

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: P626692 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-740-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626692 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1C-740-U-WR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4762.6 lumens
Efficiency: N/A
Efficacy: 109.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 5398.5 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 50.9°H x 47.1°V
Beam Lumens: 2293 lumens
Beam Efficiency: 48.1%

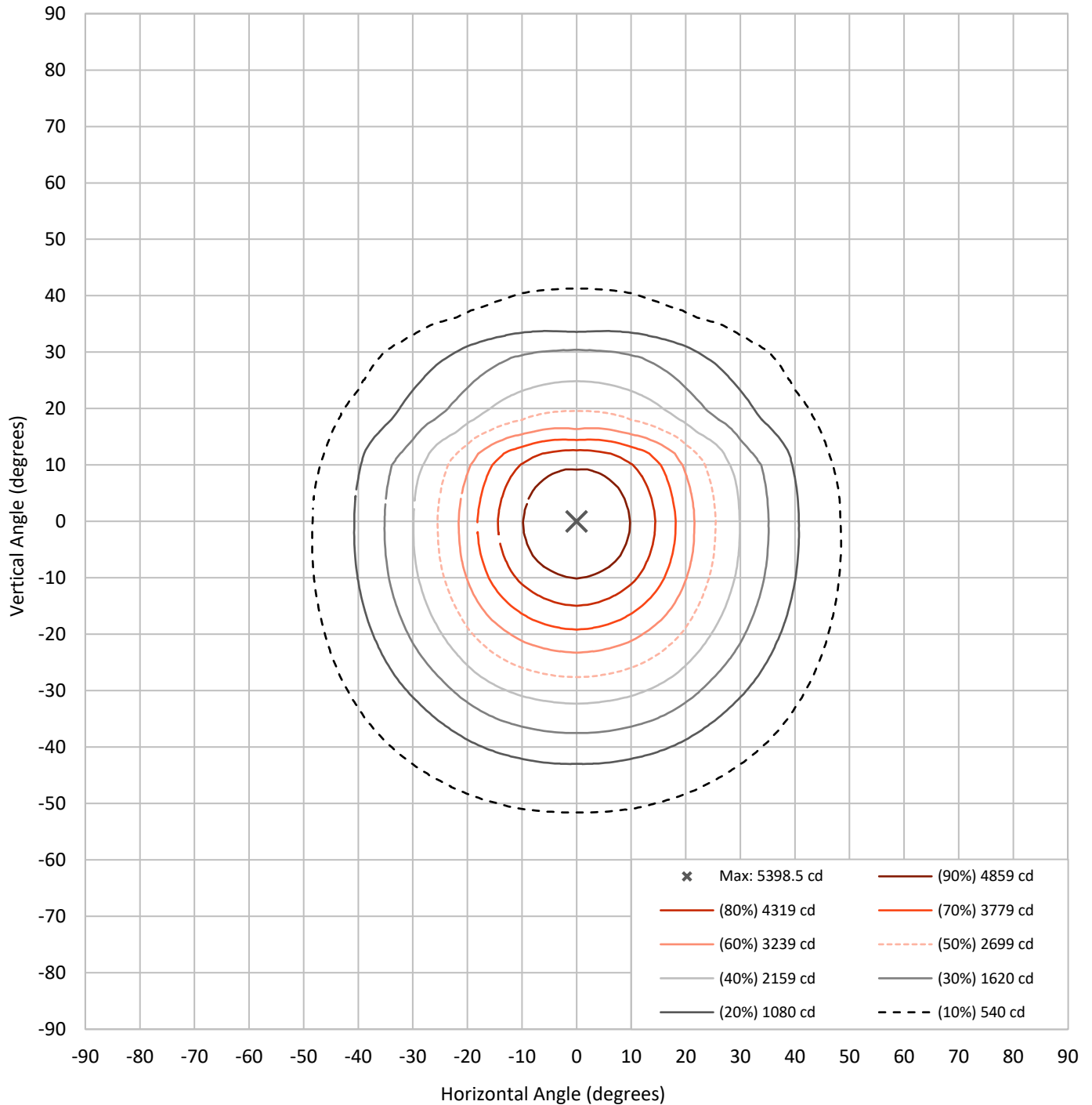
Field Angle (10%): 96.7°H x 92.9°V
Field Lumens: 4264.2 lumens
Field Efficiency: 89.5%

Input Watts (W): 43.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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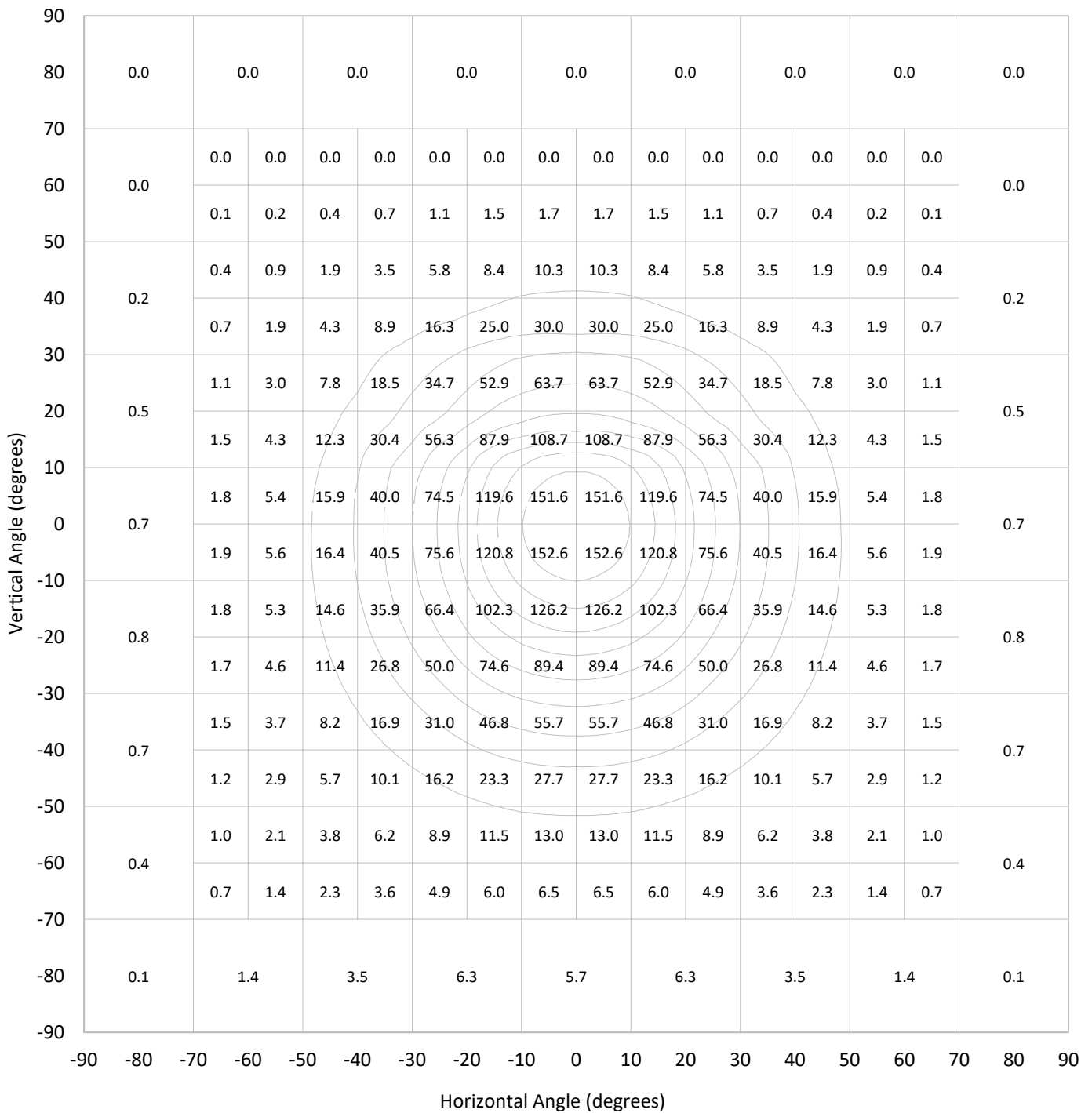
Iso-Candela Plot





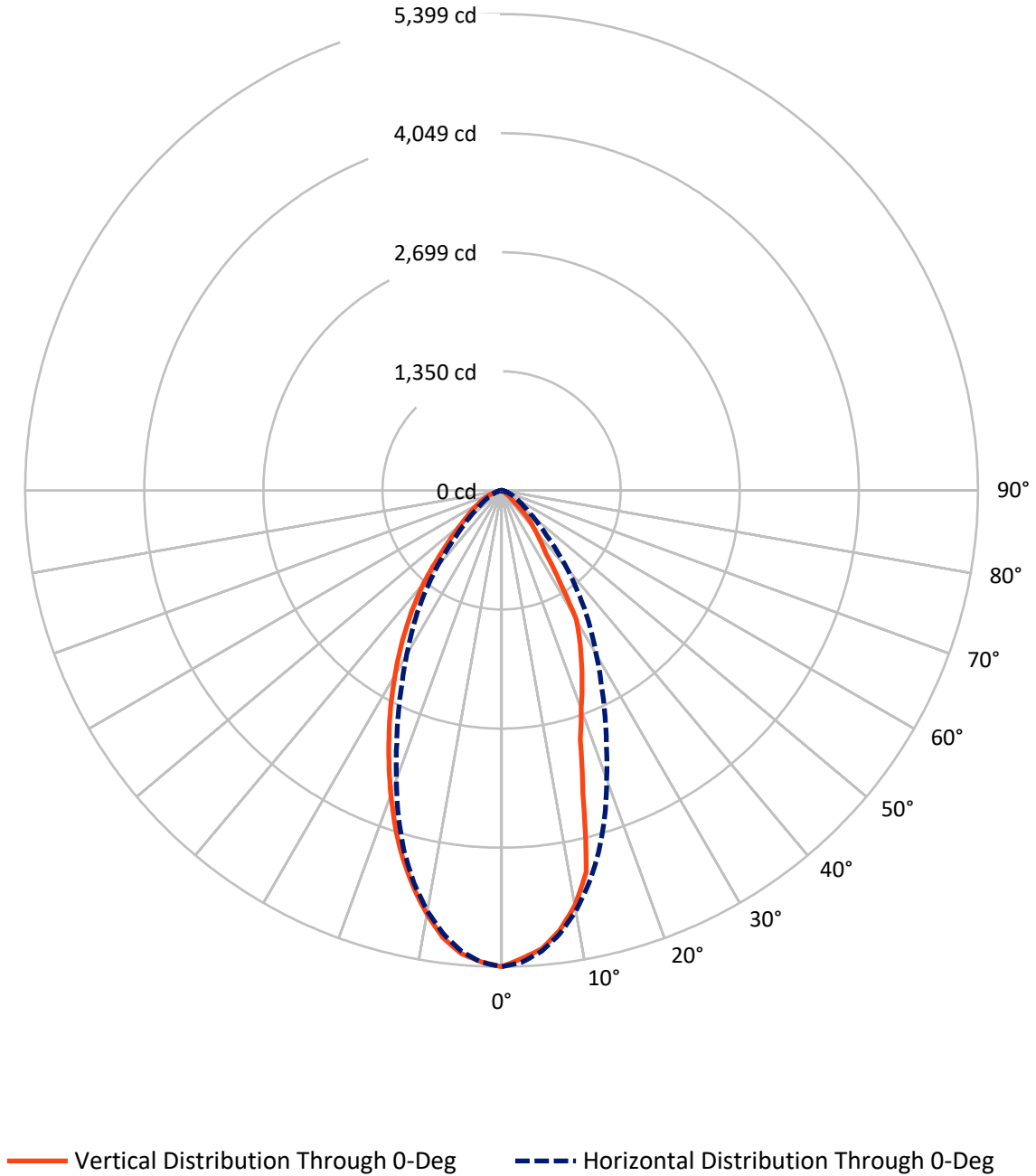
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Lumen Table



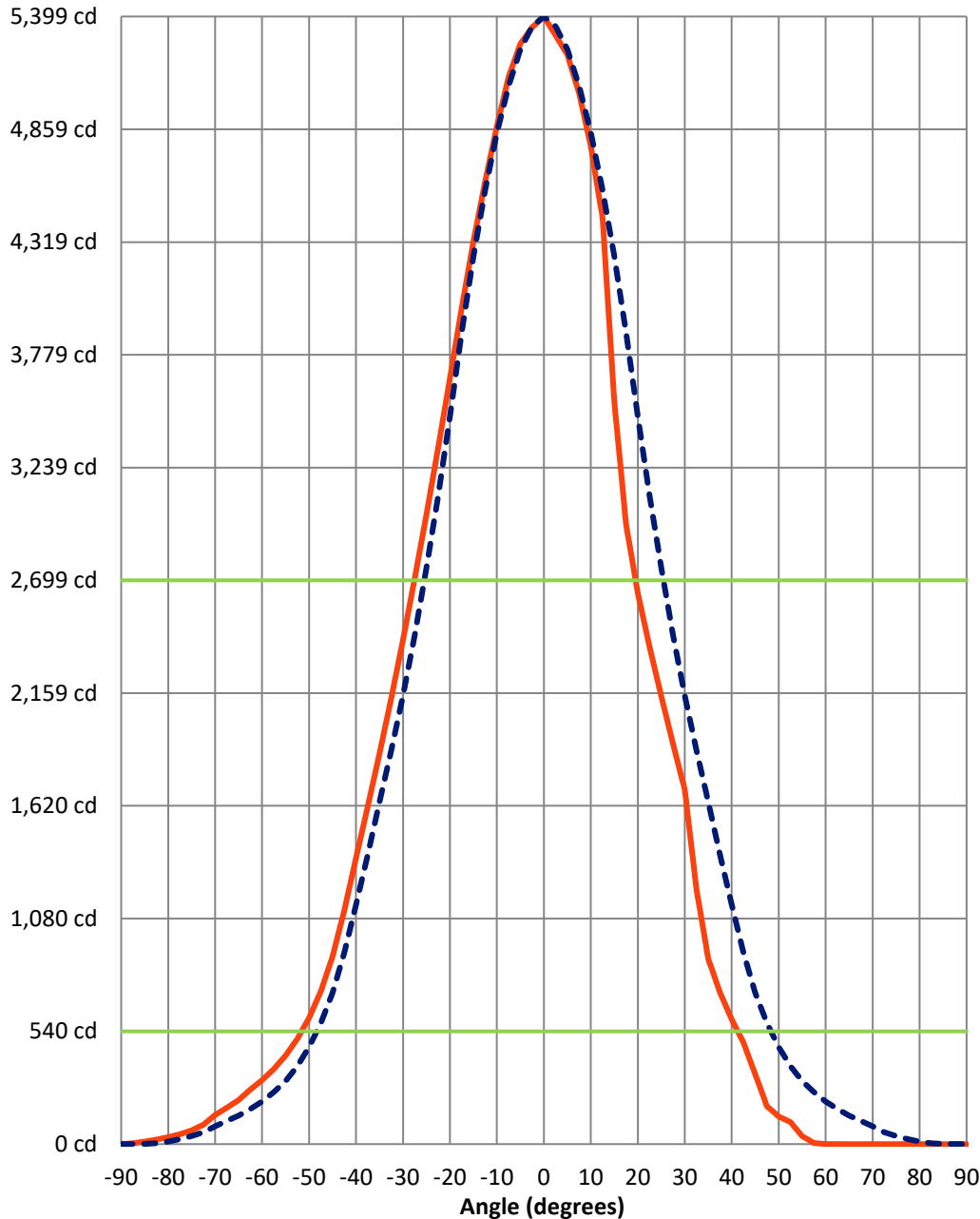
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 2293
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 4264.2
 Efficiency: 89.5%

Spill:
 Lumens: 498.5
 Efficiency: 10.5%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
85°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
82.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4
80°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4
77.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
75°	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4
72.5°	0.0	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
70°	0.0	0.1	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
67.5°	0.0	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5
65°	0.0	0.2	0.3	0.4	0.4	0.4	0.5	0.4	0.6	0.7	0.8
62.5°	0.0	0.2	0.4	0.4	0.4	0.5	0.5	0.5	0.8	1.1	1.6
60°	0.0	0.2	0.4	0.4	0.4	0.6	0.6	0.8	1.0	2.6	2.8
57.5°	0.0	0.2	0.4	0.4	0.5	0.7	1.0	1.0	2.5	4.3	4.7
55°	0.0	0.2	0.4	0.4	0.6	0.8	1.6	1.5	4.6	6.5	7.3
52.5°	0.0	0.2	0.4	0.4	0.7	1.1	2.2	3.7	6.9	9.6	10.3
50°	0.0	0.3	0.4	0.4	0.9	1.7	3.0	6.0	9.7	13.1	15.8
47.5°	0.0	0.3	0.4	0.4	1.0	2.4	3.9	8.4	13.2	16.9	21.5
45°	0.0	0.3	0.4	0.5	1.1	3.2	6.0	10.8	16.8	21.9	27.1
42.5°	0.0	0.3	0.5	0.6	1.3	4.0	8.1	13.7	20.4	26.9	33.3
40°	0.0	0.3	0.5	0.8	1.7	4.9	10.2	16.8	24.1	31.7	39.7
37.5°	0.0	0.3	0.5	0.9	2.3	5.7	12.2	19.9	28.2	36.6	46.4
35°	0.0	0.3	0.5	1.1	3.0	7.1	14.3	22.9	32.2	42.6	53.6
32.5°	0.0	0.3	0.5	1.3	3.7	8.7	16.4	25.9	36.3	48.7	61.7
30°	0.0	0.3	0.5	1.5	4.3	10.3	18.8	28.9	40.4	54.9	69.8
27.5°	0.0	0.4	0.6	1.7	5.1	11.8	21.2	32.2	44.9	61.2	78.0
25°	0.0	0.4	0.6	1.9	5.9	13.3	23.4	35.5	50.0	67.9	86.2
22.5°	0.0	0.4	0.6	2.2	6.7	14.7	25.6	38.6	55.1	74.7	94.5
20°	0.0	0.4	0.6	2.4	7.4	16.1	27.6	41.7	60.1	81.4	102.4
17.5°	0.0	0.4	0.7	2.6	8.1	17.4	29.6	44.6	65.0	87.8	109.9
15°	0.0	0.4	0.7	2.9	8.8	18.6	31.3	47.2	69.7	94.1	116.9
12.5°	0.0	0.4	0.7	3.1	9.4	19.8	32.9	49.4	73.6	100.0	123.5
10°	0.0	0.4	0.7	3.4	10.0	20.8	34.4	51.3	76.7	103.5	128.7
7.5°	0.0	0.4	0.7	3.6	10.6	21.7	35.7	53.0	79.5	106.2	131.4
5°	0.0	0.4	0.8	3.8	11.1	22.6	36.8	54.5	81.8	108.3	133.6
2.5°	0.0	0.4	0.8	4.0	11.6	23.3	37.8	55.7	83.7	110.0	135.3
0°	0.0	0.4	0.8	4.2	12.0	23.9	38.6	56.7	85.2	111.1	136.5
-2.5°	0.0	0.4	0.9	4.5	12.5	24.7	39.6	58.3	86.9	112.7	138.3
-5°	0.0	0.4	1.0	4.7	13.0	25.3	40.5	59.7	88.1	113.8	139.6
-7.5°	0.0	0.5	1.1	5.0	13.4	25.8	41.2	60.8	88.9	114.5	140.4
-10°	0.0	0.5	1.2	5.2	13.8	26.2	41.7	61.5	89.2	114.8	140.6
-12.5°	0.0	0.5	1.4	5.3	14.0	26.4	41.9	62.0	89.1	114.6	139.9
-15°	0.0	0.5	1.4	5.5	14.2	26.5	42.0	62.1	88.4	113.6	138.6
-17.5°	0.0	0.5	1.5	5.6	14.2	26.5	41.9	61.9	87.3	112.3	136.7
-20°	0.0	0.6	1.6	5.6	14.2	26.4	41.8	61.6	85.9	110.6	134.3

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CATALOG NUMBER: GFLD-SA1C-740-U-WR-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	0.6	1.7	5.7	14.1	26.1	41.8	61.1	84.2	108.5	131.4
-25°	0.0	0.6	1.7	5.7	13.9	26.0	41.6	60.2	82.3	106.2	127.9
-27.5°	0.0	0.6	1.8	5.7	13.6	25.9	41.2	59.2	80.1	103.6	124.8
-30°	0.0	0.6	1.8	5.6	13.2	25.6	40.6	57.9	78.2	100.6	121.4
-32.5°	0.0	0.6	1.9	5.5	13.0	25.2	39.8	56.8	76.4	97.4	117.7
-35°	0.0	0.6	1.9	5.3	12.7	24.6	39.0	55.6	74.2	94.2	113.9
-37.5°	0.0	0.6	1.9	5.1	12.4	23.9	38.1	54.2	71.9	90.9	109.3
-40°	0.0	0.6	1.9	4.9	11.9	23.3	37.0	52.5	69.3	87.8	104.5
-42.5°	0.0	0.6	1.8	4.7	11.5	22.6	35.7	50.6	66.9	83.7	99.3
-45°	0.0	0.6	1.8	4.5	11.3	21.7	34.2	48.6	64.4	79.4	94.0
-47.5°	0.0	0.5	1.8	4.2	11.0	20.7	32.5	46.5	61.6	74.9	89.0
-50°	0.0	0.5	1.7	4.2	10.5	19.5	31.0	44.2	58.0	70.8	83.9
-52.5°	0.0	0.5	1.6	4.1	9.9	18.2	29.4	41.7	54.4	66.6	78.6
-55°	0.0	0.5	1.6	4.0	9.2	17.2	27.5	39.0	50.7	62.1	73.7
-57.5°	0.0	0.5	1.5	3.8	8.5	16.0	25.6	36.6	46.8	57.7	68.7
-60°	0.0	0.4	1.4	3.6	7.6	14.7	23.5	33.7	42.8	53.0	63.4
-62.5°	0.0	0.4	1.3	3.3	7.1	13.2	21.4	30.4	38.8	48.2	58.0
-65°	0.0	0.4	1.2	3.0	6.4	11.6	19.2	27.1	34.6	43.1	52.4
-67.5°	0.0	0.3	1.1	2.7	5.8	10.2	16.7	23.7	30.1	37.7	46.2
-70°	0.0	0.3	1.0	2.3	5.0	8.9	14.1	20.1	25.9	32.1	39.5
-72.5°	0.0	0.3	0.9	2.0	4.2	7.5	12.0	16.5	21.6	27.0	32.7
-75°	0.0	0.2	0.8	1.8	3.3	6.1	9.8	13.4	17.1	21.8	26.7
-77.5°	0.0	0.2	0.6	1.5	2.7	4.6	7.6	10.5	13.6	16.8	20.6
-80°	0.0	0.2	0.5	1.2	2.2	3.5	5.2	7.6	10.1	12.7	15.5
-82.5°	0.0	0.1	0.4	0.9	1.7	2.6	3.8	5.1	6.6	8.6	10.7
-85°	0.0	0.1	0.3	0.6	1.1	1.8	2.6	3.4	4.3	5.4	6.5
-87.5°	0.0	0.0	0.1	0.3	0.6	0.9	1.3	1.7	2.2	2.7	3.3
-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: P626692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-U-WR-VSR-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°	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
82.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
80°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
77.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
72.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
70°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
67.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.2
65°	0.4	0.4	0.5	0.6	0.4	0.4	0.4	0.4	0.4	0.4	0.4
62.5°	0.6	0.7	0.9	1.3	1.0	0.4	0.8	0.9	0.6	0.5	0.5
60°	1.7	1.1	3.0	4.1	2.7	1.4	1.8	3.5	2.9	0.8	2.1
57.5°	3.4	4.2	7.5	7.9	6.0	4.1	8.9	9.9	8.2	5.1	7.4
55°	7.1	10.0	12.6	12.5	12.5	15.7	18.5	18.2	16.0	22.1	27.8
52.5°	13.4	16.5	18.2	19.8	24.3	27.3	28.1	29.8	36.1	43.6	45.0
50°	19.7	22.8	25.1	30.9	35.6	37.9	40.1	45.9	55.4	60.6	61.4
47.5°	26.1	29.5	35.5	42.0	46.4	50.0	53.8	66.9	77.5	81.9	83.4
45°	32.7	38.6	46.2	52.8	58.0	62.8	75.2	93.1	100.5	107.2	124.4
42.5°	39.6	48.5	57.1	64.0	69.8	79.9	97.2	114.5	125.1	139.5	160.2
40°	48.4	58.4	68.3	75.3	82.6	97.9	119.3	137.6	148.9	168.1	191.7
37.5°	57.3	69.0	79.7	87.1	97.3	118.0	143.1	165.1	179.1	194.8	232.7
35°	66.1	79.8	90.8	100.7	113.3	141.9	172.9	197.3	214.6	241.4	289.4
32.5°	75.5	90.9	102.1	115.6	136.3	168.3	206.3	233.4	262.2	300.7	377.6
30°	85.5	101.2	114.1	130.3	158.1	195.4	239.5	273.6	312.6	375.3	458.1
27.5°	95.5	111.5	127.3	148.0	178.5	218.8	264.9	318.6	369.0	439.0	529.6
25°	105.1	122.0	140.3	165.3	198.3	240.5	290.8	352.8	418.5	498.7	605.0
22.5°	114.2	132.6	154.1	181.0	215.0	261.1	321.1	393.9	472.9	555.9	678.1
20°	123.2	144.5	169.1	199.2	230.4	280.1	350.7	438.8	537.9	651.6	771.3
17.5°	132.1	156.2	184.7	218.1	255.9	306.8	381.1	485.9	606.5	754.5	901.9
15°	140.8	167.7	199.7	236.8	281.7	342.4	426.8	542.1	687.7	864.9	1039.6
12.5°	149.2	178.9	214.2	255.0	306.6	376.0	469.9	594.2	761.2	972.9	1187.4
10°	157.2	189.6	227.9	272.6	330.5	407.3	508.0	639.4	816.6	1034.8	1273.4
7.5°	161.4	196.8	239.6	289.3	353.1	435.9	541.2	677.6	859.9	1084.5	1323.8
5°	164.3	200.1	244.0	296.0	365.5	455.4	566.5	708.8	891.8	1122.0	1357.9
2.5°	166.5	202.5	247.1	299.8	370.4	461.9	574.9	719.7	908.9	1141.5	1377.9
0°	168.1	204.0	249.1	301.9	372.9	465.0	578.8	724.2	916.2	1146.0	1385.1
-2.5°	169.7	206.0	251.2	305.3	376.4	469.3	583.1	727.4	921.6	1147.3	1389.0
-5°	170.7	207.1	252.0	306.9	377.6	470.1	582.8	724.3	917.3	1138.3	1380.5
-7.5°	171.0	207.2	251.6	306.6	376.1	466.5	576.6	715.3	902.4	1120.1	1359.7
-10°	170.5	206.3	249.9	303.8	371.9	458.9	565.6	699.7	877.8	1090.0	1324.4
-12.5°	169.3	204.3	246.9	299.3	365.1	448.1	550.1	677.3	843.7	1048.1	1274.8
-15°	167.3	201.5	242.6	293.0	355.7	434.3	530.1	648.3	799.7	995.0	1213.0
-17.5°	164.6	197.6	237.0	285.0	343.6	417.5	506.0	614.4	752.3	935.7	1144.2
-20°	161.1	192.9	230.1	275.2	329.8	399.7	483.6	584.3	708.0	867.7	1063.1

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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	156.8	187.2	222.7	265.9	317.5	381.3	458.6	550.2	658.2	789.2	974.6
-25°	152.4	181.8	215.5	255.5	303.4	360.5	430.0	513.4	611.2	731.1	884.4
-27.5°	148.1	175.6	207.3	243.6	287.7	338.9	403.1	479.2	566.3	668.3	793.1
-30°	143.2	168.6	198.1	231.1	272.6	320.2	375.6	440.8	518.3	610.4	718.9
-32.5°	137.8	161.2	189.3	220.2	256.5	299.7	347.7	406.7	474.1	550.1	643.9
-35°	132.5	154.8	180.2	208.5	239.2	279.6	323.7	372.7	430.0	497.3	572.3
-37.5°	127.4	147.8	170.5	196.8	225.6	259.3	298.2	342.4	391.8	445.3	510.1
-40°	121.7	140.3	161.8	185.6	211.1	240.3	275.4	312.9	355.4	402.5	452.5
-42.5°	115.6	133.4	153.0	173.5	196.9	223.0	252.1	286.4	321.7	361.2	404.8
-45°	109.5	125.9	143.8	162.6	182.2	205.2	231.7	260.2	291.5	323.7	360.4
-47.5°	103.2	118.1	134.8	151.1	168.5	188.2	210.6	236.5	262.6	291.3	319.7
-50°	96.8	110.8	124.8	140.1	155.7	172.0	191.0	213.3	237.1	260.9	285.9
-52.5°	91.1	103.2	115.9	129.0	143.2	157.7	173.5	191.9	212.7	233.7	255.2
-55°	85.2	96.4	106.9	118.6	130.9	144.0	158.1	173.6	189.3	208.4	226.9
-57.5°	79.5	89.4	98.6	108.6	119.5	130.6	143.3	156.5	170.7	185.1	200.3
-60°	73.8	82.2	90.5	99.1	108.3	118.2	128.4	140.0	152.2	164.7	177.9
-62.5°	67.9	74.7	82.0	89.9	98.0	105.6	114.2	123.6	133.6	144.4	155.6
-65°	61.3	66.9	73.0	79.9	87.5	93.6	100.2	107.3	115.6	124.5	133.2
-67.5°	54.2	59.2	64.2	69.3	75.5	80.9	86.3	92.0	98.2	105.4	112.5
-70°	46.3	51.3	55.7	60.0	63.9	67.8	72.3	76.8	81.8	88.3	94.7
-72.5°	38.3	43.0	47.2	50.8	53.5	55.9	58.7	61.9	66.7	72.7	78.4
-75°	31.0	34.8	38.7	42.1	43.9	44.6	45.2	46.9	51.8	57.9	63.4
-77.5°	24.2	27.5	30.6	33.6	34.9	35.4	35.6	35.6	39.2	44.4	50.0
-80°	17.8	20.1	22.8	25.3	26.1	26.3	26.3	26.2	29.1	32.9	37.0
-82.5°	12.4	14.0	15.7	17.5	17.7	17.6	17.3	17.1	19.4	22.2	25.0
-85°	7.2	7.9	8.9	10.0	10.1	10.1	9.9	9.6	10.9	12.4	14.0
-87.5°	3.6	3.9	4.3	4.6	4.5	4.3	4.1	3.8	4.2	4.6	5.0
-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: P626692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-U-WR-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°	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.2	0.1	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	0.1	0.1	0.1	0.0	0.0	0.0
62.5°	0.5	0.5	0.4	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3
60°	2.2	1.3	1.3	1.6	1.4	0.6	1.3	1.6	1.5	1.1	1.0
57.5°	11.0	9.2	6.4	10.8	11.2	7.8	8.4	11.0	10.7	8.3	8.3
55°	27.9	28.3	30.4	33.1	35.2	36.1	36.9	41.1	45.5	49.9	52.0
52.5°	46.1	51.5	58.2	62.6	65.7	72.0	80.9	85.0	89.0	93.5	96.8
50°	67.8	77.2	83.9	84.9	95.5	102.3	103.9	111.6	119.9	125.1	128.8
47.5°	100.9	112.8	118.6	122.4	135.2	149.3	149.4	153.8	174.6	185.6	190.8
45°	145.3	155.2	165.6	192.6	217.3	225.2	242.0	264.8	279.6	300.0	322.4
42.5°	183.2	201.7	227.7	257.4	282.2	302.9	327.9	355.3	388.2	419.1	445.8
40°	220.7	243.6	275.8	308.1	339.3	368.0	408.3	443.5	482.3	524.8	560.3
37.5°	269.5	298.9	332.1	372.8	421.5	453.3	508.7	559.3	603.0	654.4	686.1
35°	344.6	382.9	412.3	494.5	553.8	591.0	656.6	739.8	771.7	836.4	867.1
32.5°	439.0	489.8	567.3	676.2	755.3	823.8	921.8	1006.2	1078.2	1143.2	1210.8
30°	545.0	623.5	737.7	882.5	962.8	1058.6	1191.2	1291.3	1404.1	1527.9	1571.3
27.5°	641.2	758.9	891.5	1008.7	1124.0	1243.4	1373.7	1502.3	1624.4	1727.4	1796.6
25°	730.4	872.9	1001.7	1127.0	1252.0	1386.5	1533.8	1679.6	1814.0	1920.0	2000.6
22.5°	822.4	972.9	1110.7	1237.9	1383.2	1535.6	1692.4	1859.6	2012.5	2122.5	2210.3
20°	908.9	1076.3	1233.5	1378.2	1515.6	1691.6	1872.0	2049.4	2216.0	2347.0	2448.2
17.5°	1046.2	1191.5	1383.7	1571.6	1726.5	1888.1	2129.2	2312.3	2497.1	2654.0	2761.4
15°	1214.8	1374.6	1573.0	1831.2	2043.3	2228.4	2477.5	2775.4	2993.4	3193.7	3331.1
12.5°	1383.5	1564.3	1778.8	2069.5	2371.4	2589.5	2891.7	3269.2	3523.1	3833.2	3986.2
10°	1512.8	1739.8	1960.8	2226.0	2516.0	2826.6	3152.4	3505.5	3844.7	4111.1	4349.2
7.5°	1564.9	1806.6	2062.5	2333.1	2623.0	2943.6	3290.8	3658.2	4007.4	4304.9	4566.6
5°	1603.8	1851.5	2109.1	2385.7	2695.7	3030.5	3382.8	3768.6	4125.2	4444.1	4711.7
2.5°	1628.6	1878.6	2135.1	2416.3	2742.4	3087.0	3450.7	3846.7	4208.6	4536.9	4803.7
0°	1638.1	1884.5	2147.1	2436.6	2759.4	3104.9	3484.3	3885.0	4249.8	4567.1	4841.7
-2.5°	1639.4	1879.0	2147.9	2436.0	2744.9	3093.6	3477.6	3874.9	4232.3	4548.3	4825.3
-5°	1626.5	1866.0	2135.1	2418.9	2728.2	3074.3	3441.8	3825.7	4166.6	4474.2	4740.9
-7.5°	1600.4	1839.3	2102.4	2379.7	2680.6	3016.4	3369.4	3726.3	4060.7	4355.7	4610.2
-10°	1561.7	1795.6	2049.6	2319.7	2604.5	2923.8	3260.4	3601.4	3915.0	4187.9	4423.2
-12.5°	1509.3	1737.7	1980.3	2238.2	2503.3	2807.7	3125.6	3445.8	3731.6	3980.7	4191.9
-15°	1441.2	1664.3	1899.2	2143.1	2400.2	2675.5	2960.7	3254.5	3518.1	3739.0	3931.9
-17.5°	1361.0	1577.4	1800.5	2026.6	2270.5	2528.8	2793.6	3057.3	3282.1	3478.3	3654.7
-20°	1271.6	1480.1	1692.0	1902.8	2124.1	2363.0	2607.5	2839.1	3035.6	3213.9	3375.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626692 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1171.4	1371.0	1574.1	1771.3	1970.9	2187.2	2405.6	2615.0	2798.8	2951.3	3091.6
-25°	1064.1	1248.5	1440.3	1625.2	1808.9	2002.7	2201.1	2393.8	2555.5	2688.0	2803.9
-27.5°	955.9	1124.4	1293.4	1467.6	1637.3	1816.2	1995.8	2162.3	2307.4	2429.4	2526.8
-30°	842.3	992.9	1147.2	1304.8	1466.9	1630.6	1792.9	1938.6	2065.4	2172.6	2256.8
-32.5°	747.8	862.3	998.5	1141.5	1293.5	1442.6	1583.8	1716.6	1836.1	1929.7	2001.1
-35°	657.3	754.2	856.3	982.9	1113.4	1250.6	1380.5	1499.1	1605.5	1687.3	1754.5
-37.5°	579.5	656.1	742.4	832.8	942.2	1055.7	1172.9	1284.4	1379.4	1450.7	1510.7
-40°	512.2	572.7	641.6	713.2	793.7	875.3	977.3	1071.4	1148.9	1215.6	1270.0
-42.5°	451.3	502.3	553.2	612.0	672.7	738.3	809.9	879.5	938.9	994.8	1040.9
-45°	398.7	439.5	480.1	525.4	570.0	623.3	674.5	720.2	768.3	810.1	843.0
-47.5°	352.7	384.5	419.3	453.3	489.1	529.2	567.3	602.0	637.3	667.9	692.4
-50°	311.8	338.2	366.6	393.3	422.3	451.6	479.8	507.4	534.2	557.5	575.6
-52.5°	276.1	299.1	321.2	342.5	365.5	387.3	407.7	430.5	451.4	469.8	482.2
-55°	245.7	264.5	282.6	300.3	317.8	334.3	350.5	368.2	384.4	398.9	408.2
-57.5°	217.1	233.1	248.4	262.9	276.7	289.8	303.5	317.2	329.6	340.6	347.7
-60°	191.1	204.1	217.4	229.2	240.4	250.8	262.4	273.3	283.4	291.8	296.7
-62.5°	167.2	179.0	188.8	198.1	207.6	217.0	225.2	233.2	241.0	247.6	251.9
-65°	142.3	152.3	160.6	168.1	174.9	182.2	189.2	195.5	201.1	205.4	208.1
-67.5°	120.0	127.4	134.0	140.0	146.1	151.9	157.3	162.1	166.3	169.3	171.2
-70°	100.6	106.2	111.7	117.1	122.5	127.1	131.0	134.6	137.8	139.2	139.8
-72.5°	83.6	88.6	93.4	98.2	102.7	106.2	109.1	111.7	114.1	112.0	108.5
-75°	68.2	72.6	77.1	81.3	85.3	88.0	90.1	92.1	93.8	89.4	83.4
-77.5°	55.6	59.4	62.7	66.0	69.3	71.0	72.4	73.7	75.0	70.1	63.9
-80°	41.2	44.3	47.1	49.9	52.6	53.7	54.3	54.7	55.0	50.7	45.9
-82.5°	27.8	29.4	31.0	32.6	34.3	35.2	35.8	36.3	36.7	33.7	30.3
-85°	15.6	16.1	16.5	16.8	17.1	17.6	18.2	18.7	19.1	17.7	16.1
-87.5°	5.4	5.4	5.4	5.3	5.3	5.3	5.3	5.2	5.2	5.0	4.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626692 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-WR-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	0.0	0.1
62.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
60°	0.8	0.5	0.4	0.4	0.4	0.5	0.8	1.0	1.1	1.5	1.6
57.5°	7.7	6.7	6.0	5.4	6.0	6.7	7.7	8.3	8.3	10.7	11.0
55°	51.1	47.5	43.2	38.2	43.2	47.5	51.1	52.0	49.9	45.5	41.1
52.5°	100.2	103.5	105.5	105.3	105.5	103.5	100.2	96.8	93.5	89.0	85.0
50°	131.8	133.6	133.8	132.3	133.8	133.6	131.8	128.8	125.1	119.9	111.6
47.5°	193.2	190.7	186.3	181.6	186.3	190.7	193.2	190.8	185.6	174.6	153.8
45°	337.1	345.3	344.7	334.3	344.7	345.3	337.1	322.4	300.0	279.6	264.8
42.5°	460.7	472.9	481.5	485.9	481.5	472.9	460.7	445.8	419.1	388.2	355.3
40°	580.3	592.1	597.2	596.9	597.2	592.1	580.3	560.3	524.8	482.3	443.5
37.5°	706.6	721.9	729.2	725.7	729.2	721.9	706.6	686.1	654.4	603.0	559.3
35°	880.4	894.6	894.9	887.7	894.9	894.6	880.4	867.1	836.4	771.7	739.8
32.5°	1264.4	1269.2	1232.7	1219.7	1232.7	1269.2	1264.4	1210.8	1143.2	1078.2	1006.2
30°	1614.5	1648.3	1679.7	1695.5	1679.7	1648.3	1614.5	1571.3	1527.9	1404.1	1291.3
27.5°	1848.7	1889.3	1914.5	1916.1	1914.5	1889.3	1848.7	1796.6	1727.4	1624.4	1502.3
25°	2061.7	2107.1	2134.6	2144.0	2134.6	2107.1	2061.7	2000.6	1920.0	1814.0	1679.6
22.5°	2284.9	2338.4	2373.8	2381.1	2373.8	2338.4	2284.9	2210.3	2122.5	2012.5	1859.6
20°	2543.8	2606.1	2640.1	2638.7	2640.1	2606.1	2543.8	2448.2	2347.0	2216.0	2049.4
17.5°	2884.7	2951.5	2980.8	2968.0	2980.8	2951.5	2884.7	2761.4	2654.0	2497.1	2312.3
15°	3472.3	3612.0	3611.4	3555.7	3611.4	3612.0	3472.3	3331.1	3193.7	2993.4	2775.4
12.5°	4197.1	4301.2	4408.1	4431.0	4408.1	4301.2	4197.1	3986.2	3833.2	3523.1	3269.2
10°	4549.7	4688.0	4779.3	4776.9	4779.3	4688.0	4549.7	4349.2	4111.1	3844.7	3505.5
7.5°	4770.3	4923.1	5033.7	5031.4	5033.7	4923.1	4770.3	4566.6	4304.9	4007.4	3658.2
5°	4940.7	5110.1	5208.0	5215.3	5208.0	5110.1	4940.7	4711.7	4444.1	4125.2	3768.6
2.5°	5029.1	5205.9	5323.8	5308.2	5323.8	5205.9	5029.1	4803.7	4536.9	4208.6	3846.7
0°	5066.1	5241.1	5351.0	5398.5	5351.0	5241.1	5066.1	4841.7	4567.1	4249.8	3885.0
-2.5°	5049.9	5220.3	5341.7	5346.4	5341.7	5220.3	5049.9	4825.3	4548.3	4232.3	3874.9
-5°	4963.4	5143.2	5224.5	5267.8	5224.5	5143.2	4963.4	4740.9	4474.2	4166.6	3825.7
-7.5°	4823.8	4958.6	5061.9	5109.7	5061.9	4958.6	4823.8	4610.2	4355.7	4060.7	3726.3
-10°	4606.7	4746.2	4833.5	4872.9	4833.5	4746.2	4606.7	4423.2	4187.9	3915.0	3601.4
-12.5°	4366.1	4492.9	4575.9	4609.1	4575.9	4492.9	4366.1	4191.9	3980.7	3731.6	3445.8
-15°	4097.7	4212.8	4289.2	4321.1	4289.2	4212.8	4097.7	3931.9	3739.0	3518.1	3254.5
-17.5°	3802.2	3903.1	3979.3	4002.2	3979.3	3903.1	3802.2	3654.7	3478.3	3282.1	3057.3
-20°	3498.4	3589.6	3652.3	3666.0	3652.3	3589.6	3498.4	3375.3	3213.9	3035.6	2839.1



REPORT NUMBER: P626692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3192.2	3267.3	3318.3	3335.5	3318.3	3267.3	3192.2	3091.6	2951.3	2798.8	2615.0
-25°	2893.1	2957.9	2998.9	3014.3	2998.9	2957.9	2893.1	2803.9	2688.0	2555.5	2393.8
-27.5°	2605.4	2665.8	2703.5	2708.5	2703.5	2665.8	2605.4	2526.8	2429.4	2307.4	2162.3
-30°	2322.3	2372.2	2401.2	2413.5	2401.2	2372.2	2322.3	2256.8	2172.6	2065.4	1938.6
-32.5°	2057.7	2101.3	2127.4	2134.3	2127.4	2101.3	2057.7	2001.1	1929.7	1836.1	1716.6
-35°	1807.9	1848.2	1871.3	1869.4	1871.3	1848.2	1807.9	1754.5	1687.3	1605.5	1499.1
-37.5°	1560.3	1597.4	1618.4	1616.5	1618.4	1597.4	1560.3	1510.7	1450.7	1379.4	1284.4
-40°	1314.7	1346.7	1365.2	1369.7	1365.2	1346.7	1314.7	1270.0	1215.6	1148.9	1071.4
-42.5°	1079.3	1108.9	1123.7	1117.9	1123.7	1108.9	1079.3	1040.9	994.8	938.9	879.5
-45°	866.0	881.3	891.4	897.7	891.4	881.3	866.0	843.0	810.1	768.3	720.2
-47.5°	710.4	723.0	729.9	731.1	729.9	723.0	710.4	692.4	667.9	637.3	602.0
-50°	589.7	600.5	605.3	603.9	605.3	600.5	589.7	575.6	557.5	534.2	507.4
-52.5°	491.1	497.3	501.5	503.6	501.5	497.3	491.1	482.2	469.8	451.4	430.5
-55°	415.1	420.0	422.8	423.8	422.8	420.0	415.1	408.2	398.9	384.4	368.2
-57.5°	353.7	358.3	360.0	359.4	360.0	358.3	353.7	347.7	340.6	329.6	317.2
-60°	300.5	303.2	305.2	306.2	305.2	303.2	300.5	296.7	291.8	283.4	273.3
-62.5°	255.3	257.8	259.9	261.1	259.9	257.8	255.3	251.9	247.6	241.0	233.2
-65°	210.0	211.1	211.4	210.9	211.4	211.1	210.0	208.1	205.4	201.1	195.5
-67.5°	172.7	173.6	174.2	174.3	174.2	173.6	172.7	171.2	169.3	166.3	162.1
-70°	140.4	140.7	140.3	139.2	140.3	140.7	140.4	139.8	139.2	137.8	134.6
-72.5°	104.8	101.0	97.2	92.9	97.2	101.0	104.8	108.5	112.0	114.1	111.7
-75°	77.1	70.6	68.2	65.9	68.2	70.6	77.1	83.4	89.4	93.8	92.1
-77.5°	57.3	50.5	48.7	47.0	48.7	50.5	57.3	63.9	70.1	75.0	73.7
-80°	40.8	35.5	34.3	33.2	34.3	35.5	40.8	45.9	50.7	55.0	54.7
-82.5°	26.8	23.0	22.3	21.6	22.3	23.0	26.8	30.3	33.7	36.7	36.3
-85°	14.4	12.6	12.3	12.0	12.3	12.6	14.4	16.1	17.7	19.1	18.7
-87.5°	4.5	4.2	4.2	4.2	4.2	4.2	4.5	4.7	5.0	5.2	5.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-U-WR-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	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
82.5°	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
80°	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
77.5°	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
75°	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
72.5°	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
70°	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4
67.5°	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.4
65°	0.1	0.1	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4
62.5°	0.3	0.4	0.4	0.3	0.4	0.5	0.5	0.5	0.5	0.6	0.9
60°	1.3	0.6	1.4	1.6	1.3	1.3	2.2	2.1	0.8	2.9	3.5
57.5°	8.4	7.8	11.2	10.8	6.4	9.2	11.0	7.4	5.1	8.2	9.9
55°	36.9	36.1	35.2	33.1	30.4	28.3	27.9	27.8	22.1	16.0	18.2
52.5°	80.9	72.0	65.7	62.6	58.2	51.5	46.1	45.0	43.6	36.1	29.8
50°	103.9	102.3	95.5	84.9	83.9	77.2	67.8	61.4	60.6	55.4	45.9
47.5°	149.4	149.3	135.2	122.4	118.6	112.8	100.9	83.4	81.9	77.5	66.9
45°	242.0	225.2	217.3	192.6	165.6	155.2	145.3	124.4	107.2	100.5	93.1
42.5°	327.9	302.9	282.2	257.4	227.7	201.7	183.2	160.2	139.5	125.1	114.5
40°	408.3	368.0	339.3	308.1	275.8	243.6	220.7	191.7	168.1	148.9	137.6
37.5°	508.7	453.3	421.5	372.8	332.1	298.9	269.5	232.7	194.8	179.1	165.1
35°	656.6	591.0	553.8	494.5	412.3	382.9	344.6	289.4	241.4	214.6	197.3
32.5°	921.8	823.8	755.3	676.2	567.3	489.8	439.0	377.6	300.7	262.2	233.4
30°	1191.2	1058.6	962.8	882.5	737.7	623.5	545.0	458.1	375.3	312.6	273.6
27.5°	1373.7	1243.4	1124.0	1008.7	891.5	758.9	641.2	529.6	439.0	369.0	318.6
25°	1533.8	1386.5	1252.0	1127.0	1001.7	872.9	730.4	605.0	498.7	418.5	352.8
22.5°	1692.4	1535.6	1383.2	1237.9	1110.7	972.9	822.4	678.1	555.9	472.9	393.9
20°	1872.0	1691.6	1515.6	1378.2	1233.5	1076.3	908.9	771.3	651.6	537.9	438.8
17.5°	2129.2	1888.1	1726.5	1571.6	1383.7	1191.5	1046.2	901.9	754.5	606.5	485.9
15°	2477.5	2228.4	2043.3	1831.2	1573.0	1374.6	1214.8	1039.6	864.9	687.7	542.1
12.5°	2891.7	2589.5	2371.4	2069.5	1778.8	1564.3	1383.5	1187.4	972.9	761.2	594.2
10°	3152.4	2826.6	2516.0	2226.0	1960.8	1739.8	1512.8	1273.4	1034.8	816.6	639.4
7.5°	3290.8	2943.6	2623.0	2333.1	2062.5	1806.6	1564.9	1323.8	1084.5	859.9	677.6
5°	3382.8	3030.5	2695.7	2385.7	2109.1	1851.5	1603.8	1357.9	1122.0	891.8	708.8
2.5°	3450.7	3087.0	2742.4	2416.3	2135.1	1878.6	1628.6	1377.9	1141.5	908.9	719.7
0°	3484.3	3104.9	2759.4	2436.6	2147.1	1884.5	1638.1	1385.1	1146.0	916.2	724.2
-2.5°	3477.6	3093.6	2744.9	2436.0	2147.9	1879.0	1639.4	1389.0	1147.3	921.6	727.4
-5°	3441.8	3074.3	2728.2	2418.9	2135.1	1866.0	1626.5	1380.5	1138.3	917.3	724.3
-7.5°	3369.4	3016.4	2680.6	2379.7	2102.4	1839.3	1600.4	1359.7	1120.1	902.4	715.3
-10°	3260.4	2923.8	2604.5	2319.7	2049.6	1795.6	1561.7	1324.4	1090.0	877.8	699.7
-12.5°	3125.6	2807.7	2503.3	2238.2	1980.3	1737.7	1509.3	1274.8	1048.1	843.7	677.3
-15°	2960.7	2675.5	2400.2	2143.1	1899.2	1664.3	1441.2	1213.0	995.0	799.7	648.3
-17.5°	2793.6	2528.8	2270.5	2026.6	1800.5	1577.4	1361.0	1144.2	935.7	752.3	614.4
-20°	2607.5	2363.0	2124.1	1902.8	1692.0	1480.1	1271.6	1063.1	867.7	708.0	584.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626692 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2405.6	2187.2	1970.9	1771.3	1574.1	1371.0	1171.4	974.6	789.2	658.2	550.2
-25°	2201.1	2002.7	1808.9	1625.2	1440.3	1248.5	1064.1	884.4	731.1	611.2	513.4
-27.5°	1995.8	1816.2	1637.3	1467.6	1293.4	1124.4	955.9	793.1	668.3	566.3	479.2
-30°	1792.9	1630.6	1466.9	1304.8	1147.2	992.9	842.3	718.9	610.4	518.3	440.8
-32.5°	1583.8	1442.6	1293.5	1141.5	998.5	862.3	747.8	643.9	550.1	474.1	406.7
-35°	1380.5	1250.6	1113.4	982.9	856.3	754.2	657.3	572.3	497.3	430.0	372.7
-37.5°	1172.9	1055.7	942.2	832.8	742.4	656.1	579.5	510.1	445.3	391.8	342.4
-40°	977.3	875.3	793.7	713.2	641.6	572.7	512.2	452.5	402.5	355.4	312.9
-42.5°	809.9	738.3	672.7	612.0	553.2	502.3	451.3	404.8	361.2	321.7	286.4
-45°	674.5	623.3	570.0	525.4	480.1	439.5	398.7	360.4	323.7	291.5	260.2
-47.5°	567.3	529.2	489.1	453.3	419.3	384.5	352.7	319.7	291.3	262.6	236.5
-50°	479.8	451.6	422.3	393.3	366.6	338.2	311.8	285.9	260.9	237.1	213.3
-52.5°	407.7	387.3	365.5	342.5	321.2	299.1	276.1	255.2	233.7	212.7	191.9
-55°	350.5	334.3	317.8	300.3	282.6	264.5	245.7	226.9	208.4	189.3	173.6
-57.5°	303.5	289.8	276.7	262.9	248.4	233.1	217.1	200.3	185.1	170.7	156.5
-60°	262.4	250.8	240.4	229.2	217.4	204.1	191.1	177.9	164.7	152.2	140.0
-62.5°	225.2	217.0	207.6	198.1	188.8	179.0	167.2	155.6	144.4	133.6	123.6
-65°	189.2	182.2	174.9	168.1	160.6	152.3	142.3	133.2	124.5	115.6	107.3
-67.5°	157.3	151.9	146.1	140.0	134.0	127.4	120.0	112.5	105.4	98.2	92.0
-70°	131.0	127.1	122.5	117.1	111.7	106.2	100.6	94.7	88.3	81.8	76.8
-72.5°	109.1	106.2	102.7	98.2	93.4	88.6	83.6	78.4	72.7	66.7	61.9
-75°	90.1	88.0	85.3	81.3	77.1	72.6	68.2	63.4	57.9	51.8	46.9
-77.5°	72.4	71.0	69.3	66.0	62.7	59.4	55.6	50.0	44.4	39.2	35.6
-80°	54.3	53.7	52.6	49.9	47.1	44.3	41.2	37.0	32.9	29.1	26.2
-82.5°	35.8	35.2	34.3	32.6	31.0	29.4	27.8	25.0	22.2	19.4	17.1
-85°	18.2	17.6	17.1	16.8	16.5	16.1	15.6	14.0	12.4	10.9	9.6
-87.5°	5.3	5.3	5.3	5.3	5.4	5.4	5.4	5.0	4.6	4.2	3.8
-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: P626692 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-740-U-WR-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°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.2
82.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
80°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
77.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
72.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
70°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
67.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.4
65°	0.4	0.4	0.4	0.6	0.5	0.4	0.4	0.8	0.7	0.6	0.4
62.5°	0.8	0.4	1.0	1.3	0.9	0.7	0.6	1.6	1.1	0.8	0.5
60°	1.8	1.4	2.7	4.1	3.0	1.1	1.7	2.8	2.6	1.0	0.8
57.5°	8.9	4.1	6.0	7.9	7.5	4.2	3.4	4.7	4.3	2.5	1.0
55°	18.5	15.7	12.5	12.5	12.6	10.0	7.1	7.3	6.5	4.6	1.5
52.5°	28.1	27.3	24.3	19.8	18.2	16.5	13.4	10.3	9.6	6.9	3.7
50°	40.1	37.9	35.6	30.9	25.1	22.8	19.7	15.8	13.1	9.7	6.0
47.5°	53.8	50.0	46.4	42.0	35.5	29.5	26.1	21.5	16.9	13.2	8.4
45°	75.2	62.8	58.0	52.8	46.2	38.6	32.7	27.1	21.9	16.8	10.8
42.5°	97.2	79.9	69.8	64.0	57.1	48.5	39.6	33.3	26.9	20.4	13.7
40°	119.3	97.9	82.6	75.3	68.3	58.4	48.4	39.7	31.7	24.1	16.8
37.5°	143.1	118.0	97.3	87.1	79.7	69.0	57.3	46.4	36.6	28.2	19.9
35°	172.9	141.9	113.3	100.7	90.8	79.8	66.1	53.6	42.6	32.2	22.9
32.5°	206.3	168.3	136.3	115.6	102.1	90.9	75.5	61.7	48.7	36.3	25.9
30°	239.5	195.4	158.1	130.3	114.1	101.2	85.5	69.8	54.9	40.4	28.9
27.5°	264.9	218.8	178.5	148.0	127.3	111.5	95.5	78.0	61.2	44.9	32.2
25°	290.8	240.5	198.3	165.3	140.3	122.0	105.1	86.2	67.9	50.0	35.5
22.5°	321.1	261.1	215.0	181.0	154.1	132.6	114.2	94.5	74.7	55.1	38.6
20°	350.7	280.1	230.4	199.2	169.1	144.5	123.2	102.4	81.4	60.1	41.7
17.5°	381.1	306.8	255.9	218.1	184.7	156.2	132.1	109.9	87.8	65.0	44.6
15°	426.8	342.4	281.7	236.8	199.7	167.7	140.8	116.9	94.1	69.7	47.2
12.5°	469.9	376.0	306.6	255.0	214.2	178.9	149.2	123.5	100.0	73.6	49.4
10°	508.0	407.3	330.5	272.6	227.9	189.6	157.2	128.7	103.5	76.7	51.3
7.5°	541.2	435.9	353.1	289.3	239.6	196.8	161.4	131.4	106.2	79.5	53.0
5°	566.5	455.4	365.5	296.0	244.0	200.1	164.3	133.6	108.3	81.8	54.5
2.5°	574.9	461.9	370.4	299.8	247.1	202.5	166.5	135.3	110.0	83.7	55.7
0°	578.8	465.0	372.9	301.9	249.1	204.0	168.1	136.5	111.1	85.2	56.7
-2.5°	583.1	469.3	376.4	305.3	251.2	206.0	169.7	138.3	112.7	86.9	58.3
-5°	582.8	470.1	377.6	306.9	252.0	207.1	170.7	139.6	113.8	88.1	59.7
-7.5°	576.6	466.5	376.1	306.6	251.6	207.2	171.0	140.4	114.5	88.9	60.8
-10°	565.6	458.9	371.9	303.8	249.9	206.3	170.5	140.6	114.8	89.2	61.5
-12.5°	550.1	448.1	365.1	299.3	246.9	204.3	169.3	139.9	114.6	89.1	62.0
-15°	530.1	434.3	355.7	293.0	242.6	201.5	167.3	138.6	113.6	88.4	62.1
-17.5°	506.0	417.5	343.6	285.0	237.0	197.6	164.6	136.7	112.3	87.3	61.9
-20°	483.6	399.7	329.8	275.2	230.1	192.9	161.1	134.3	110.6	85.9	61.6

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626692 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	458.6	381.3	317.5	265.9	222.7	187.2	156.8	131.4	108.5	84.2	61.1
-25°	430.0	360.5	303.4	255.5	215.5	181.8	152.4	127.9	106.2	82.3	60.2
-27.5°	403.1	338.9	287.7	243.6	207.3	175.6	148.1	124.8	103.6	80.1	59.2
-30°	375.6	320.2	272.6	231.1	198.1	168.6	143.2	121.4	100.6	78.2	57.9
-32.5°	347.7	299.7	256.5	220.2	189.3	161.2	137.8	117.7	97.4	76.4	56.8
-35°	323.7	279.6	239.2	208.5	180.2	154.8	132.5	113.9	94.2	74.2	55.6
-37.5°	298.2	259.3	225.6	196.8	170.5	147.8	127.4	109.3	90.9	71.9	54.2
-40°	275.4	240.3	211.1	185.6	161.8	140.3	121.7	104.5	87.8	69.3	52.5
-42.5°	252.1	223.0	196.9	173.5	153.0	133.4	115.6	99.3	83.7	66.9	50.6
-45°	231.7	205.2	182.2	162.6	143.8	125.9	109.5	94.0	79.4	64.4	48.6
-47.5°	210.6	188.2	168.5	151.1	134.8	118.1	103.2	89.0	74.9	61.6	46.5
-50°	191.0	172.0	155.7	140.1	124.8	110.8	96.8	83.9	70.8	58.0	44.2
-52.5°	173.5	157.7	143.2	129.0	115.9	103.2	91.1	78.6	66.6	54.4	41.7
-55°	158.1	144.0	130.9	118.6	106.9	96.4	85.2	73.7	62.1	50.7	39.0
-57.5°	143.3	130.6	119.5	108.6	98.6	89.4	79.5	68.7	57.7	46.8	36.6
-60°	128.4	118.2	108.3	99.1	90.5	82.2	73.8	63.4	53.0	42.8	33.7
-62.5°	114.2	105.6	98.0	89.9	82.0	74.7	67.9	58.0	48.2	38.8	30.4
-65°	100.2	93.6	87.5	79.9	73.0	66.9	61.3	52.4	43.1	34.6	27.1
-67.5°	86.3	80.9	75.5	69.3	64.2	59.2	54.2	46.2	37.7	30.1	23.7
-70°	72.3	67.8	63.9	60.0	55.7	51.3	46.3	39.5	32.1	25.9	20.1
-72.5°	58.7	55.9	53.5	50.8	47.2	43.0	38.3	32.7	27.0	21.6	16.5
-75°	45.2	44.6	43.9	42.1	38.7	34.8	31.0	26.7	21.8	17.1	13.4
-77.5°	35.6	35.4	34.9	33.6	30.6	27.5	24.2	20.6	16.8	13.6	10.5
-80°	26.3	26.3	26.1	25.3	22.8	20.1	17.8	15.5	12.7	10.1	7.6
-82.5°	17.3	17.6	17.7	17.5	15.7	14.0	12.4	10.7	8.6	6.6	5.1
-85°	9.9	10.1	10.1	10.0	8.9	7.9	7.2	6.5	5.4	4.3	3.4
-87.5°	4.1	4.3	4.5	4.6	4.3	3.9	3.6	3.3	2.7	2.2	1.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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Scaled Data Report



REPORT NUMBER: P626692 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-740-U-WR-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°	0.1	0.1	0.1	0.1	0.0	0.0	0.0
85°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
82.5°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
80°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
77.5°	0.4	0.4	0.3	0.3	0.2	0.1	0.0
75°	0.4	0.4	0.4	0.3	0.2	0.1	0.0
72.5°	0.4	0.4	0.4	0.4	0.2	0.1	0.0
70°	0.4	0.4	0.4	0.4	0.3	0.1	0.0
67.5°	0.4	0.4	0.4	0.4	0.3	0.2	0.0
65°	0.5	0.4	0.4	0.4	0.3	0.2	0.0
62.5°	0.5	0.5	0.4	0.4	0.4	0.2	0.0
60°	0.6	0.6	0.4	0.4	0.4	0.2	0.0
57.5°	1.0	0.7	0.5	0.4	0.4	0.2	0.0
55°	1.6	0.8	0.6	0.4	0.4	0.2	0.0
52.5°	2.2	1.1	0.7	0.4	0.4	0.2	0.0
50°	3.0	1.7	0.9	0.4	0.4	0.3	0.0
47.5°	3.9	2.4	1.0	0.4	0.4	0.3	0.0
45°	6.0	3.2	1.1	0.5	0.4	0.3	0.0
42.5°	8.1	4.0	1.3	0.6	0.5	0.3	0.0
40°	10.2	4.9	1.7	0.8	0.5	0.3	0.0
37.5°	12.2	5.7	2.3	0.9	0.5	0.3	0.0
35°	14.3	7.1	3.0	1.1	0.5	0.3	0.0
32.5°	16.4	8.7	3.7	1.3	0.5	0.3	0.0
30°	18.8	10.3	4.3	1.5	0.5	0.3	0.0
27.5°	21.2	11.8	5.1	1.7	0.6	0.4	0.0
25°	23.4	13.3	5.9	1.9	0.6	0.4	0.0
22.5°	25.6	14.7	6.7	2.2	0.6	0.4	0.0
20°	27.6	16.1	7.4	2.4	0.6	0.4	0.0
17.5°	29.6	17.4	8.1	2.6	0.7	0.4	0.0
15°	31.3	18.6	8.8	2.9	0.7	0.4	0.0
12.5°	32.9	19.8	9.4	3.1	0.7	0.4	0.0
10°	34.4	20.8	10.0	3.4	0.7	0.4	0.0
7.5°	35.7	21.7	10.6	3.6	0.7	0.4	0.0
5°	36.8	22.6	11.1	3.8	0.8	0.4	0.0
2.5°	37.8	23.3	11.6	4.0	0.8	0.4	0.0
0°	38.6	23.9	12.0	4.2	0.8	0.4	0.0
-2.5°	39.6	24.7	12.5	4.5	0.9	0.4	0.0
-5°	40.5	25.3	13.0	4.7	1.0	0.4	0.0
-7.5°	41.2	25.8	13.4	5.0	1.1	0.5	0.0
-10°	41.7	26.2	13.8	5.2	1.2	0.5	0.0
-12.5°	41.9	26.4	14.0	5.3	1.4	0.5	0.0
-15°	42.0	26.5	14.2	5.5	1.4	0.5	0.0
-17.5°	41.9	26.5	14.2	5.6	1.5	0.5	0.0
-20°	41.8	26.4	14.2	5.6	1.6	0.6	0.0

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CATALOG NUMBER: GFLD-SA1C-740-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	41.8	26.1	14.1	5.7	1.7	0.6	0.0
-25°	41.6	26.0	13.9	5.7	1.7	0.6	0.0
-27.5°	41.2	25.9	13.6	5.7	1.8	0.6	0.0
-30°	40.6	25.6	13.2	5.6	1.8	0.6	0.0
-32.5°	39.8	25.2	13.0	5.5	1.9	0.6	0.0
-35°	39.0	24.6	12.7	5.3	1.9	0.6	0.0
-37.5°	38.1	23.9	12.4	5.1	1.9	0.6	0.0
-40°	37.0	23.3	11.9	4.9	1.9	0.6	0.0
-42.5°	35.7	22.6	11.5	4.7	1.8	0.6	0.0
-45°	34.2	21.7	11.3	4.5	1.8	0.6	0.0
-47.5°	32.5	20.7	11.0	4.2	1.8	0.5	0.0
-50°	31.0	19.5	10.5	4.2	1.7	0.5	0.0
-52.5°	29.4	18.2	9.9	4.1	1.6	0.5	0.0
-55°	27.5	17.2	9.2	4.0	1.6	0.5	0.0
-57.5°	25.6	16.0	8.5	3.8	1.5	0.5	0.0
-60°	23.5	14.7	7.6	3.6	1.4	0.4	0.0
-62.5°	21.4	13.2	7.1	3.3	1.3	0.4	0.0
-65°	19.2	11.6	6.4	3.0	1.2	0.4	0.0
-67.5°	16.7	10.2	5.8	2.7	1.1	0.3	0.0
-70°	14.1	8.9	5.0	2.3	1.0	0.3	0.0
-72.5°	12.0	7.5	4.2	2.0	0.9	0.3	0.0
-75°	9.8	6.1	3.3	1.8	0.8	0.2	0.0
-77.5°	7.6	4.6	2.7	1.5	0.6	0.2	0.0
-80°	5.2	3.5	2.2	1.2	0.5	0.2	0.0
-82.5°	3.8	2.6	1.7	0.9	0.4	0.1	0.0
-85°	2.6	1.8	1.1	0.6	0.3	0.1	0.0
-87.5°	1.3	0.9	0.6	0.3	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)