493.9	550.0	601.3	662.4	729.8	799.8	882.2	972.7	1044.6	1081.4	1102.4
7.5°	509.7	563.4	617.5	679.4	746.4	821.1	905.9	995.7	1069.2	1104.9	1125.6
5°	521.4	573.0	629.0	694.2	761.9	837.6	922.3	1011.1	1078.2	1116.0	1142.3
2.5°	528.4	579.1	636.3	703.7	771.6	850.5	939.3	1031.3	1089.9	1120.4	1144.6
0°	530.5	581.5	640.4	708.7	778.4	857.9	945.9	1037.0	1096.4	1125.8	1150.4
-2.5°	532.8	585.3	645.8	712.0	781.1	860.3	950.1	1038.9	1092.3	1122.1	1145.4
-5°	531.2	585.6	645.9	709.3	778.8	857.4	943.7	1026.6	1082.5	1114.7	1138.0
-7.5°	526.4	581.5	641.3	702.2	770.4	849.9	935.7	1015.7	1072.3	1106.2	1131.7
-10°	519.4	572.9	633.1	694.7	762.1	837.8	922.4	1001.8	1056.0	1092.0	1121.6
-12.5°	511.7	564.1	622.1	681.2	747.8	822.6	904.5	979.7	1033.6	1072.9	1094.0
-15°	500.2	552.5	608.0	665.2	730.2	802.7	880.9	953.1	1006.0	1037.9	1061.3
-17.5°	485.6	537.0	589.5	643.8	705.0	776.4	855.1	926.3	969.4	997.9	1021.0
-20°	470.0	517.4	567.3	618.5	677.8	748.5	825.8	887.9	928.5	955.9	977.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626530 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	452.1	497.8	543.4	592.4	650.5	715.4	783.7	843.6	887.4	912.3	932.3
-25°	431.6	476.1	519.4	566.7	620.2	678.5	742.0	800.9	840.1	866.6	886.4
-27.5°	409.7	451.5	493.8	536.2	584.2	642.4	701.2	755.9	789.4	816.1	836.1
-30°	387.8	425.3	464.5	504.7	549.8	602.2	657.2	703.2	738.4	764.4	783.0
-32.5°	364.0	399.7	434.3	471.9	514.4	560.5	608.8	652.6	690.3	714.0	729.7
-35°	339.6	374.1	405.9	440.0	477.4	517.3	561.8	605.1	642.2	661.1	676.3
-37.5°	314.3	348.7	378.8	407.3	439.5	476.4	519.8	561.0	593.1	609.3	623.1
-40°	292.2	322.6	349.6	376.8	403.1	435.9	476.3	516.2	542.0	557.8	570.6
-42.5°	270.8	296.4	318.6	343.0	369.2	401.5	434.2	467.6	488.4	505.9	519.3
-45°	245.8	268.7	289.5	309.8	333.8	363.3	392.9	419.7	439.1	456.1	469.2
-47.5°	218.3	240.3	260.5	278.7	300.9	325.6	350.5	372.8	392.0	408.7	420.5
-50°	192.6	212.3	232.0	250.4	269.7	289.6	309.9	329.4	347.6	363.9	373.8
-52.5°	169.6	187.7	205.0	221.1	237.9	254.7	271.5	289.4	306.2	321.6	329.5
-55°	148.7	165.1	180.6	194.2	207.8	221.1	235.5	252.0	267.4	281.7	287.4
-57.5°	130.0	144.0	157.8	169.3	180.3	191.0	203.6	217.6	231.0	243.3	247.9
-60°	112.8	123.9	135.4	145.6	155.3	164.4	175.4	186.6	197.6	206.8	210.7
-62.5°	97.0	106.5	115.2	123.5	131.7	139.9	148.8	157.7	166.5	173.6	177.2
-65°	81.7	89.3	96.3	103.1	109.7	116.6	123.6	130.4	136.9	142.0	145.1
-67.5°	67.4	73.2	78.8	84.1	89.6	95.2	100.6	105.8	110.7	114.6	117.6
-70°	54.7	59.2	63.6	67.9	72.5	76.9	81.0	84.9	88.5	91.3	93.6
-72.5°	44.1	47.7	51.5	55.4	59.2	62.4	65.3	68.2	70.9	72.5	73.7
-75°	35.6	38.7	41.9	45.1	48.2	50.7	52.8	54.9	56.9	57.0	56.6
-77.5°	28.8	31.5	34.0	36.5	39.0	40.5	41.8	43.2	44.6	43.8	42.5
-80°	21.1	23.4	25.5	27.7	29.8	30.7	31.3	31.9	32.3	31.3	30.0
-82.5°	14.0	15.5	16.9	18.3	19.7	20.3	20.7	21.0	21.3	20.4	19.3
-85°	7.8	8.5	9.2	9.9	10.6	11.0	11.3	11.7	12.0	11.4	10.8
-87.5°	3.3	3.4	3.6	3.7	3.8	4.0	4.1	4.3	4.4	4.5	4.5
-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: P626530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6
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°	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.3
62.5°	0.8	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.7	0.8	0.8
60°	1.5	1.3	1.3	1.3	1.3	1.3	1.5	1.7	1.8	2.6	3.0
57.5°	12.4	10.6	10.9	12.1	10.9	10.6	12.4	13.4	13.4	15.6	15.7
55°	57.8	64.6	66.9	65.6	66.9	64.6	57.8	50.7	43.9	41.8	41.9
52.5°	78.4	81.1	82.2	82.2	82.2	81.1	78.4	74.7	70.0	65.4	60.9
50°	102.0	101.1	99.6	98.2	99.6	101.1	102.0	101.0	97.5	90.6	79.7
47.5°	170.3	167.3	166.1	168.4	166.1	167.3	170.3	168.4	155.3	138.3	125.7
45°	226.3	229.8	232.4	232.2	232.4	229.8	226.3	223.4	209.2	189.7	169.7
42.5°	258.2	260.0	260.6	259.9	260.6	260.0	258.2	255.0	238.5	217.7	194.8
40°	286.6	288.8	290.0	291.2	290.0	288.8	286.6	282.4	268.9	249.5	228.0
37.5°	328.5	329.3	327.6	326.5	327.6	329.3	328.5	325.9	317.8	293.0	275.5
35°	431.2	433.4	428.5	433.6	428.5	433.4	431.2	420.7	408.2	393.6	353.7
32.5°	529.8	539.6	547.6	554.2	547.6	539.6	529.8	519.7	511.2	483.0	430.8
30°	585.6	591.9	595.4	596.2	595.4	591.9	585.6	577.7	566.5	530.3	482.1
27.5°	626.6	633.3	637.4	640.4	637.4	633.3	626.6	619.3	606.2	569.3	521.9
25°	666.1	672.2	676.3	677.9	676.3	672.2	666.1	658.7	642.6	611.4	564.8
22.5°	707.0	711.3	715.3	717.2	715.3	711.3	707.0	698.4	680.9	656.1	606.7
20°	765.8	763.5	767.1	765.9	767.1	763.5	765.8	752.6	734.2	708.2	660.6
17.5°	885.5	886.8	889.2	893.2	889.2	886.8	885.5	868.0	845.6	822.1	755.8
15°	1036.1	1039.1	1054.5	1068.2	1054.5	1039.1	1036.1	1019.1	980.9	947.2	871.5
12.5°	1101.4	1111.9	1113.5	1117.4	1113.5	1111.9	1101.4	1077.5	1051.7	1008.7	940.0
10°	1123.2	1141.3	1141.0	1145.5	1141.0	1141.3	1123.2	1102.4	1081.4	1044.6	972.7
7.5°	1139.7	1159.2	1167.5	1170.9	1167.5	1159.2	1139.7	1125.6	1104.9	1069.2	995.7
5°	1159.9	1170.6	1184.9	1180.8	1184.9	1170.6	1159.9	1142.3	1116.0	1078.2	1011.1
2.5°	1168.4	1185.2	1181.3	1185.2	1181.3	1185.2	1168.4	1144.6	1120.4	1089.9	1031.3
0°	1174.1	1186.1	1187.9	1191.9	1187.9	1186.1	1174.1	1150.4	1125.8	1096.4	1037.0
-2.5°	1167.1	1177.8	1196.4	1190.6	1196.4	1177.8	1167.1	1145.4	1122.1	1092.3	1038.9
-5°	1161.1	1187.2	1177.0	1189.7	1177.0	1187.2	1161.1	1138.0	1114.7	1082.5	1026.6
-7.5°	1157.9	1162.6	1169.3	1179.0	1169.3	1162.6	1157.9	1131.7	1106.2	1072.3	1015.7
-10°	1133.7	1138.5	1150.9	1157.6	1150.9	1138.5	1133.7	1121.6	1092.0	1056.0	1001.8
-12.5°	1107.4	1116.7	1129.7	1133.9	1129.7	1116.7	1107.4	1094.0	1072.9	1033.6	979.7
-15°	1077.1	1090.9	1103.5	1106.2	1103.5	1090.9	1077.1	1061.3	1037.9	1006.0	953.1
-17.5°	1038.6	1055.1	1068.4	1071.4	1068.4	1055.1	1038.6	1021.0	997.9	969.4	926.3
-20°	996.2	1012.0	1023.3	1026.7	1023.3	1012.0	996.2	977.7	955.9	928.5	887.9



REPORT NUMBER: P626530 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	950.8	965.0	974.6	973.1	974.6	965.0	950.8	932.3	912.3	887.4	843.6
-25°	902.5	915.7	924.9	923.5	924.9	915.7	902.5	886.4	866.6	840.1	800.9
-27.5°	851.5	864.0	872.8	873.1	872.8	864.0	851.5	836.1	816.1	789.4	755.9
-30°	798.0	809.3	816.4	813.7	816.4	809.3	798.0	783.0	764.4	738.4	703.2
-32.5°	742.7	752.9	759.5	761.4	759.5	752.9	742.7	729.7	714.0	690.3	652.6
-35°	688.2	697.2	702.9	704.3	702.9	697.2	688.2	676.3	661.1	642.2	605.1
-37.5°	634.0	641.8	645.8	644.0	645.8	641.8	634.0	623.1	609.3	593.1	561.0
-40°	580.5	588.0	592.5	593.5	592.5	588.0	580.5	570.6	557.8	542.0	516.2
-42.5°	527.9	534.0	538.0	539.9	538.0	534.0	527.9	519.3	505.9	488.4	467.6
-45°	476.9	482.4	486.1	488.1	486.1	482.4	476.9	469.2	456.1	439.1	419.7
-47.5°	427.2	432.0	435.2	436.8	435.2	432.0	427.2	420.5	408.7	392.0	372.8
-50°	379.7	383.8	386.8	388.5	386.8	383.8	379.7	373.8	363.9	347.6	329.4
-52.5°	334.6	338.2	340.8	342.1	340.8	338.2	334.6	329.5	321.6	306.2	289.4
-55°	291.6	294.5	296.9	298.3	296.9	294.5	291.6	287.4	281.7	267.4	252.0
-57.5°	251.4	253.9	256.1	257.7	256.1	253.9	251.4	247.9	243.3	231.0	217.6
-60°	213.9	216.1	218.1	219.3	218.1	216.1	213.9	210.7	206.8	197.6	186.6
-62.5°	180.0	182.0	183.7	184.9	183.7	182.0	180.0	177.2	173.6	166.5	157.7
-65°	147.5	149.3	150.6	151.4	150.6	149.3	147.5	145.1	142.0	136.9	130.4
-67.5°	120.1	122.2	122.7	122.4	122.7	122.2	120.1	117.6	114.6	110.7	105.8
-70°	95.6	97.4	97.8	97.8	97.8	97.4	95.6	93.6	91.3	88.5	84.9
-72.5°	74.8	75.8	75.0	73.7	75.0	75.8	74.8	73.7	72.5	70.9	68.2
-75°	56.1	55.5	54.6	53.6	54.6	55.5	56.1	56.6	57.0	56.9	54.9
-77.5°	41.1	39.5	38.6	37.5	38.6	39.5	41.1	42.5	43.8	44.6	43.2
-80°	28.6	27.1	26.1	25.0	26.1	27.1	28.6	30.0	31.3	32.3	31.9
-82.5°	18.1	16.9	16.3	15.6	16.3	16.9	18.1	19.3	20.4	21.3	21.0
-85°	10.1	9.4	8.9	8.5	8.9	9.4	10.1	10.8	11.4	12.0	11.7
-87.5°	4.5	4.5	4.2	4.0	4.2	4.5	4.5	4.5	4.5	4.4	4.3
-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: P626530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	2.5	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.4	1.3
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	0.1	0.0	0.0	0.0
67.5°	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
65°	0.3	0.2	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.5
62.5°	0.9	0.9	0.8	0.7	0.6	0.6	0.7	0.7	0.6	0.5	0.7
60°	2.7	1.6	2.4	2.5	2.0	1.8	2.6	2.5	1.3	1.1	1.0
57.5°	12.9	10.8	11.9	10.8	7.4	6.5	6.7	6.4	5.8	3.5	1.5
55°	44.7	38.3	30.1	26.0	25.0	19.1	14.2	11.9	10.8	7.8	5.1
52.5°	56.8	52.8	46.5	38.0	33.4	31.7	27.1	21.6	17.2	13.7	9.9
50°	71.1	72.2	65.8	54.0	49.3	44.2	39.7	33.5	27.8	22.3	16.4
47.5°	116.0	108.1	101.7	92.8	76.0	65.3	58.3	48.0	40.3	33.6	26.4
45°	154.7	145.6	139.4	125.6	107.8	91.2	80.1	67.3	53.6	44.7	38.1
42.5°	182.2	170.4	160.1	149.0	131.9	113.2	98.0	85.3	70.9	56.4	47.7
40°	209.0	190.4	180.2	170.2	154.1	133.2	121.3	102.6	87.6	71.6	59.7
37.5°	249.2	217.4	213.8	204.2	186.0	164.2	150.9	132.4	104.5	89.4	75.8
35°	316.9	284.2	265.4	255.9	232.3	204.5	182.6	165.4	137.7	107.9	92.2
32.5°	391.5	350.2	321.6	308.1	282.8	245.0	218.0	196.1	168.4	134.7	109.4
30°	433.7	396.0	361.5	338.4	313.9	281.4	250.4	219.5	189.3	161.5	128.0
27.5°	472.9	425.9	388.7	362.7	339.7	308.5	274.2	241.0	207.9	180.4	150.5
25°	510.3	458.2	417.6	387.1	360.4	335.7	296.9	260.6	226.1	195.7	172.3
22.5°	545.2	496.8	450.1	410.0	387.4	360.9	322.7	278.8	245.0	219.5	192.0
20°	602.5	548.3	489.2	454.6	433.5	392.6	349.3	305.9	274.9	245.6	213.3
17.5°	697.0	629.4	558.7	521.7	491.8	441.6	386.5	343.4	304.7	272.0	236.5
15°	800.5	713.5	643.4	595.6	548.3	489.5	425.6	379.2	335.2	298.4	257.8
12.5°	851.6	768.8	706.8	639.4	578.4	525.2	464.7	413.4	363.5	315.6	271.0
10°	882.2	799.8	729.8	662.4	601.3	550.0	493.9	433.2	377.7	327.0	282.0
7.5°	905.9	821.1	746.4	679.4	617.5	563.4	509.7	446.0	389.1	336.2	290.8
5°	922.3	837.6	761.9	694.2	629.0	573.0	521.4	455.7	397.5	343.2	297.5
2.5°	939.3	850.5	771.6	703.7	636.3	579.1	528.4	463.1	404.4	348.5	303.1
0°	945.9	857.9	778.4	708.7	640.4	581.5	530.5	468.0	409.1	351.5	306.8
-2.5°	950.1	860.3	781.1	712.0	645.8	585.3	532.8	473.5	410.6	354.7	307.8
-5°	943.7	857.4	778.8	709.3	645.9	585.6	531.2	474.3	410.2	355.6	307.0
-7.5°	935.7	849.9	770.4	702.2	641.3	581.5	526.4	470.8	408.8	354.2	305.5
-10°	922.4	837.8	762.1	694.7	633.1	572.9	519.4	464.0	404.2	350.1	302.0
-12.5°	904.5	822.6	747.8	681.2	622.1	564.1	511.7	454.7	396.4	343.4	296.4
-15°	880.9	802.7	730.2	665.2	608.0	552.5	500.2	444.4	388.8	335.0	288.7
-17.5°	855.1	776.4	705.0	643.8	589.5	537.0	485.6	433.6	380.1	327.2	281.7
-20°	825.8	748.5	677.8	618.5	567.3	517.4	470.0	421.5	367.9	318.3	274.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626530 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	783.7	715.4	650.5	592.4	543.4	497.8	452.1	405.2	352.2	307.0	264.5
-25°	742.0	678.5	620.2	566.7	519.4	476.1	431.6	385.2	338.2	293.8	252.4
-27.5°	701.2	642.4	584.2	536.2	493.8	451.5	409.7	365.8	322.4	278.9	241.0
-30°	657.2	602.2	549.8	504.7	464.5	425.3	387.8	346.7	304.1	262.8	228.7
-32.5°	608.8	560.5	514.4	471.9	434.3	399.7	364.0	325.1	282.9	247.8	214.5
-35°	561.8	517.3	477.4	440.0	405.9	374.1	339.6	300.7	263.7	230.7	198.5
-37.5°	519.8	476.4	439.5	407.3	378.8	348.7	314.3	279.7	244.9	211.7	183.5
-40°	476.3	435.9	403.1	376.8	349.6	322.6	292.2	260.1	225.8	193.3	168.9
-42.5°	434.2	401.5	369.2	343.0	318.6	296.4	270.8	238.4	206.8	178.6	155.1
-45°	392.9	363.3	333.8	309.8	289.5	268.7	245.8	216.4	188.0	163.8	141.7
-47.5°	350.5	325.6	300.9	278.7	260.5	240.3	218.3	193.3	170.1	148.3	128.7
-50°	309.9	289.6	269.7	250.4	232.0	212.3	192.6	172.5	151.7	132.7	114.9
-52.5°	271.5	254.7	237.9	221.1	205.0	187.7	169.6	151.6	133.4	117.5	101.6
-55°	235.5	221.1	207.8	194.2	180.6	165.1	148.7	132.5	118.0	103.4	90.5
-57.5°	203.6	191.0	180.3	169.3	157.8	144.0	130.0	116.4	104.3	92.2	80.2
-60°	175.4	164.4	155.3	145.6	135.4	123.9	112.8	102.0	91.6	81.7	71.4
-62.5°	148.8	139.9	131.7	123.5	115.2	106.5	97.0	88.3	80.2	71.9	62.5
-65°	123.6	116.6	109.7	103.1	96.3	89.3	81.7	74.8	68.2	61.5	53.4
-67.5°	100.6	95.2	89.6	84.1	78.8	73.2	67.4	61.7	56.3	50.8	44.3
-70°	81.0	76.9	72.5	67.9	63.6	59.2	54.7	50.1	45.2	40.7	36.2
-72.5°	65.3	62.4	59.2	55.4	51.5	47.7	44.1	40.5	36.8	32.9	29.0
-75°	52.8	50.7	48.2	45.1	41.9	38.7	35.6	32.5	29.0	25.3	21.6
-77.5°	41.8	40.5	39.0	36.5	34.0	31.5	28.8	25.3	21.8	18.4	15.4
-80°	31.3	30.7	29.8	27.7	25.5	23.4	21.1	18.1	15.2	12.4	10.2
-82.5°	20.7	20.3	19.7	18.3	16.9	15.5	14.0	12.0	10.0	8.1	6.4
-85°	11.3	11.0	10.6	9.9	9.2	8.5	7.8	6.7	5.6	4.6	3.7
-87.5°	4.1	4.0	3.8	3.7	3.6	3.4	3.3	2.9	2.6	2.3	1.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626530 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.1	1.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
82.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.2	0.1	0.1
77.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.4	0.3	0.2
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.3
72.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.3	0.4
70°	0.1	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.4
67.5°	0.2	0.2	0.2	0.1	0.2	0.3	0.4	0.4	0.3	0.3	0.4
65°	0.5	0.5	0.4	0.4	0.3	0.3	0.4	0.5	0.5	0.4	0.4
62.5°	0.8	0.8	0.7	0.6	0.6	0.5	0.4	0.6	0.7	0.6	0.5
60°	1.0	1.0	1.0	0.9	0.8	0.7	0.6	0.7	0.8	0.7	0.6
57.5°	1.4	1.3	1.3	1.2	1.0	0.9	0.9	0.8	0.9	0.9	0.8
55°	2.4	1.7	1.7	1.6	1.3	1.2	1.1	1.1	1.0	1.0	0.9
52.5°	6.2	3.4	2.2	2.0	1.7	1.4	1.3	1.3	1.2	1.1	1.0
50°	11.4	7.4	4.2	2.6	2.2	1.9	1.6	1.5	1.4	1.3	1.1
47.5°	18.3	12.7	8.3	4.2	2.9	2.4	2.0	1.7	1.6	1.5	1.3
45°	28.2	18.7	13.0	8.2	3.9	3.3	2.4	1.9	1.8	1.6	1.4
42.5°	39.3	27.5	18.2	12.4	7.4	4.6	2.9	2.3	2.0	1.8	1.5
40°	50.1	38.1	24.5	17.1	11.1	6.1	4.2	2.8	2.1	2.0	1.7
37.5°	62.1	49.2	34.4	22.2	15.0	9.4	5.8	3.3	2.4	2.2	1.9
35°	76.9	61.6	44.2	29.5	19.8	12.4	7.5	4.2	3.0	2.4	2.0
32.5°	91.8	73.9	54.9	38.1	24.9	15.1	9.8	5.9	3.7	2.6	2.2
30°	106.7	85.2	64.9	46.0	30.7	19.6	12.2	7.6	4.4	2.8	2.4
27.5°	120.1	95.9	74.2	54.3	37.6	24.2	14.8	9.2	5.3	3.2	2.5
25°	135.3	107.4	83.5	62.2	43.9	29.1	17.5	10.9	6.5	3.8	2.7
22.5°	154.8	119.3	92.0	69.4	50.0	33.8	20.8	13.0	7.8	4.5	2.9
20°	174.2	130.9	100.4	78.4	56.8	39.0	24.7	15.2	9.1	5.2	3.1
17.5°	193.2	145.7	112.6	87.6	64.0	43.9	28.4	17.3	10.3	5.9	3.2
15°	210.3	162.7	124.6	96.3	71.0	48.4	31.7	19.3	11.4	6.6	3.5
12.5°	224.6	177.3	135.9	104.4	77.8	52.6	34.8	21.3	12.4	7.4	3.8
10°	236.4	189.7	146.4	111.9	84.3	56.3	37.6	23.3	13.7	8.3	4.1
7.5°	245.9	199.9	155.9	118.8	90.1	59.8	40.5	25.3	14.9	9.1	4.5
5°	253.0	207.9	163.2	123.7	94.7	63.0	43.3	27.2	16.0	9.9	4.8
2.5°	257.6	213.7	168.7	127.5	98.5	65.7	45.7	28.9	17.0	10.6	5.1
0°	260.4	217.9	172.8	130.4	101.4	67.9	47.8	30.4	17.9	11.2	5.4
-2.5°	262.8	220.7	176.4	135.5	103.4	71.5	49.1	31.7	19.3	11.6	5.9
-5°	263.6	221.9	178.8	139.5	104.6	74.4	50.0	32.8	20.5	12.0	6.4
-7.5°	262.2	221.2	179.6	141.8	105.1	76.4	50.6	33.6	21.5	12.2	6.8
-10°	259.2	218.8	178.5	141.1	105.9	77.1	50.9	34.2	22.2	12.4	7.2
-12.5°	254.8	215.2	176.2	139.6	105.7	76.7	51.7	34.7	22.6	12.6	7.5
-15°	248.9	210.4	172.6	137.4	104.5	75.7	51.9	34.9	22.6	12.8	7.6
-17.5°	242.0	204.7	167.8	134.5	102.0	74.3	51.4	34.7	22.3	13.2	7.8
-20°	235.1	198.3	162.1	131.2	98.3	72.5	50.2	34.1	21.9	13.5	8.0

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REPORT NUMBER: P626530 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	227.0	191.0	157.1	126.5	94.2	70.4	48.3	33.0	21.3	13.6	8.0
-25°	217.6	182.5	151.2	120.2	91.0	67.9	46.3	31.5	20.6	13.5	8.0
-27.5°	207.1	173.3	144.2	113.2	87.7	64.5	44.4	30.3	19.9	13.4	7.9
-30°	195.4	164.7	135.9	106.5	83.7	60.8	41.9	29.1	19.7	13.1	7.7
-32.5°	182.7	155.1	126.9	101.3	79.1	56.9	39.7	27.6	19.2	12.8	7.7
-35°	170.8	144.6	117.8	95.4	74.2	54.6	38.2	26.0	18.5	12.4	7.7
-37.5°	158.1	133.5	110.5	89.2	69.1	52.0	37.0	25.3	17.6	11.8	7.7
-40°	145.9	123.0	102.1	83.4	65.3	49.1	35.1	24.5	16.8	11.1	7.6
-42.5°	133.5	113.2	94.1	77.0	61.7	46.2	32.6	23.3	16.1	10.7	7.4
-45°	122.1	103.0	85.6	71.4	57.6	42.5	30.8	21.8	15.2	10.4	7.2
-47.5°	110.1	92.7	77.8	65.2	52.4	38.6	28.4	20.6	14.2	10.0	7.1
-50°	97.7	82.9	70.5	58.5	46.1	35.3	25.9	19.2	13.8	9.7	7.0
-52.5°	86.9	74.2	63.0	51.6	41.2	31.4	24.0	17.6	13.3	9.5	6.7
-55°	77.6	66.0	55.6	46.0	36.7	28.5	21.8	16.9	12.7	9.2	6.4
-57.5°	69.3	58.4	49.6	40.9	32.8	25.8	20.3	16.0	12.1	8.7	6.1
-60°	61.3	52.4	44.1	36.4	29.3	23.4	19.1	15.0	11.3	8.2	5.8
-62.5°	53.9	46.1	38.9	31.9	26.1	21.5	17.7	13.8	10.4	7.5	5.4
-65°	46.2	39.4	33.4	27.9	23.2	19.2	16.0	12.5	9.2	6.7	4.9
-67.5°	38.1	33.2	28.4	23.9	20.0	16.7	14.0	10.7	7.9	5.7	4.3
-70°	31.7	27.4	23.4	19.8	16.7	14.0	11.4	8.7	6.3	4.9	3.7
-72.5°	25.2	21.7	18.5	15.6	13.3	11.0	8.7	6.6	5.3	4.1	3.0
-75°	18.7	16.3	14.2	12.2	10.1	8.1	6.6	5.3	4.2	3.2	2.6
-77.5°	13.6	11.8	10.2	9.0	7.6	6.3	5.0	3.9	3.2	2.6	2.1
-80°	9.2	8.3	7.5	6.6	5.5	4.4	3.6	3.0	2.5	2.1	1.7
-82.5°	5.8	5.3	4.9	4.5	3.8	3.2	2.7	2.3	1.9	1.6	1.4
-85°	3.4	3.2	2.9	2.7	2.3	2.0	1.9	1.7	1.6	1.4	1.3
-87.5°	1.9	1.9	1.8	1.8	1.7	1.6	1.6	1.5	1.4	1.3	1.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3

Classified

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



REPORT NUMBER: P626530 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.9	0.8	0.6	0.5	0.4	0.4	0.4
87.5°	0.3	0.3	0.4	0.4	0.4	0.4	0.4
85°	0.2	0.3	0.3	0.4	0.4	0.4	0.4
82.5°	0.1	0.2	0.3	0.4	0.4	0.4	0.4
80°	0.0	0.1	0.3	0.4	0.4	0.4	0.4
77.5°	0.1	0.1	0.2	0.3	0.4	0.4	0.4
75°	0.2	0.2	0.2	0.3	0.4	0.4	0.4
72.5°	0.3	0.3	0.3	0.3	0.4	0.4	0.4
70°	0.4	0.3	0.3	0.3	0.4	0.4	0.4
67.5°	0.4	0.4	0.3	0.3	0.4	0.4	0.4
65°	0.4	0.4	0.3	0.3	0.4	0.4	0.4
62.5°	0.5	0.5	0.4	0.4	0.4	0.4	0.4
60°	0.5	0.5	0.4	0.4	0.4	0.4	0.4
57.5°	0.6	0.5	0.4	0.4	0.4	0.4	0.4
55°	0.7	0.6	0.5	0.4	0.4	0.4	0.4
52.5°	0.8	0.7	0.6	0.4	0.4	0.4	0.4
50°	1.0	0.8	0.6	0.4	0.4	0.4	0.4
47.5°	1.1	0.8	0.7	0.4	0.4	0.4	0.4
45°	1.2	0.9	0.7	0.5	0.5	0.4	0.4
42.5°	1.3	1.0	0.8	0.5	0.5	0.4	0.4
40°	1.4	1.1	0.9	0.6	0.5	0.4	0.4
37.5°	1.5	1.2	0.9	0.6	0.5	0.4	0.4
35°	1.6	1.3	1.0	0.7	0.5	0.4	0.4
32.5°	1.7	1.3	1.0	0.7	0.6	0.4	0.4
30°	1.8	1.4	1.1	0.8	0.6	0.4	0.4
27.5°	1.9	1.5	1.1	0.9	0.6	0.4	0.4
25°	2.1	1.5	1.2	0.9	0.6	0.4	0.4
22.5°	2.2	1.6	1.3	1.0	0.7	0.4	0.4
20°	2.3	1.7	1.3	1.0	0.7	0.4	0.4
17.5°	2.5	1.8	1.4	1.1	0.7	0.4	0.4
15°	2.6	1.9	1.5	1.1	0.7	0.4	0.4
12.5°	2.7	1.9	1.5	1.1	0.8	0.4	0.4
10°	2.8	2.0	1.6	1.2	0.8	0.4	0.4
7.5°	2.9	2.0	1.7	1.2	0.8	0.4	0.4
5°	3.0	2.1	1.7	1.2	0.9	0.4	0.4
2.5°	3.0	2.2	1.8	1.3	0.9	0.4	0.4
0°	3.1	2.2	1.8	1.3	0.9	0.4	0.4
-2.5°	3.3	2.3	1.8	1.3	0.9	0.4	0.4
-5°	3.4	2.3	1.9	1.3	0.9	0.4	0.4
-7.5°	3.6	2.3	1.9	1.3	0.9	0.4	0.4
-10°	3.7	2.4	1.9	1.3	0.9	0.4	0.4
-12.5°	3.8	2.4	1.9	1.3	0.9	0.4	0.4
-15°	3.9	2.4	1.9	1.3	0.9	0.4	0.4
-17.5°	3.9	2.5	1.9	1.2	0.9	0.4	0.4
-20°	4.0	2.5	1.9	1.2	0.8	0.4	0.4

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REPORT NUMBER: P626530 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	4.3	2.5	1.9	1.2	0.8	0.4	0.4
-25°	4.5	2.7	1.8	1.2	0.8	0.4	0.4
-27.5°	4.6	2.9	1.8	1.2	0.8	0.4	0.4
-30°	4.7	3.0	1.7	1.1	0.8	0.4	0.4
-32.5°	4.8	3.2	1.8	1.1	0.7	0.4	0.4
-35°	4.9	3.3	1.8	1.1	0.7	0.4	0.4
-37.5°	5.0	3.4	1.9	1.1	0.7	0.4	0.4
-40°	5.1	3.4	1.9	1.0	0.7	0.4	0.4
-42.5°	5.1	3.4	1.9	1.0	0.6	0.4	0.4
-45°	5.1	3.4	1.9	1.0	0.6	0.4	0.4
-47.5°	5.0	3.3	1.9	1.0	0.6	0.4	0.4
-50°	4.9	3.2	1.9	1.0	0.5	0.4	0.4
-52.5°	4.8	3.1	1.8	1.0	0.5	0.4	0.4
-55°	4.6	3.0	1.8	0.9	0.5	0.4	0.4
-57.5°	4.4	2.9	1.7	0.9	0.4	0.4	0.4
-60°	4.2	2.7	1.6	0.9	0.4	0.4	0.4
-62.5°	3.8	2.4	1.5	0.8	0.4	0.4	0.4
-65°	3.5	2.2	1.4	0.7	0.4	0.4	0.4
-67.5°	3.1	2.0	1.2	0.7	0.4	0.4	0.4
-70°	2.6	1.8	1.1	0.6	0.4	0.4	0.4
-72.5°	2.3	1.6	1.0	0.6	0.4	0.4	0.4
-75°	2.0	1.4	0.8	0.6	0.4	0.4	0.4
-77.5°	1.7	1.1	0.8	0.6	0.4	0.4	0.4
-80°	1.3	1.0	0.8	0.6	0.4	0.4	0.4
-82.5°	1.2	1.0	0.7	0.6	0.4	0.4	0.4
-85°	1.1	0.9	0.7	0.5	0.4	0.4	0.4
-87.5°	1.0	0.8	0.7	0.5	0.4	0.4	0.4
-90°	0.4	0.4	0.4	0.4	0.4	0.4	0.4

(END OF REPORT)