

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: P626747 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-740-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626747 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1D-740-U-MWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N28
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

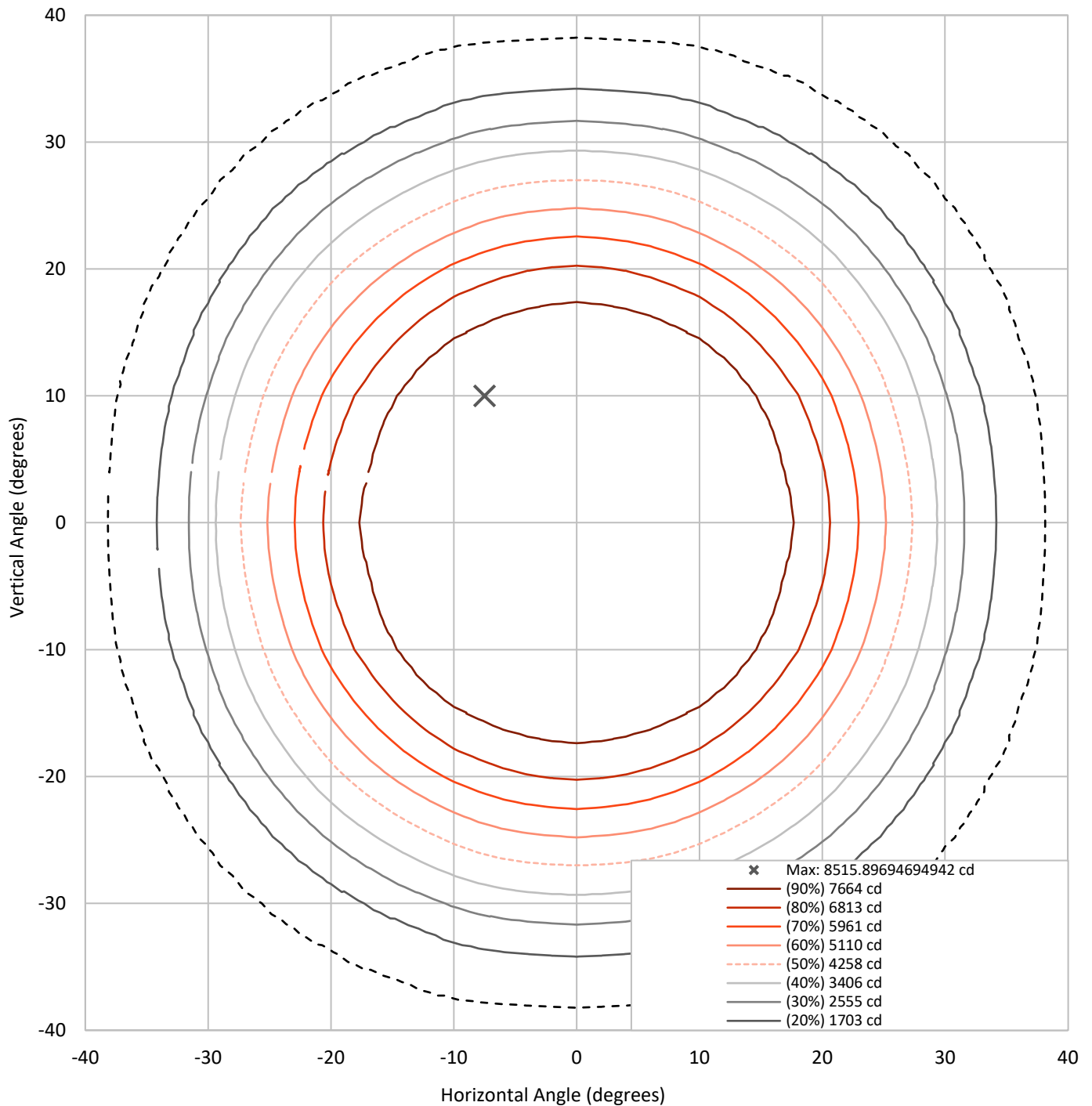
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	7247.8 lumens	Max Intensity:	8515.9 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	126.5 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	4810.7 lumens	Field Lumens:	6255.3 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	57.3		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





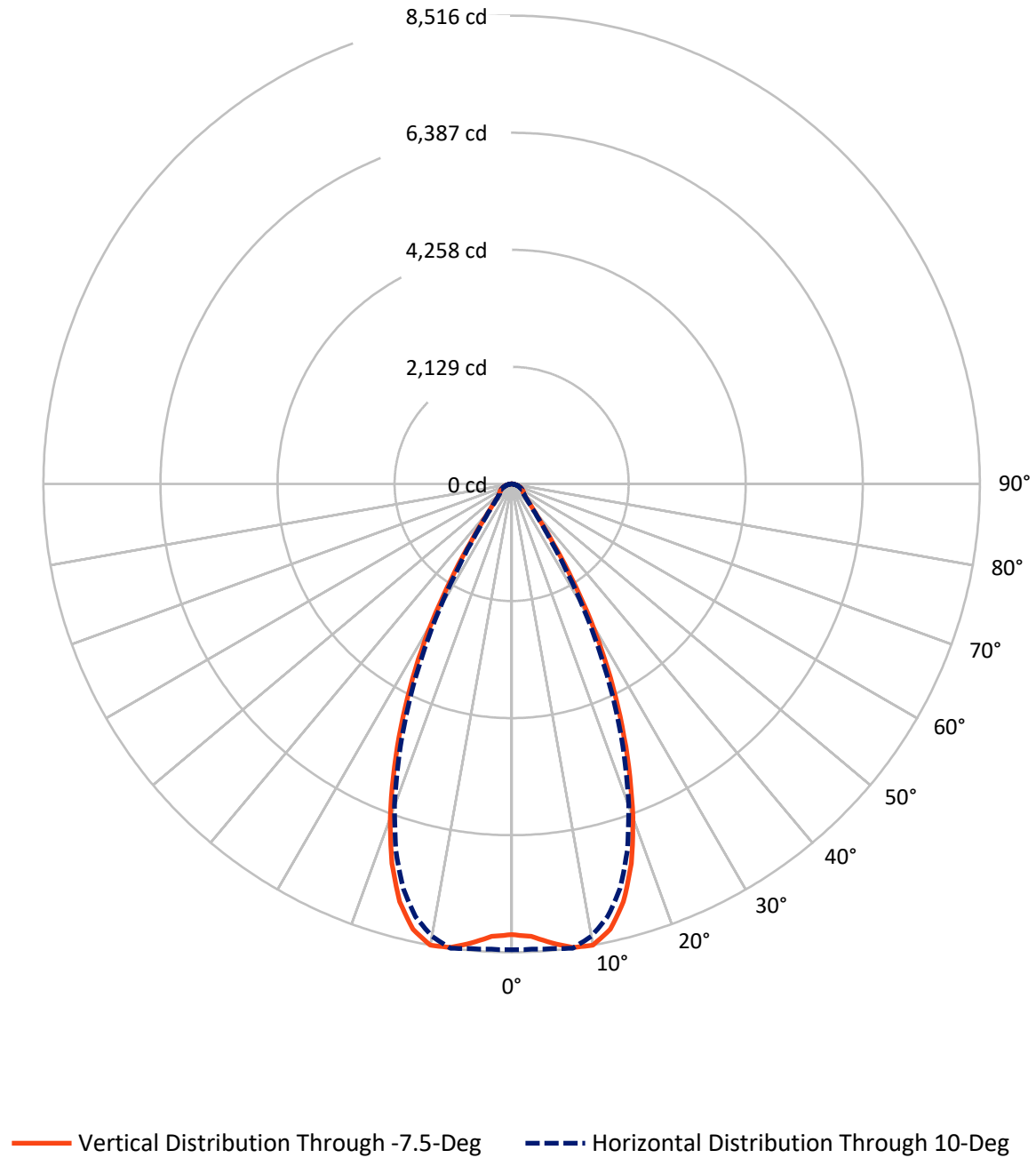
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Lumen Table

90	0.2	1.7	4.5	7.2	8.0	7.2	4.5	1.7	0.2							
80	0.2	1.7	4.5	7.2	8.0	7.2	4.5	1.7	0.2							
70	0.8	0.9	1.8	2.9	4.1	4.9	5.6	5.9	5.9	5.6	4.9	4.1	2.9	1.8	0.9	0.8
60		1.3	2.6	4.2	5.6	6.8	7.6	7.9	7.9	7.6	6.8	5.6	4.2	2.6	1.3	
50	1.4	1.7	3.3	5.1	6.8	8.9	11.1	12.8	12.8	11.1	8.9	6.8	5.1	3.3	1.7	1.4
40		2.0	3.8	5.8	9.0	16.5	31.5	46.7	46.7	31.5	16.5	9.0	5.8	3.8	2.0	
30	1.8	2.2	4.2	6.8	14.8	46.5	104.4	145.8	145.8	104.4	46.5	14.8	6.8	4.2	2.2	1.8
20		2.4	4.4	8.1	26.8	99.2	189.4	237.1	237.1	189.4	99.2	26.8	8.1	4.4	2.4	
10	1.9	2.5	4.5	9.1	38.6	135.7	229.8	250.0	250.0	229.8	135.7	38.6	9.1	4.5	2.5	1.9
0		2.5	4.5	9.1	38.6	135.7	229.8	250.0	250.0	229.8	135.7	38.6	9.1	4.5	2.5	
-10	1.8	2.4	4.4	8.1	26.8	99.2	189.4	237.1	237.1	189.4	99.2	26.8	8.1	4.4	2.4	1.8
-20		2.2	4.2	6.8	14.8	46.5	104.4	145.8	145.8	104.4	46.5	14.8	6.8	4.2	2.2	
-30	1.4	2.0	3.8	5.8	9.0	16.5	31.5	46.7	46.7	31.5	16.5	9.0	5.8	3.8	2.0	1.4
-40		1.7	3.3	5.1	6.8	8.9	11.1	12.8	12.8	11.1	8.9	6.8	5.1	3.3	1.7	
-50	0.8	1.3	2.6	4.2	5.6	6.8	7.6	7.9	7.9	7.6	6.8	5.6	4.2	2.6	1.3	0.8
-60		0.9	1.8	2.9	4.1	4.9	5.6	5.9	5.9	5.6	4.9	4.1	2.9	1.8	0.9	
-70	0.2	1.7	4.5	7.2	8.0	7.2	4.5	1.7	0.2							
-80		0.2	1.7	4.5	7.2	8.0	7.2	4.5	1.7	0.2						
-90	0.2	1.7	4.5	7.2	8.0	7.2	4.5	1.7	0.2							

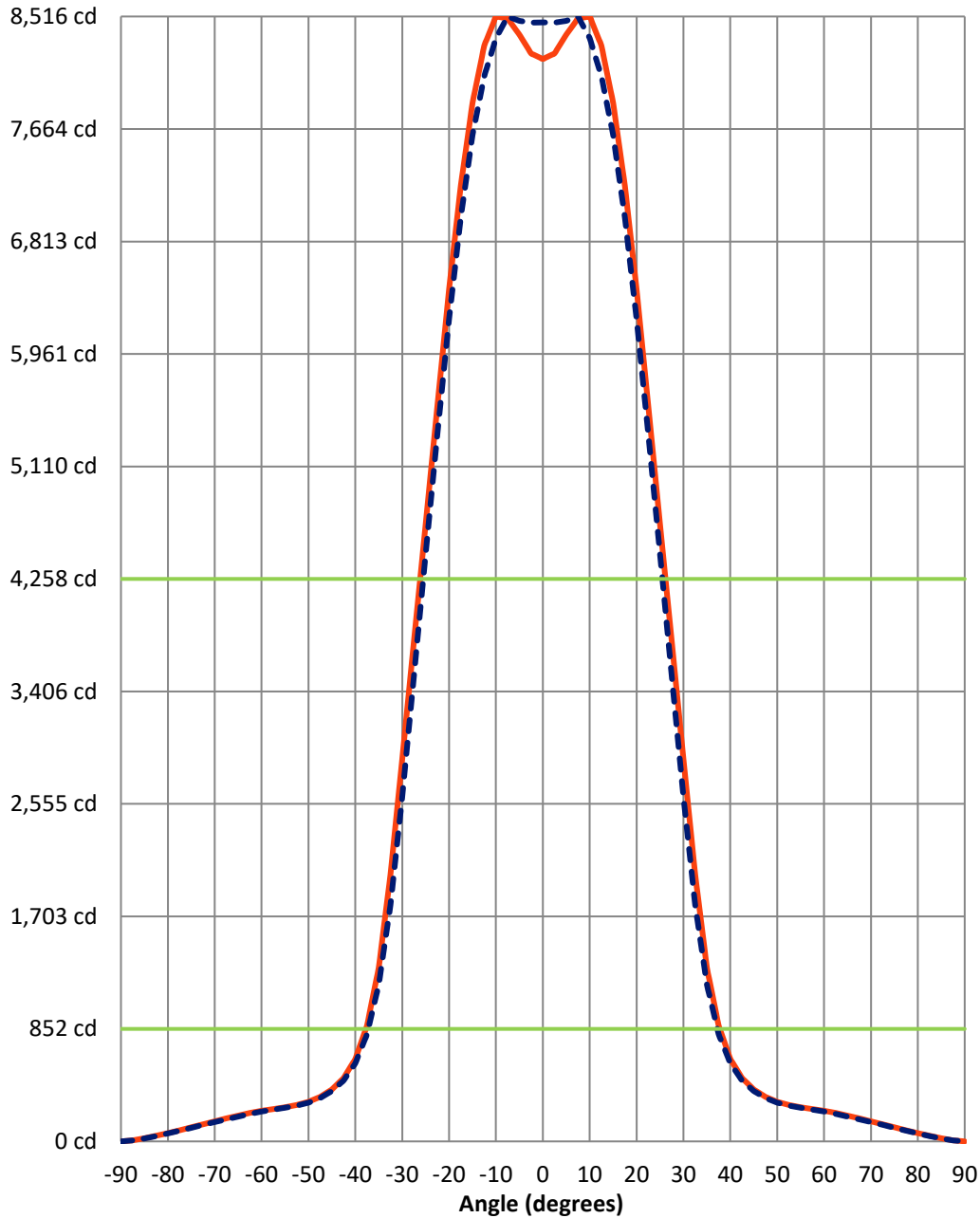
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 4810.7
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 6255.3
 Efficiency: 86.3%

Spill:
 Lumens: 992.6
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.4	2.8	3.3	3.8
85°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.7	5.6	6.5	7.5
82.5°	0.0	1.0	2.0	2.9	3.9	4.9	5.8	7.0	8.5	10.7	12.8
80°	0.0	1.3	2.6	3.9	5.2	6.5	8.0	11.0	13.8	16.5	19.1
77.5°	0.0	1.6	3.2	4.9	6.5	8.7	12.1	15.7	19.1	22.3	25.7
75°	0.0	1.9	3.9	5.8	8.0	12.1	16.2	20.4	24.4	29.1	33.7
72.5°	0.0	2.3	4.5	6.7	10.7	15.5	20.3	25.3	30.8	36.3	41.7
70°	0.0	2.6	5.1	7.9	13.4	18.9	24.4	30.8	37.1	43.4	49.9
67.5°	0.0	2.9	5.7	9.9	16.0	22.2	29.1	36.3	43.4	50.7	58.1
65°	0.0	3.2	6.3	11.8	18.6	25.7	33.6	41.7	49.7	57.8	66.5
62.5°	0.0	3.5	6.9	13.7	21.2	29.3	38.1	47.0	55.8	65.0	75.5
60°	0.0	3.7	7.5	15.6	23.7	32.9	42.4	52.1	61.8	72.8	84.2
57.5°	0.0	4.0	8.7	17.4	26.4	36.4	46.8	57.1	68.2	80.4	92.4
55°	0.0	4.3	9.8	19.2	29.1	39.7	51.0	62.1	74.7	87.6	100.4
52.5°	0.0	4.6	11.0	20.9	31.6	43.0	55.2	67.5	80.9	94.6	108.1
50°	0.0	4.8	12.0	22.6	34.1	46.4	59.2	72.7	86.9	101.3	115.5
47.5°	0.0	5.1	13.1	24.2	36.5	49.7	63.2	77.8	92.6	107.7	122.7
45°	0.0	5.3	14.1	25.9	38.8	52.9	67.3	82.6	98.2	114.0	129.6
42.5°	0.0	5.5	15.0	27.5	40.9	55.9	71.3	87.2	103.4	119.9	136.2
40°	0.0	5.7	15.9	29.0	43.1	58.9	75.0	91.5	108.5	125.6	142.5
37.5°	0.0	5.9	16.7	30.4	45.3	61.7	78.5	95.6	113.3	131.1	148.5
35°	0.0	6.1	17.5	31.7	47.5	64.4	81.8	99.5	118.0	136.2	154.1
32.5°	0.0	6.3	18.2	33.0	49.4	67.0	84.9	103.0	122.4	141.0	159.1
30°	0.0	6.5	18.9	34.1	51.3	69.4	87.7	106.4	126.5	145.4	163.7
27.5°	0.0	6.7	19.5	35.2	53.0	71.6	90.3	109.7	130.3	149.4	168.0
25°	0.0	6.8	20.1	36.1	54.5	73.6	92.7	112.7	133.5	152.9	171.9
22.5°	0.0	6.9	20.6	37.0	55.8	75.4	94.8	115.5	136.5	156.1	175.5
20°	0.0	7.0	21.0	37.7	57.0	76.9	96.7	118.1	139.0	158.9	178.6
17.5°	0.0	7.2	21.4	38.4	58.1	78.2	98.4	120.3	141.3	161.4	181.4
15°	0.0	7.2	21.7	39.0	59.0	79.4	99.9	122.3	143.2	163.5	183.8
12.5°	0.0	7.3	22.0	39.4	59.8	80.3	101.2	124.1	144.9	165.2	185.7
10°	0.0	7.4	22.2	39.8	60.3	81.0	102.3	125.6	146.4	166.9	187.4
7.5°	0.0	7.4	22.3	40.0	60.8	81.6	103.2	126.7	147.5	168.2	188.9
5°	0.0	7.5	22.4	40.2	61.0	81.9	103.8	127.5	148.3	169.1	190.0
2.5°	0.0	7.5	22.4	40.2	61.2	82.1	104.2	128.0	148.8	169.7	190.6
0°	0.0	7.5	22.4	40.2	61.1	82.0	104.3	128.2	149.0	169.9	190.8
-2.5°	0.0	7.5	22.4	40.2	61.2	82.1	104.2	128.0	148.8	169.7	190.6
-5°	0.0	7.5	22.4	40.2	61.0	81.9	103.8	127.5	148.3	169.1	190.0
-7.5°	0.0	7.4	22.3	40.0	60.8	81.6	103.2	126.7	147.5	168.2	188.9
-10°	0.0	7.4	22.2	39.8	60.3	81.0	102.3	125.6	146.4	166.9	187.4
-12.5°	0.0	7.3	22.0	39.4	59.8	80.3	101.2	124.1	144.9	165.2	185.7
-15°	0.0	7.2	21.7	39.0	59.0	79.4	99.9	122.3	143.2	163.5	183.8
-17.5°	0.0	7.2	21.4	38.4	58.1	78.2	98.4	120.3	141.3	161.4	181.4
-20°	0.0	7.0	21.0	37.7	57.0	76.9	96.7	118.1	139.0	158.9	178.6

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REPORT NUMBER: P626747 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.9	20.6	37.0	55.8	75.4	94.8	115.5	136.5	156.1	175.5
-25°	0.0	6.8	20.1	36.1	54.5	73.6	92.7	112.7	133.5	152.9	171.9
-27.5°	0.0	6.7	19.5	35.2	53.0	71.6	90.3	109.7	130.3	149.4	168.0
-30°	0.0	6.5	18.9	34.1	51.3	69.4	87.7	106.4	126.5	145.4	163.7
-32.5°	0.0	6.3	18.2	33.0	49.4	67.0	84.9	103.0	122.4	141.0	159.1
-35°	0.0	6.1	17.5	31.7	47.5	64.4	81.8	99.5	118.0	136.2	154.1
-37.5°	0.0	5.9	16.7	30.4	45.3	61.7	78.5	95.6	113.3	131.1	148.5
-40°	0.0	5.7	15.9	29.0	43.1	58.9	75.0	91.5	108.5	125.6	142.5
-42.5°	0.0	5.5	15.0	27.5	40.9	55.9	71.3	87.2	103.4	119.9	136.2
-45°	0.0	5.3	14.1	25.9	38.8	52.9	67.3	82.6	98.2	114.0	129.6
-47.5°	0.0	5.1	13.1	24.2	36.5	49.7	63.2	77.8	92.6	107.7	122.7
-50°	0.0	4.8	12.0	22.6	34.1	46.4	59.2	72.7	86.9	101.3	115.5
-52.5°	0.0	4.6	11.0	20.9	31.6	43.0	55.2	67.5	80.9	94.6	108.1
-55°	0.0	4.3	9.8	19.2	29.1	39.7	51.0	62.1	74.7	87.6	100.4
-57.5°	0.0	4.0	8.7	17.4	26.4	36.4	46.8	57.1	68.2	80.4	92.4
-60°	0.0	3.7	7.5	15.6	23.7	32.9	42.4	52.1	61.8	72.8	84.2
-62.5°	0.0	3.5	6.9	13.7	21.2	29.3	38.1	47.0	55.8	65.0	75.5
-65°	0.0	3.2	6.3	11.8	18.6	25.7	33.6	41.7	49.7	57.8	66.5
-67.5°	0.0	2.9	5.7	9.9	16.0	22.2	29.1	36.3	43.4	50.7	58.1
-70°	0.0	2.6	5.1	7.9	13.4	18.9	24.4	30.8	37.1	43.4	49.9
-72.5°	0.0	2.3	4.5	6.7	10.7	15.5	20.3	25.3	30.8	36.3	41.7
-75°	0.0	1.9	3.9	5.8	8.0	12.1	16.2	20.4	24.4	29.1	33.7
-77.5°	0.0	1.6	3.2	4.9	6.5	8.7	12.1	15.7	19.1	22.3	25.7
-80°	0.0	1.3	2.6	3.9	5.2	6.5	8.0	11.0	13.8	16.5	19.1
-82.5°	0.0	1.0	2.0	2.9	3.9	4.9	5.8	7.0	8.5	10.7	12.8
-85°	0.0	0.7	1.3	2.0	2.6	3.2	3.9	4.7	5.6	6.5	7.5
-87.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.4	2.8	3.3	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



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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°	4.1	4.4	4.8	5.1	5.4	5.7	6.0	6.3	6.6	6.8	7.1
85°	8.2	8.9	10.1	11.3	12.5	13.6	14.6	15.7	16.7	17.6	18.5
82.5°	14.7	16.7	18.6	20.6	22.4	24.1	25.7	27.4	29.1	30.8	32.5
80°	21.7	24.4	27.5	30.4	32.9	35.4	37.7	40.0	42.5	45.1	47.8
77.5°	29.7	33.6	37.2	40.5	43.8	47.4	50.8	54.1	57.5	60.9	64.2
75°	38.3	42.7	47.3	51.9	56.3	60.6	64.7	69.0	73.3	77.5	81.6
72.5°	47.2	52.8	58.2	63.5	69.0	74.3	79.5	84.4	89.5	94.8	99.8
70°	56.5	62.8	69.5	75.9	82.1	88.3	94.6	100.7	106.6	112.7	118.7
67.5°	65.8	73.7	81.2	88.4	95.7	103.0	110.1	117.4	124.4	131.4	138.2
65°	76.0	84.7	92.9	101.2	109.4	118.0	126.4	134.5	142.6	150.5	157.6
62.5°	86.0	95.3	104.4	113.8	123.6	133.2	142.4	151.7	161.1	169.4	176.6
60°	95.3	105.6	115.8	126.4	137.3	147.7	157.9	168.0	178.2	187.7	193.5
57.5°	104.2	115.6	126.9	138.3	149.8	161.4	172.2	183.3	192.7	200.7	207.5
55°	112.9	125.2	137.3	149.3	161.7	173.8	185.5	196.1	205.3	212.0	218.5
52.5°	121.4	134.3	146.8	159.8	173.0	185.8	198.1	207.9	215.4	222.2	228.4
50°	129.6	142.8	155.9	170.1	183.9	197.5	209.1	217.6	225.3	231.9	238.3
47.5°	137.3	151.0	165.1	179.9	194.5	207.7	218.3	227.2	235.1	242.2	249.8
45°	144.6	159.3	174.2	189.4	204.3	217.1	227.3	236.9	244.3	252.4	261.1
42.5°	151.8	167.2	182.8	198.5	213.6	225.5	235.7	244.6	253.2	262.8	273.3
40°	158.7	174.7	190.9	207.3	222.4	232.9	242.9	252.3	262.8	274.1	286.3
37.5°	165.1	181.7	198.5	215.6	228.8	239.7	249.9	260.3	272.5	285.7	302.2
35°	171.1	188.2	205.6	222.1	234.6	246.1	256.7	268.3	282.6	299.8	321.0
32.5°	176.6	194.2	212.2	227.2	239.9	251.8	262.7	277.2	294.4	314.9	344.8
30°	181.7	199.7	217.8	232.4	244.7	256.7	269.9	286.3	306.3	336.3	374.6
27.5°	186.4	204.8	222.2	236.6	249.0	261.3	276.8	296.7	323.1	358.8	406.4
25°	190.8	209.6	226.4	240.1	252.9	266.6	283.5	305.8	340.5	386.6	451.0
22.5°	194.7	213.9	230.4	243.2	256.6	271.5	291.1	319.1	359.1	412.9	496.0
20°	198.2	217.2	233.4	246.1	260.1	275.5	298.0	331.6	379.9	449.7	555.7
17.5°	201.3	220.1	235.7	248.9	263.4	280.1	304.6	342.6	398.4	481.7	616.0
15°	204.0	222.5	237.6	251.3	266.3	285.3	313.9	356.8	419.9	515.1	668.6
12.5°	206.2	224.5	239.1	253.2	268.7	289.7	321.8	370.3	442.3	556.0	746.0
10°	207.9	226.1	240.3	254.8	270.6	293.2	328.3	381.2	460.8	591.5	812.1
7.5°	209.5	227.3	241.2	255.8	272.0	295.8	333.1	389.7	474.9	619.3	864.5
5°	210.7	228.0	241.6	256.4	273.1	297.5	336.5	395.6	484.7	639.2	901.3
2.5°	211.4	228.2	241.7	256.6	273.9	298.3	338.2	398.8	492.4	648.7	921.0
0°	211.6	228.0	241.4	256.3	274.2	298.1	338.3	399.4	496.3	648.3	924.0
-2.5°	211.4	228.2	241.7	256.6	273.9	298.3	338.2	398.8	492.4	648.7	921.0
-5°	210.7	228.0	241.6	256.4	273.1	297.5	336.5	395.6	484.7	639.2	901.3
-7.5°	209.5	227.3	241.2	255.8	272.0	295.8	333.1	389.7	474.9	619.3	864.5
-10°	207.9	226.1	240.3	254.8	270.6	293.2	328.3	381.2	460.8	591.5	812.1
-12.5°	206.2	224.5	239.1	253.2	268.7	289.7	321.8	370.3	442.3	556.0	746.0
-15°	204.0	222.5	237.6	251.3	266.3	285.3	313.9	356.8	419.9	515.1	668.6
-17.5°	201.3	220.1	235.7	248.9	263.4	280.1	304.6	342.6	398.4	481.7	616.0
-20°	198.2	217.2	233.4	246.1	260.1	275.5	298.0	331.6	379.9	449.7	555.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626747 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	194.7	213.9	230.4	243.2	256.6	271.5	291.1	319.1	359.1	412.9	496.0
-25°	190.8	209.6	226.4	240.1	252.9	266.6	283.5	305.8	340.5	386.6	451.0
-27.5°	186.4	204.8	222.2	236.6	249.0	261.3	276.8	296.7	323.1	358.8	406.4
-30°	181.7	199.7	217.8	232.4	244.7	256.7	269.9	286.3	306.3	336.3	374.6
-32.5°	176.6	194.2	212.2	227.2	239.9	251.8	262.7	277.2	294.4	314.9	344.8
-35°	171.1	188.2	205.6	222.1	234.6	246.1	256.7	268.3	282.6	299.8	321.0
-37.5°	165.1	181.7	198.5	215.6	228.8	239.7	249.9	260.3	272.5	285.7	302.2
-40°	158.7	174.7	190.9	207.3	222.4	232.9	242.9	252.3	262.8	274.1	286.3
-42.5°	151.8	167.2	182.8	198.5	213.6	225.5	235.7	244.6	253.2	262.8	273.3
-45°	144.6	159.3	174.2	189.4	204.3	217.1	227.3	236.9	244.3	252.4	261.1
-47.5°	137.3	151.0	165.1	179.9	194.5	207.7	218.3	227.2	235.1	242.2	249.8
-50°	129.6	142.8	155.9	170.1	183.9	197.5	209.1	217.6	225.3	231.9	238.3
-52.5°	121.4	134.3	146.8	159.8	173.0	185.8	198.1	207.9	215.4	222.2	228.4
-55°	112.9	125.2	137.3	149.3	161.7	173.8	185.5	196.1	205.3	212.0	218.5
-57.5°	104.2	115.6	126.9	138.3	149.8	161.4	172.2	183.3	192.7	200.7	207.5
-60°	95.3	105.6	115.8	126.4	137.3	147.7	157.9	168.0	178.2	187.7	193.5
-62.5°	86.0	95.3	104.4	113.8	123.6	133.2	142.4	151.7	161.1	169.4	176.6
-65°	76.0	84.7	92.9	101.2	109.4	118.0	126.4	134.5	142.6	150.5	157.6
-67.5°	65.8	73.7	81.2	88.4	95.7	103.0	110.1	117.4	124.4	131.4	138.2
-70°	56.5	62.8	69.5	75.9	82.1	88.3	94.6	100.7	106.6	112.7	118.7
-72.5°	47.2	52.8	58.2	63.5	69.0	74.3	79.5	84.4	89.5	94.8	99.8
-75°	38.3	42.7	47.3	51.9	56.3	60.6	64.7	69.0	73.3	77.5	81.6
-77.5°	29.7	33.6	37.2	40.5	43.8	47.4	50.8	54.1	57.5	60.9	64.2
-80°	21.7	24.4	27.5	30.4	32.9	35.4	37.7	40.0	42.5	45.1	47.8
-82.5°	14.7	16.7	18.6	20.6	22.4	24.1	25.7	27.4	29.1	30.8	32.5
-85°	8.2	8.9	10.1	11.3	12.5	13.6	14.6	15.7	16.7	17.6	18.5
-87.5°	4.1	4.4	4.8	5.1	5.4	5.7	6.0	6.3	6.6	6.8	7.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626747 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.3	7.2	7.1	7.0	6.8	7.2	7.7	8.2	8.6	8.3	8.1
85°	19.4	19.8	20.2	20.5	20.8	21.7	22.6	23.4	24.2	24.2	24.1
82.5°	34.1	35.2	36.1	37.0	37.7	38.8	39.8	40.6	41.4	41.9	42.3
80°	50.3	52.1	53.6	55.0	56.2	57.7	59.0	60.2	61.2	61.8	62.1
77.5°	67.4	70.0	72.3	74.5	76.6	78.7	80.6	82.3	83.8	84.1	84.1
75°	85.4	88.9	92.2	95.3	98.1	100.5	102.6	104.3	105.7	106.4	106.8
72.5°	104.5	108.8	112.7	116.2	119.2	121.7	123.8	125.7	127.2	128.2	128.8
70°	124.4	129.5	133.4	136.7	139.3	141.7	144.5	147.2	149.7	151.1	151.6
67.5°	144.3	149.6	153.3	156.2	158.6	161.0	164.5	167.7	170.5	172.4	173.6
65°	163.8	169.4	173.1	175.9	178.1	180.5	184.4	187.5	189.9	191.8	193.5
62.5°	183.1	188.7	192.8	196.2	199.3	202.0	205.2	207.8	209.8	211.7	213.8
60°	199.8	206.5	210.7	214.2	218.1	222.3	224.6	226.6	228.3	229.8	231.1
57.5°	213.5	219.4	224.9	229.0	233.1	237.0	239.7	241.6	243.1	244.2	244.6
55°	224.9	231.0	237.1	241.6	245.6	249.2	252.3	254.7	256.7	258.2	258.6
52.5°	235.1	242.0	248.0	253.2	258.4	262.7	266.1	269.3	272.2	274.5	275.5
50°	246.2	253.4	260.9	267.9	273.4	278.3	282.4	287.0	291.9	295.9	298.4
47.5°	257.9	266.2	275.3	283.8	290.4	297.7	304.4	311.3	320.3	327.9	333.5
45°	270.2	280.8	291.1	302.0	311.1	324.8	337.5	348.4	362.9	376.1	386.6
42.5°	284.6	297.9	310.6	327.9	346.1	364.8	385.0	402.2	424.9	448.0	466.6
40°	301.7	318.7	341.0	364.3	393.0	418.8	453.6	484.7	519.5	563.5	599.9
37.5°	322.4	348.5	379.5	412.0	456.8	499.6	557.2	618.0	673.2	757.8	829.0
35°	349.1	385.6	426.5	484.0	547.4	627.6	717.6	834.9	935.6	1078.3	1214.7
32.5°	383.6	430.6	497.3	586.1	679.8	825.4	968.1	1171.9	1360.5	1586.8	1831.0
30°	422.0	493.5	595.4	717.2	892.0	1106.2	1357.8	1670.7	2013.2	2331.3	2644.6
27.5°	477.7	580.0	713.9	910.6	1182.9	1482.5	1923.3	2348.1	2791.4	3185.4	3514.0
25°	542.7	677.9	884.9	1174.5	1542.8	2055.9	2583.5	3107.9	3584.6	3997.1	4360.1
22.5°	626.5	821.1	1097.1	1472.1	2045.7	2660.7	3279.4	3857.7	4366.2	4825.5	5218.5
20°	717.8	961.2	1355.3	1914.7	2570.6	3271.2	3969.8	4585.9	5145.7	5666.5	6109.5
17.5°	833.4	1174.3	1673.5	2344.5	3102.8	3870.4	4604.3	5272.9	5908.1	6459.1	6922.0
15°	932.0	1362.1	2013.5	2800.4	3620.7	4430.3	5205.2	5931.4	6591.8	7157.2	7592.4
12.5°	1063.4	1572.5	2315.4	3192.3	4081.3	4933.2	5749.4	6499.9	7172.0	7731.2	8069.9
10°	1187.7	1790.3	2607.2	3521.7	4445.2	5352.9	6224.4	6994.1	7618.1	8063.0	8351.6
7.5°	1293.4	1977.5	2844.5	3787.9	4734.4	5683.4	6565.5	7314.5	7889.8	8261.3	8462.3
5°	1372.3	2117.4	3020.6	4004.3	4975.5	5941.1	6816.4	7519.5	8016.8	8292.7	8393.6
2.5°	1422.6	2199.5	3122.9	4146.2	5136.8	6104.2	6988.4	7680.6	8102.4	8285.3	8302.7
0°	1442.7	2210.2	3138.7	4220.6	5177.4	6150.6	7037.4	7746.8	8134.3	8284.8	8281.8
-2.5°	1422.6	2199.5	3122.9	4146.2	5136.8	6104.2	6988.4	7680.6	8102.4	8285.3	8302.7
-5°	1372.3	2117.4	3020.6	4004.3	4975.5	5941.1	6816.4	7519.5	8016.8	8292.7	8393.6
-7.5°	1293.4	1977.5	2844.5	3787.9	4734.4	5683.4	6565.5	7314.5	7889.8	8261.3	8462.3
-10°	1187.7	1790.3	2607.2	3521.7	4445.2	5352.9	6224.4	6994.1	7618.1	8063.0	8351.6
-12.5°	1063.4	1572.5	2315.4	3192.3	4081.3	4933.2	5749.4	6499.9	7172.0	7731.2	8069.9
-15°	932.0	1362.1	2013.5	2800.4	3620.7	4430.3	5205.2	5931.4	6591.8	7157.2	7592.4
-17.5°	833.4	1174.3	1673.5	2344.5	3102.8	3870.4	4604.3	5272.9	5908.1	6459.1	6922.0
-20°	717.8	961.2	1355.3	1914.7	2570.6	3271.2	3969.8	4585.9	5145.7	5666.5	6109.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626747 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	626.5	821.1	1097.1	1472.1	2045.7	2660.7	3279.4	3857.7	4366.2	4825.5	5218.5
-25°	542.7	677.9	884.9	1174.5	1542.8	2055.9	2583.5	3107.9	3584.6	3997.1	4360.1
-27.5°	477.7	580.0	713.9	910.6	1182.9	1482.5	1923.3	2348.1	2791.4	3185.4	3514.0
-30°	422.0	493.5	595.4	717.2	892.0	1106.2	1357.8	1670.7	2013.2	2331.3	2644.6
-32.5°	383.6	430.6	497.3	586.1	679.8	825.4	968.1	1171.9	1360.5	1586.8	1831.0
-35°	349.1	385.6	426.5	484.0	547.4	627.6	717.6	834.9	935.6	1078.3	1214.7
-37.5°	322.4	348.5	379.5	412.0	456.8	499.6	557.2	618.0	673.2	757.8	829.0
-40°	301.7	318.7	341.0	364.3	393.0	418.8	453.6	484.7	519.5	563.5	599.9
-42.5°	284.6	297.9	310.6	327.9	346.1	364.8	385.0	402.2	424.9	448.0	466.6
-45°	270.2	280.8	291.1	302.0	311.1	324.8	337.5	348.4	362.9	376.1	386.6
-47.5°	257.9	266.2	275.3	283.8	290.4	297.7	304.4	311.3	320.3	327.9	333.5
-50°	246.2	253.4	260.9	267.9	273.4	278.3	282.4	287.0	291.9	295.9	298.4
-52.5°	235.1	242.0	248.0	253.2	258.4	262.7	266.1	269.3	272.2	274.5	275.5
-55°	224.9	231.0	237.1	241.6	245.6	249.2	252.3	254.7	256.7	258.2	258.6
-57.5°	213.5	219.4	224.9	229.0	233.1	237.0	239.7	241.6	243.1	244.2	244.6
-60°	199.8	206.5	210.7	214.2	218.1	222.3	224.6	226.6	228.3	229.8	231.1
-62.5°	183.1	188.7	192.8	196.2	199.3	202.0	205.2	207.8	209.8	211.7	213.8
-65°	163.8	169.4	173.1	175.9	178.1	180.5	184.4	187.5	189.9	191.8	193.5
-67.5°	144.3	149.6	153.3	156.2	158.6	161.0	164.5	167.7	170.5	172.4	173.6
-70°	124.4	129.5	133.4	136.7	139.3	141.7	144.5	147.2	149.7	151.1	151.6
-72.5°	104.5	108.8	112.7	116.2	119.2	121.7	123.8	125.7	127.2	128.2	128.8
-75°	85.4	88.9	92.2	95.3	98.1	100.5	102.6	104.3	105.7	106.4	106.8
-77.5°	67.4	70.0	72.3	74.5	76.6	78.7	80.6	82.3	83.8	84.1	84.1
-80°	50.3	52.1	53.6	55.0	56.2	57.7	59.0	60.2	61.2	61.8	62.1
-82.5°	34.1	35.2	36.1	37.0	37.7	38.8	39.8	40.6	41.4	41.9	42.3
-85°	19.4	19.8	20.2	20.5	20.8	21.7	22.6	23.4	24.2	24.2	24.1
-87.5°	7.3	7.2	7.1	7.0	6.8	7.2	7.7	8.2	8.6	8.3	8.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626747 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.8	7.5	7.5	7.5	7.5	7.5	7.8	8.1	8.3	8.6	8.2
85°	23.9	23.7	23.1	22.4	23.1	23.7	23.9	24.1	24.2	24.2	23.4
82.5°	42.7	43.0	42.4	41.7	42.4	43.0	42.7	42.3	41.9	41.4	40.6
80°	62.3	62.3	61.8	61.1	61.8	62.3	62.3	62.1	61.8	61.2	60.2
77.5°	83.7	83.1	83.4	83.5	83.4	83.1	83.7	84.1	84.1	83.8	82.3
75°	106.9	106.8	106.4	105.8	106.4	106.8	106.9	106.8	106.4	105.7	104.3
72.5°	129.1	129.2	128.8	128.2	128.8	129.2	129.1	128.8	128.2	127.2	125.7
70°	151.7	151.4	151.8	152.0	151.8	151.4	151.7	151.6	151.1	149.7	147.2
67.5°	174.5	175.1	175.0	174.4	175.0	175.1	174.5	173.6	172.4	170.5	167.7
65°	194.8	195.9	196.5	196.7	196.5	195.9	194.8	193.5	191.8	189.9	187.5
62.5°	215.5	216.7	216.7	216.1	216.7	216.7	215.5	213.8	211.7	209.8	207.8
60°	231.8	232.0	231.7	231.0	231.7	232.0	231.8	231.1	229.8	228.3	226.6
57.5°	244.6	244.1	243.6	242.9	243.6	244.1	244.6	244.6	244.2	243.1	241.6
55°	258.4	257.6	257.0	256.3	257.0	257.6	258.4	258.6	258.2	256.7	254.7
52.5°	275.7	275.3	274.8	274.2	274.8	275.3	275.7	275.5	274.5	272.2	269.3
50°	299.7	300.1	300.0	299.6	300.0	300.1	299.7	298.4	295.9	291.9	287.0
47.5°	337.1	339.1	340.5	341.3	340.5	339.1	337.1	333.5	327.9	320.3	311.3
45°	393.3	397.2	400.0	402.4	400.0	397.2	393.3	386.6	376.1	362.9	348.4
42.5°	479.8	488.7	492.9	491.8	492.9	488.7	479.8	466.6	448.0	424.9	402.2
40°	624.1	638.5	646.4	652.8	646.4	638.5	624.1	599.9	563.5	519.5	484.7
37.5°	877.6	905.5	920.2	933.0	920.2	905.5	877.6	829.0	757.8	673.2	618.0
35°	1316.6	1379.4	1413.0	1424.8	1413.0	1379.4	1316.6	1214.7	1078.3	935.6	834.9
32.5°	2021.0	2136.9	2200.9	2250.4	2200.9	2136.9	2021.0	1831.0	1586.8	1360.5	1171.9
30°	2892.8	3045.3	3130.1	3171.4	3130.1	3045.3	2892.8	2644.6	2331.3	2013.2	1670.7
27.5°	3786.4	3959.8	4051.2	4046.3	4051.2	3959.8	3786.4	3514.0	3185.4	2791.4	2348.1
25°	4671.4	4872.3	4963.3	5044.8	4963.3	4872.3	4671.4	4360.1	3997.1	3584.6	3107.9
22.5°	5566.5	5801.4	5929.6	5989.7	5929.6	5801.4	5566.5	5218.5	4825.5	4366.2	3857.7
20°	6450.9	6712.4	6848.5	6907.7	6848.5	6712.4	6450.9	6109.5	5666.5	5145.7	4585.9
17.5°	7235.3	7490.6	7620.3	7675.3	7620.3	7490.6	7235.3	6922.0	6459.1	5908.1	5272.9
15°	7861.6	8049.9	8160.2	8189.4	8160.2	8049.9	7861.6	7592.4	7157.2	6591.8	5931.4
12.5°	8294.6	8367.5	8420.6	8436.8	8420.6	8367.5	8294.6	8069.9	7731.2	7172.0	6499.9
10°	8515.9	8483.0	8469.4	8471.1	8469.4	8483.0	8515.9	8351.6	8063.0	7618.1	6994.1
7.5°	8500.7	8451.9	8354.0	8338.5	8354.0	8451.9	8500.7	8462.3	8261.3	7889.8	7314.5
5°	8378.5	8289.8	8127.4	8080.6	8127.4	8289.8	8378.5	8393.6	8292.7	8016.8	7519.5
2.5°	8236.2	8076.2	7926.6	7830.3	7926.6	8076.2	8236.2	8302.7	8285.3	8102.4	7680.6
0°	8193.9	8009.1	7815.4	7752.8	7815.4	8009.1	8193.9	8281.8	8284.8	8134.3	7746.8
-2.5°	8236.2	8076.2	7926.6	7830.3	7926.6	8076.2	8236.2	8302.7	8285.3	8102.4	7680.6
-5°	8378.5	8289.8	8127.4	8080.6	8127.4	8289.8	8378.5	8393.6	8292.7	8016.8	7519.5
-7.5°	8500.7	8451.9	8354.0	8338.5	8354.0	8451.9	8500.7	8462.3	8261.3	7889.8	7314.5
-10°	8515.9	8483.0	8469.4	8471.1	8469.4	8483.0	8515.9	8351.6	8063.0	7618.1	6994.1
-12.5°	8294.6	8367.5	8420.6	8436.8	8420.6	8367.5	8294.6	8069.9	7731.2	7172.0	6499.9
-15°	7861.6	8049.9	8160.2	8189.4	8160.2	8049.9	7861.6	7592.4	7157.2	6591.8	5931.4
-17.5°	7235.3	7490.6	7620.3	7675.3	7620.3	7490.6	7235.3	6922.0	6459.1	5908.1	5272.9
-20°	6450.9	6712.4	6848.5	6907.7	6848.5	6712.4	6450.9	6109.5	5666.5	5145.7	4585.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626747 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5566.5	5801.4	5929.6	5989.7	5929.6	5801.4	5566.5	5218.5	4825.5	4366.2	3857.7
-25°	4671.4	4872.3	4963.3	5044.8	4963.3	4872.3	4671.4	4360.1	3997.1	3584.6	3107.9
-27.5°	3786.4	3959.8	4051.2	4046.3	4051.2	3959.8	3786.4	3514.0	3185.4	2791.4	2348.1
-30°	2892.8	3045.3	3130.1	3171.4	3130.1	3045.3	2892.8	2644.6	2331.3	2013.2	1670.7
-32.5°	2021.0	2136.9	2200.9	2250.4	2200.9	2136.9	2021.0	1831.0	1586.8	1360.5	1171.9
-35°	1316.6	1379.4	1413.0	1424.8	1413.0	1379.4	1316.6	1214.7	1078.3	935.6	834.9
-37.5°	877.6	905.5	920.2	933.0	920.2	905.5	877.6	829.0	757.8	673.2	618.0
-40°	624.1	638.5	646.4	652.8	646.4	638.5	624.1	599.9	563.5	519.5	484.7
-42.5°	479.8	488.7	492.9	491.8	492.9	488.7	479.8	466.6	448.0	424.9	402.2
-45°	393.3	397.2	400.0	402.4	400.0	397.2	393.3	386.6	376.1	362.9	348.4
-47.5°	337.1	339.1	340.5	341.3	340.5	339.1	337.1	333.5	327.9	320.3	311.3
-50°	299.7	300.1	300.0	299.6	300.0	300.1	299.7	298.4	295.9	291.9	287.0
-52.5°	275.7	275.3	274.8	274.2	274.8	275.3	275.7	275.5	274.5	272.2	269.3
-55°	258.4	257.6	257.0	256.3	257.0	257.6	258.4	258.6	258.2	256.7	254.7
-57.5°	244.6	244.1	243.6	242.9	243.6	244.1	244.6	244.6	244.2	243.1	241.6
-60°	231.8	232.0	231.7	231.0	231.7	232.0	231.8	231.1	229.8	228.3	226.6
-62.5°	215.5	216.7	216.7	216.1	216.7	216.7	215.5	213.8	211.7	209.8	207.8
-65°	194.8	195.9	196.5	196.7	196.5	195.9	194.8	193.5	191.8	189.9	187.5
-67.5°	174.5	175.1	175.0	174.4	175.0	175.1	174.5	173.6	172.4	170.5	167.7
-70°	151.7	151.4	151.8	152.0	151.8	151.4	151.7	151.6	151.1	149.7	147.2
-72.5°	129.1	129.2	128.8	128.2	128.8	129.2	129.1	128.8	128.2	127.2	125.7
-75°	106.9	106.8	106.4	105.8	106.4	106.8	106.9	106.8	106.4	105.7	104.3
-77.5°	83.7	83.1	83.4	83.5	83.4	83.1	83.7	84.1	84.1	83.8	82.3
-80°	62.3	62.3	61.8	61.1	61.8	62.3	62.3	62.1	61.8	61.2	60.2
-82.5°	42.7	43.0	42.4	41.7	42.4	43.0	42.7	42.3	41.9	41.4	40.6
-85°	23.9	23.7	23.1	22.4	23.1	23.7	23.9	24.1	24.2	24.2	23.4
-87.5°	7.8	7.5	7.5	7.5	7.5	7.5	7.8	8.1	8.3	8.6	8.2
-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: P626747 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.7	7.2	6.8	7.0	7.1	7.2	7.3	7.1	6.8	6.6	6.3
85°	22.6	21.7	20.8	20.5	20.2	19.8	19.4	18.5	17.6	16.7	15.7
82.5°	39.8	38.8	37.7	37.0	36.1	35.2	34.1	32.5	30.8	29.1	27.4
80°	59.0	57.7	56.2	55.0	53.6	52.1	50.3	47.8	45.1	42.5	40.0
77.5°	80.6	78.7	76.6	74.5	72.3	70.0	67.4	64.2	60.9	57.5	54.1
75°	102.6	100.5	98.1	95.3	92.2	88.9	85.4	81.6	77.5	73.3	69.0
72.5°	123.8	121.7	119.2	116.2	112.7	108.8	104.5	99.8	94.8	89.5	84.4
70°	144.5	141.7	139.3	136.7	133.4	129.5	124.4	118.7	112.7	106.6	100.7
67.5°	164.5	161.0	158.6	156.2	153.3	149.6	144.3	138.2	131.4	124.4	117.4
65°	184.4	180.5	178.1	175.9	173.1	169.4	163.8	157.6	150.5	142.6	134.5
62.5°	205.2	202.0	199.3	196.2	192.8	188.7	183.1	176.6	169.4	161.1	151.7
60°	224.6	222.3	218.1	214.2	210.7	206.5	199.8	193.5	187.7	178.2	168.0
57.5°	239.7	237.0	233.1	229.0	224.9	219.4	213.5	207.5	200.7	192.7	183.3
55°	252.3	249.2	245.6	241.6	237.1	231.0	224.9	218.5	212.0	205.3	196.1
52.5°	266.1	262.7	258.4	253.2	248.0	242.0	235.1	228.4	222.2	215.4	207.9
50°	282.4	278.3	273.4	267.9	260.9	253.4	246.2	238.3	231.9	225.3	217.6
47.5°	304.4	297.7	290.4	283.8	275.3	266.2	257.9	249.8	242.2	235.1	227.2
45°	337.5	324.8	311.1	302.0	291.1	280.8	270.2	261.1	252.4	244.3	236.9
42.5°	385.0	364.8	346.1	327.9	310.6	297.9	284.6	273.3	262.8	253.2	244.6
40°	453.6	418.8	393.0	364.3	341.0	318.7	301.7	286.3	274.1	262.8	252.3
37.5°	557.2	499.6	456.8	412.0	379.5	348.5	322.4	302.2	285.7	272.5	260.3
35°	717.6	627.6	547.4	484.0	426.5	385.6	349.1	321.0	299.8	282.6	268.3
32.5°	968.1	825.4	679.8	586.1	497.3	430.6	383.6	344.8	314.9	294.4	277.2
30°	1357.8	1106.2	892.0	717.2	595.4	493.5	422.0	374.6	336.3	306.3	286.3
27.5°	1923.3	1482.5	1182.9	910.6	713.9	580.0	477.7	406.4	358.8	323.1	296.7
25°	2583.5	2055.9	1542.8	1174.5	884.9	677.9	542.7	451.0	386.6	340.5	305.8
22.5°	3279.4	2660.7	2045.7	1472.1	1097.1	821.1	626.5	496.0	412.9	359.1	319.1
20°	3969.8	3271.2	2570.6	1914.7	1355.3	961.2	717.8	555.7	449.7	379.9	331.6
17.5°	4604.3	3870.4	3102.8	2344.5	1673.5	1174.3	833.4	616.0	481.7	398.4	342.6
15°	5205.2	4430.3	3620.7	2800.4	2013.5	1362.1	932.0	668.6	515.1	419.9	356.8
12.5°	5749.4	4933.2	4081.3	3192.3	2315.4	1572.5	1063.4	746.0	556.0	442.3	370.3
10°	6224.4	5352.9	4445.2	3521.7	2607.2	1790.3	1187.7	812.1	591.5	460.8	381.2
7.5°	6565.5	5683.4	4734.4	3787.9	2844.5	1977.5	1293.4	864.5	619.3	474.9	389.7
5°	6816.4	5941.1	4975.5	4004.3	3020.6	2117.4	1372.3	901.3	639.2	484.7	395.6
2.5°	6988.4	6104.2	5136.8	4146.2	3122.9	2199.5	1422.6	921.0	648.7	492.4	398.8
0°	7037.4	6150.6	5177.4	4220.6	3138.7	2210.2	1442.7	924.0	648.3	496.3	399.4
-2.5°	6988.4	6104.2	5136.8	4146.2	3122.9	2199.5	1422.6	921.0	648.7	492.4	398.8
-5°	6816.4	5941.1	4975.5	4004.3	3020.6	2117.4	1372.3	901.3	639.2	484.7	395.6
-7.5°	6565.5	5683.4	4734.4	3787.9	2844.5	1977.5	1293.4	864.5	619.3	474.9	389.7
-10°	6224.4	5352.9	4445.2	3521.7	2607.2	1790.3	1187.7	812.1	591.5	460.8	381.2
-12.5°	5749.4	4933.2	4081.3	3192.3	2315.4	1572.5	1063.4	746.0	556.0	442.3	370.3
-15°	5205.2	4430.3	3620.7	2800.4	2013.5	1362.1	932.0	668.6	515.1	419.9	356.8
-17.5°	4604.3	3870.4	3102.8	2344.5	1673.5	1174.3	833.4	616.0	481.7	398.4	342.6
-20°	3969.8	3271.2	2570.6	1914.7	1355.3	961.2	717.8	555.7	449.7	379.9	331.6



REPORT NUMBER: P626747 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3279.4	2660.7	2045.7	1472.1	1097.1	821.1	626.5	496.0	412.9	359.1	319.1
-25°	2583.5	2055.9	1542.8	1174.5	884.9	677.9	542.7	451.0	386.6	340.5	305.8
-27.5°	1923.3	1482.5	1182.9	910.6	713.9	580.0	477.7	406.4	358.8	323.1	296.7
-30°	1357.8	1106.2	892.0	717.2	595.4	493.5	422.0	374.6	336.3	306.3	286.3
-32.5°	968.1	825.4	679.8	586.1	497.3	430.6	383.6	344.8	314.9	294.4	277.2
-35°	717.6	627.6	547.4	484.0	426.5	385.6	349.1	321.0	299.8	282.6	268.3
-37.5°	557.2	499.6	456.8	412.0	379.5	348.5	322.4	302.2	285.7	272.5	260.3
-40°	453.6	418.8	393.0	364.3	341.0	318.7	301.7	286.3	274.1	262.8	252.3
-42.5°	385.0	364.8	346.1	327.9	310.6	297.9	284.6	273.3	262.8	253.2	244.6
-45°	337.5	324.8	311.1	302.0	291.1	280.8	270.2	261.1	252.4	244.3	236.9
-47.5°	304.4	297.7	290.4	283.8	275.3	266.2	257.9	249.8	242.2	235.1	227.2
-50°	282.4	278.3	273.4	267.9	260.9	253.4	246.2	238.3	231.9	225.3	217.6
-52.5°	266.1	262.7	258.4	253.2	248.0	242.0	235.1	228.4	222.2	215.4	207.9
-55°	252.3	249.2	245.6	241.6	237.1	231.0	224.9	218.5	212.0	205.3	196.1
-57.5°	239.7	237.0	233.1	229.0	224.9	219.4	213.5	207.5	200.7	192.7	183.3
-60°	224.6	222.3	218.1	214.2	210.7	206.5	199.8	193.5	187.7	178.2	168.0
-62.5°	205.2	202.0	199.3	196.2	192.8	188.7	183.1	176.6	169.4	161.1	151.7
-65°	184.4	180.5	178.1	175.9	173.1	169.4	163.8	157.6	150.5	142.6	134.5
-67.5°	164.5	161.0	158.6	156.2	153.3	149.6	144.3	138.2	131.4	124.4	117.4
-70°	144.5	141.7	139.3	136.7	133.4	129.5	124.4	118.7	112.7	106.6	100.7
-72.5°	123.8	121.7	119.2	116.2	112.7	108.8	104.5	99.8	94.8	89.5	84.4
-75°	102.6	100.5	98.1	95.3	92.2	88.9	85.4	81.6	77.5	73.3	69.0
-77.5°	80.6	78.7	76.6	74.5	72.3	70.0	67.4	64.2	60.9	57.5	54.1
-80°	59.0	57.7	56.2	55.0	53.6	52.1	50.3	47.8	45.1	42.5	40.0
-82.5°	39.8	38.8	37.7	37.0	36.1	35.2	34.1	32.5	30.8	29.1	27.4
-85°	22.6	21.7	20.8	20.5	20.2	19.8	19.4	18.5	17.6	16.7	15.7
-87.5°	7.7	7.2	6.8	7.0	7.1	7.2	7.3	7.1	6.8	6.6	6.3
-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: P626747 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.0	5.7	5.4	5.1	4.8	4.4	4.1	3.8	3.3	2.8	2.4
85°	14.6	13.6	12.5	11.3	10.1	8.9	8.2	7.5	6.5	5.6	4.7
82.5°	25.7	24.1	22.4	20.6	18.6	16.7	14.7	12.8	10.7	8.5	7.0
80°	37.7	35.4	32.9	30.4	27.5	24.4	21.7	19.1	16.5	13.8	11.0
77.5°	50.8	47.4	43.8	40.5	37.2	33.6	29.7	25.7	22.3	19.1	15.7
75°	64.7	60.6	56.3	51.9	47.3	42.7	38.3	33.7	29.1	24.4	20.4
72.5°	79.5	74.3	69.0	63.5	58.2	52.8	47.2	41.7	36.3	30.8	25.3
70°	94.6	88.3	82.1	75.9	69.5	62.8	56.5	49.9	43.4	37.1	30.8
67.5°	110.1	103.0	95.7	88.4	81.2	73.7	65.8	58.1	50.7	43.4	36.3
65°	126.4	118.0	109.4	101.2	92.9	84.7	76.0	66.5	57.8	49.7	41.7
62.5°	142.4	133.2	123.6	113.8	104.4	95.3	86.0	75.5	65.0	55.8	47.0
60°	157.9	147.7	137.3	126.4	115.8	105.6	95.3	84.2	72.8	61.8	52.1
57.5°	172.2	161.4	149.8	138.3	126.9	115.6	104.2	92.4	80.4	68.2	57.1
55°	185.5	173.8	161.7	149.3	137.3	125.2	112.9	100.4	87.6	74.7	62.1
52.5°	198.1	185.8	173.0	159.8	146.8	134.3	121.4	108.1	94.6	80.9	67.5
50°	209.1	197.5	183.9	170.1	155.9	142.8	129.6	115.5	101.3	86.9	72.7
47.5°	218.3	207.7	194.5	179.9	165.1	151.0	137.3	122.7	107.7	92.6	77.8
45°	227.3	217.1	204.3	189.4	174.2	159.3	144.6	129.6	114.0	98.2	82.6
42.5°	235.7	225.5	213.6	198.5	182.8	167.2	151.8	136.2	119.9	103.4	87.2
40°	242.9	232.9	222.4	207.3	190.9	174.7	158.7	142.5	125.6	108.5	91.5
37.5°	249.9	239.7	228.8	215.6	198.5	181.7	165.1	148.5	131.1	113.3	95.6
35°	256.7	246.1	234.6	222.1	205.6	188.2	171.1	154.1	136.2	118.0	99.5
32.5°	262.7	251.8	239.9	227.2	212.2	194.2	176.6	159.1	141.0	122.4	103.0
30°	269.9	256.7	244.7	232.4	217.8	199.7	181.7	163.7	145.4	126.5	106.4
27.5°	276.8	261.3	249.0	236.6	222.2	204.8	186.4	168.0	149.4	130.3	109.7
25°	283.5	266.6	252.9	240.1	226.4	209.6	190.8	171.9	152.9	133.5	112.7
22.5°	291.1	271.5	256.6	243.2	230.4	213.9	194.7	175.5	156.1	136.5	115.5
20°	298.0	275.5	260.1	246.1	233.4	217.2	198.2	178.6	158.9	139.0	118.1
17.5°	304.6	280.1	263.4	248.9	235.7	220.1	201.3	181.4	161.4	141.3	120.3
15°	313.9	285.3	266.3	251.3	237.6	222.5	204.0	183.8	163.5	143.2	122.3
12.5°	321.8	289.7	268.7	253.2	239.1	224.5	206.2	185.7	165.2	144.9	124.1
10°	328.3	293.2	270.6	254.8	240.3	226.1	207.9	187.4	166.9	146.4	125.6
7.5°	333.1	295.8	272.0	255.8	241.2	227.3	209.5	188.9	168.2	147.5	126.7
5°	336.5	297.5	273.1	256.4	241.6	228.0	210.7	190.0	169.1	148.3	127.5
2.5°	338.2	298.3	273.9	256.6	241.7	228.2	211.4	190.6	169.7	148.8	128.0
0°	338.3	298.1	274.2	256.3	241.4	228.0	211.6	190.8	169.9	149.0	128.2
-2.5°	338.2	298.3	273.9	256.6	241.7	228.2	211.4	190.6	169.7	148.8	128.0
-5°	336.5	297.5	273.1	256.4	241.6	228.0	210.7	190.0	169.1	148.3	127.5
-7.5°	333.1	295.8	272.0	255.8	241.2	227.3	209.5	188.9	168.2	147.5	126.7
-10°	328.3	293.2	270.6	254.8	240.3	226.1	207.9	187.4	166.9	146.4	125.6
-12.5°	321.8	289.7	268.7	253.2	239.1	224.5	206.2	185.7	165.2	144.9	124.1
-15°	313.9	285.3	266.3	251.3	237.6	222.5	204.0	183.8	163.5	143.2	122.3
-17.5°	304.6	280.1	263.4	248.9	235.7	220.1	201.3	181.4	161.4	141.3	120.3
-20°	298.0	275.5	260.1	246.1	233.4	217.2	198.2	178.6	158.9	139.0	118.1

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626747 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	291.1	271.5	256.6	243.2	230.4	213.9	194.7	175.5	156.1	136.5	115.5
-25°	283.5	266.6	252.9	240.1	226.4	209.6	190.8	171.9	152.9	133.5	112.7
-27.5°	276.8	261.3	249.0	236.6	222.2	204.8	186.4	168.0	149.4	130.3	109.7
-30°	269.9	256.7	244.7	232.4	217.8	199.7	181.7	163.7	145.4	126.5	106.4
-32.5°	262.7	251.8	239.9	227.2	212.2	194.2	176.6	159.1	141.0	122.4	103.0
-35°	256.7	246.1	234.6	222.1	205.6	188.2	171.1	154.1	136.2	118.0	99.5
-37.5°	249.9	239.7	228.8	215.6	198.5	181.7	165.1	148.5	131.1	113.3	95.6
-40°	242.9	232.9	222.4	207.3	190.9	174.7	158.7	142.5	125.6	108.5	91.5
-42.5°	235.7	225.5	213.6	198.5	182.8	167.2	151.8	136.2	119.9	103.4	87.2
-45°	227.3	217.1	204.3	189.4	174.2	159.3	144.6	129.6	114.0	98.2	82.6
-47.5°	218.3	207.7	194.5	179.9	165.1	151.0	137.3	122.7	107.7	92.6	77.8
-50°	209.1	197.5	183.9	170.1	155.9	142.8	129.6	115.5	101.3	86.9	72.7
-52.5°	198.1	185.8	173.0	159.8	146.8	134.3	121.4	108.1	94.6	80.9	67.5
-55°	185.5	173.8	161.7	149.3	137.3	125.2	112.9	100.4	87.6	74.7	62.1
-57.5°	172.2	161.4	149.8	138.3	126.9	115.6	104.2	92.4	80.4	68.2	57.1
-60°	157.9	147.7	137.3	126.4	115.8	105.6	95.3	84.2	72.8	61.8	52.1
-62.5°	142.4	133.2	123.6	113.8	104.4	95.3	86.0	75.5	65.0	55.8	47.0
-65°	126.4	118.0	109.4	101.2	92.9	84.7	76.0	66.5	57.8	49.7	41.7
-67.5°	110.1	103.0	95.7	88.4	81.2	73.7	65.8	58.1	50.7	43.4	36.3
-70°	94.6	88.3	82.1	75.9	69.5	62.8	56.5	49.9	43.4	37.1	30.8
-72.5°	79.5	74.3	69.0	63.5	58.2	52.8	47.2	41.7	36.3	30.8	25.3
-75°	64.7	60.6	56.3	51.9	47.3	42.7	38.3	33.7	29.1	24.4	20.4
-77.5°	50.8	47.4	43.8	40.5	37.2	33.6	29.7	25.7	22.3	19.1	15.7
-80°	37.7	35.4	32.9	30.4	27.5	24.4	21.7	19.1	16.5	13.8	11.0
-82.5°	25.7	24.1	22.4	20.6	18.6	16.7	14.7	12.8	10.7	8.5	7.0
-85°	14.6	13.6	12.5	11.3	10.1	8.9	8.2	7.5	6.5	5.6	4.7
-87.5°	6.0	5.7	5.4	5.1	4.8	4.4	4.1	3.8	3.3	2.8	2.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P626747 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
85°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
82.5°	5.8	4.9	3.9	2.9	2.0	1.0	0.0
80°	8.0	6.5	5.2	3.9	2.6	1.3	0.0
77.5°	12.1	8.7	6.5	4.9	3.2	1.6	0.0
75°	16.2	12.1	8.0	5.8	3.9	1.9	0.0
72.5°	20.3	15.5	10.7	6.7	4.5	2.3	0.0
70°	24.4	18.9	13.4	7.9	5.1	2.6	0.0
67.5°	29.1	22.2	16.0	9.9	5.7	2.9	0.0
65°	33.6	25.7	18.6	11.8	6.3	3.2	0.0
62.5°	38.1	29.3	21.2	13.7	6.9	3.5	0.0
60°	42.4	32.9	23.7	15.6	7.5	3.7	0.0
57.5°	46.8	36.4	26.4	17.4	8.7	4.0	0.0
55°	51.0	39.7	29.1	19.2	9.8	4.3	0.0
52.5°	55.2	43.0	31.6	20.9	11.0	4.6	0.0
50°	59.2	46.4	34.1	22.6	12.0	4.8	0.0
47.5°	63.2	49.7	36.5	24.2	13.1	5.1	0.0
45°	67.3	52.9	38.8	25.9	14.1	5.3	0.0
42.5°	71.3	55.9	40.9	27.5	15.0	5.5	0.0
40°	75.0	58.9	43.1	29.0	15.9	5.7	0.0
37.5°	78.5	61.7	45.3	30.4	16.7	5.9	0.0
35°	81.8	64.4	47.5	31.7	17.5	6.1	0.0
32.5°	84.9	67.0	49.4	33.0	18.2	6.3	0.0
30°	87.7	69.4	51.3	34.1	18.9	6.5	0.0
27.5°	90.3	71.6	53.0	35.2	19.5	6.7	0.0
25°	92.7	73.6	54.5	36.1	20.1	6.8	0.0
22.5°	94.8	75.4	55.8	37.0	20.6	6.9	0.0
20°	96.7	76.9	57.0	37.7	21.0	7.0	0.0
17.5°	98.4	78.2	58.1	38.4	21.4	7.2	0.0
15°	99.9	79.4	59.0	39.0	21.7	7.2	0.0
12.5°	101.2	80.3	59.8	39.4	22.0	7.3	0.0
10°	102.3	81.0	60.3	39.8	22.2	7.4	0.0
7.5°	103.2	81.6	60.8	40.0	22.3	7.4	0.0
5°	103.8	81.9	61.0	40.2	22.4	7.5	0.0
2.5°	104.2	82.1	61.2	40.2	22.4	7.5	0.0
0°	104.3	82.0	61.1	40.2	22.4	7.5	0.0
-2.5°	104.2	82.1	61.2	40.2	22.4	7.5	0.0
-5°	103.8	81.9	61.0	40.2	22.4	7.5	0.0
-7.5°	103.2	81.6	60.8	40.0	22.3	7.4	0.0
-10°	102.3	81.0	60.3	39.8	22.2	7.4	0.0
-12.5°	101.2	80.3	59.8	39.4	22.0	7.3	0.0
-15°	99.9	79.4	59.0	39.0	21.7	7.2	0.0
-17.5°	98.4	78.2	58.1	38.4	21.4	7.2	0.0
-20°	96.7	76.9	57.0	37.7	21.0	7.0	0.0

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CATALOG NUMBER: GFLD-SA1D-740-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	94.8	75.4	55.8	37.0	20.6	6.9	0.0
-25°	92.7	73.6	54.5	36.1	20.1	6.8	0.0
-27.5°	90.3	71.6	53.0	35.2	19.5	6.7	0.0
-30°	87.7	69.4	51.3	34.1	18.9	6.5	0.0
-32.5°	84.9	67.0	49.4	33.0	18.2	6.3	0.0
-35°	81.8	64.4	47.5	31.7	17.5	6.1	0.0
-37.5°	78.5	61.7	45.3	30.4	16.7	5.9	0.0
-40°	75.0	58.9	43.1	29.0	15.9	5.7	0.0
-42.5°	71.3	55.9	40.9	27.5	15.0	5.5	0.0
-45°	67.3	52.9	38.8	25.9	14.1	5.3	0.0
-47.5°	63.2	49.7	36.5	24.2	13.1	5.1	0.0
-50°	59.2	46.4	34.1	22.6	12.0	4.8	0.0
-52.5°	55.2	43.0	31.6	20.9	11.0	4.6	0.0
-55°	51.0	39.7	29.1	19.2	9.8	4.3	0.0
-57.5°	46.8	36.4	26.4	17.4	8.7	4.0	0.0
-60°	42.4	32.9	23.7	15.6	7.5	3.7	0.0
-62.5°	38.1	29.3	21.2	13.7	6.9	3.5	0.0
-65°	33.6	25.7	18.6	11.8	6.3	3.2	0.0
-67.5°	29.1	22.2	16.0	9.9	5.7	2.9	0.0
-70°	24.4	18.9	13.4	7.9	5.1	2.6	0.0
-72.5°	20.3	15.5	10.7	6.7	4.5	2.3	0.0
-75°	16.2	12.1	8.0	5.8	3.9	1.9	0.0
-77.5°	12.1	8.7	6.5	4.9	3.2	1.6	0.0
-80°	8.0	6.5	5.2	3.9	2.6	1.3	0.0
-82.5°	5.8	4.9	3.9	2.9	2.0	1.0	0.0
-85°	3.9	3.2	2.6	2.0	1.3	0.7	0.0
-87.5°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)