

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: P627215 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-735-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627215 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3D-735-U-MR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N72
Light Source: (48) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

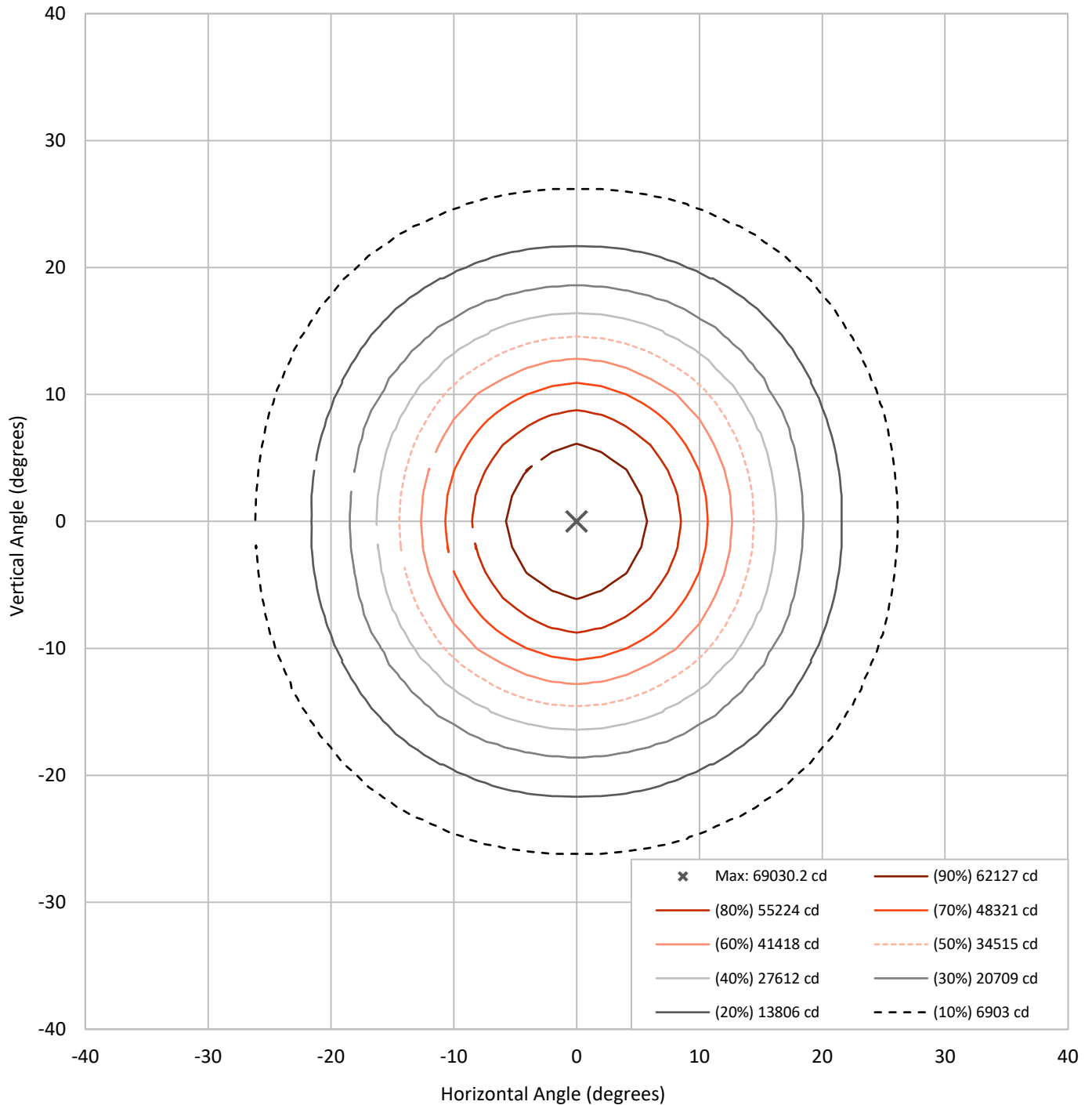
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	21567.4 lumens	Max Intensity:	69030.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	134.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	10485.8 lumens	Field Lumens:	17695.7 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	160.2		
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





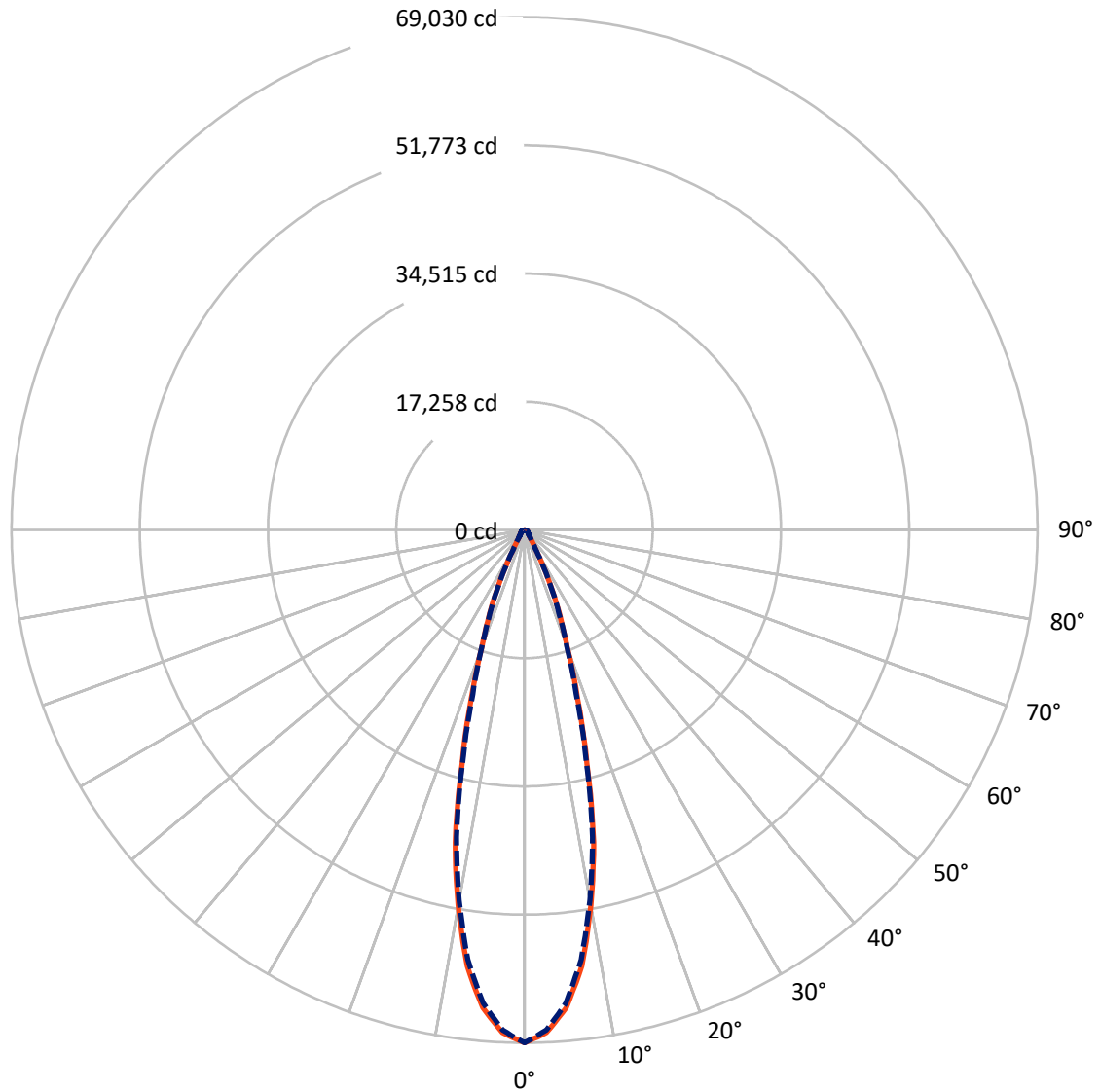
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Lumen Table

90																			
80	0.4	3.6		9.4		14.8		16.4		14.8		9.4		3.6		0.4			
70																			
60	1.6	1.9	3.7	6.1	8.5	10.4	11.7	12.3	12.3	11.7	10.4	8.5	6.1	3.7	1.9	1.6			
50		2.8	5.6	9.0	12.1	14.8	16.6	17.3	17.3	16.6	14.8	12.1	9.0	5.6	2.8				
40	2.8	3.5	7.2	11.1	14.8	18.7	22.0	23.6	23.6	22.0	18.7	14.8	11.1	7.2	3.5	2.8			
30		4.2	8.4	12.8	18.1	25.8	37.4	48.6	48.6	37.4	25.8	18.1	12.8	8.4	4.2				
20	3.6	4.7	9.2	14.4	23.2	50.4	142.0	251.8	251.8	142.0	50.4	23.2	14.4	9.2	4.7	3.6			
10		5.0	9.6	15.7	31.6	132.4	471.8	904.0	904.0	471.8	132.4	31.6	15.7	9.6	5.0				
0	3.9	5.2	9.8	16.5	40.1	228.5	873.2	1717.6	1717.6	873.2	228.5	40.1	16.5	9.8	5.2	3.9			
-10		5.2	9.8	16.5	40.1	228.5	873.2	1717.6	1717.6	873.2	228.5	40.1	16.5	9.8	5.2				
-20	3.6	5.0	9.6	15.7	31.6	132.4	471.8	904.0	904.0	471.8	132.4	31.6	15.7	9.6	5.0	3.6			
-30		4.7	9.2	14.4	23.2	50.4	142.0	251.8	251.8	142.0	50.4	23.2	14.4	9.2	4.7				
-40	2.8	4.2	8.4	12.8	18.1	25.8	37.4	48.6	48.6	37.4	25.8	18.1	12.8	8.4	4.2	2.8			
-50		3.5	7.2	11.1	14.8	18.7	22.0	23.6	23.6	22.0	18.7	14.8	11.1	7.2	3.5				
-60	1.6	2.8	5.6	9.0	12.1	14.8	16.6	17.3	17.3	16.6	14.8	12.1	9.0	5.6	2.8	1.6			
-70		1.9	3.7	6.1	8.5	10.4	11.7	12.3	12.3	11.7	10.4	8.5	6.1	3.7	1.9				
-80																			
-90	0.4	3.6		9.4		14.8		16.4		14.8		9.4		3.6		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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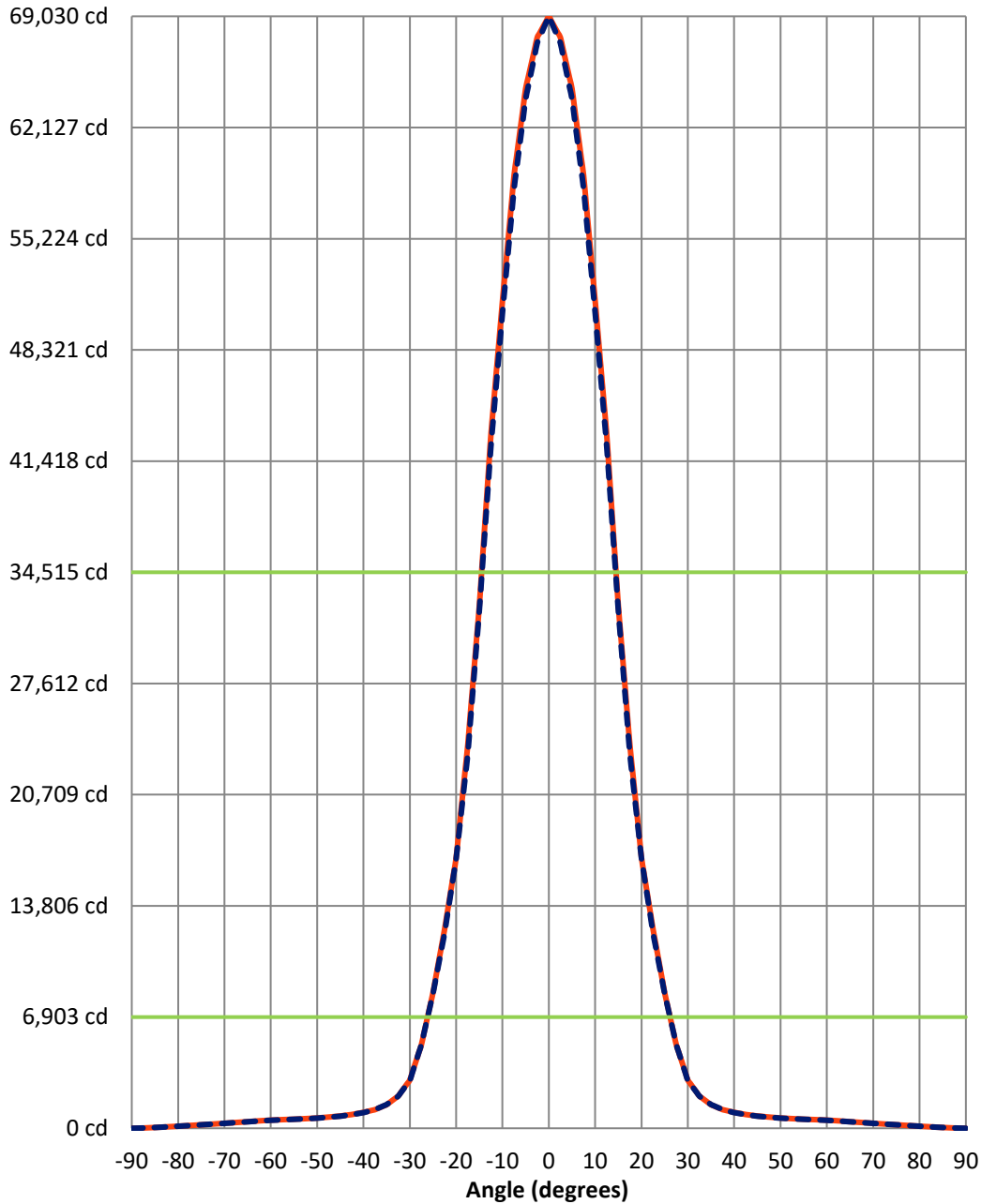
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
H Angle: 28.8°
V Angle: 29°
Lumens: 10485.8
Efficiency: 48.6%

Field:
H Angle: 52.3°
V Angle: 52.3°
Lumens: 17695.7
Efficiency: 82.0%

Spill:
Lumens: 3871.7
Efficiency: 18.0%

— 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	0.8	1.5	2.3	3.1	3.8	4.6	5.3	6.1	6.8	7.5
85°	0.0	1.5	3.1	4.6	6.1	7.7	9.2	10.6	12.1	13.5	14.9
82.5°	0.0	2.3	4.6	6.9	9.2	11.5	13.7	15.9	18.5	22.7	27.1
80°	0.0	3.1	6.1	9.2	12.2	15.2	18.6	24.0	29.7	35.6	41.9
77.5°	0.0	3.8	7.7	11.5	15.2	20.0	26.5	33.4	40.8	48.5	56.9
75°	0.0	4.6	9.2	13.7	18.6	26.5	34.3	42.7	51.9	62.7	73.3
72.5°	0.0	5.3	10.6	15.9	23.8	33.0	42.1	52.5	65.0	77.3	89.5
70°	0.0	6.1	12.1	18.4	28.9	39.3	50.0	63.8	77.9	91.8	106.9
67.5°	0.0	6.8	13.5	22.2	33.9	45.6	59.6	74.9	90.6	107.6	124.4
65°	0.0	7.5	14.9	25.9	38.9	52.7	69.1	85.9	104.4	123.1	142.0
62.5°	0.0	8.2	16.3	29.5	43.7	60.4	78.4	97.4	118.0	138.5	160.1
60°	0.0	8.8	17.7	33.1	48.5	68.1	87.6	109.1	131.3	154.2	177.7
57.5°	0.0	9.5	20.0	36.6	54.3	75.5	97.2	120.4	144.5	169.3	195.1
55°	0.0	10.2	22.2	39.9	60.1	82.7	106.5	131.5	157.3	184.0	212.3
52.5°	0.0	10.8	24.4	43.2	65.7	89.8	115.5	142.2	169.5	199.0	228.9
50°	0.0	11.4	26.5	46.4	71.2	96.9	124.2	152.6	181.6	213.5	244.3
47.5°	0.0	12.0	28.6	49.6	76.4	103.8	132.5	162.6	194.0	227.4	258.8
45°	0.0	12.5	30.5	53.4	81.5	110.3	140.7	172.2	206.0	239.7	272.6
42.5°	0.0	13.0	32.4	57.0	86.3	116.5	148.5	181.8	217.3	251.3	285.2
40°	0.0	13.6	34.2	60.4	90.9	122.3	156.0	191.1	227.7	262.2	297.2
37.5°	0.0	14.0	35.9	63.6	95.4	127.8	163.1	199.8	237.0	272.6	308.5
35°	0.0	14.5	37.5	66.6	99.5	133.3	169.8	208.0	245.7	282.5	319.1
32.5°	0.0	14.9	39.0	69.3	103.4	138.5	176.2	215.5	253.8	291.7	329.4
30°	0.0	15.3	40.4	71.8	106.9	143.3	182.2	222.3	261.3	300.2	339.0
27.5°	0.0	15.7	41.7	74.1	110.2	147.8	187.7	228.3	268.3	308.1	347.8
25°	0.0	16.0	42.9	76.2	113.2	151.9	192.6	233.8	274.6	315.3	355.9
22.5°	0.0	16.4	44.0	78.0	115.9	155.6	197.0	238.8	280.3	321.8	364.0
20°	0.0	16.6	45.0	79.6	118.5	158.8	200.9	243.2	285.4	327.5	371.1
17.5°	0.0	16.9	45.8	81.0	120.7	161.6	204.4	247.0	289.8	332.5	377.4
15°	0.0	17.1	46.6	82.1	122.7	163.9	207.7	250.5	293.5	336.7	382.8
12.5°	0.0	17.3	47.2	83.0	124.4	165.7	210.4	253.8	297.0	340.2	387.1
10°	0.0	17.4	47.8	83.7	125.9	167.1	212.8	256.5	300.1	344.3	391.2
7.5°	0.0	17.5	48.2	84.1	127.0	168.1	214.6	258.7	302.5	348.0	395.7
5°	0.0	17.6	48.5	84.4	127.8	168.6	216.0	260.2	304.3	350.9	399.2
2.5°	0.0	17.7	48.6	84.4	128.3	168.7	216.8	261.1	305.3	353.1	401.7
0°	0.0	17.7	48.7	84.2	128.5	168.4	217.1	261.4	305.7	354.5	403.2
-2.5°	0.0	17.7	48.6	84.4	128.3	168.7	216.8	261.1	305.3	353.1	401.7
-5°	0.0	17.6	48.5	84.4	127.8	168.6	216.0	260.2	304.3	350.9	399.2
-7.5°	0.0	17.5	48.2	84.1	127.0	168.1	214.6	258.7	302.5	348.0	395.7
-10°	0.0	17.4	47.8	83.7	125.9	167.1	212.8	256.5	300.1	344.3	391.2
-12.5°	0.0	17.3	47.2	83.0	124.4	165.7	210.4	253.8	297.0	340.2	387.1
-15°	0.0	17.1	46.6	82.1	122.7	163.9	207.7	250.5	293.5	336.7	382.8
-17.5°	0.0	16.9	45.8	81.0	120.7	161.6	204.4	247.0	289.8	332.5	377.4
-20°	0.0	16.6	45.0	79.6	118.5	158.8	200.9	243.2	285.4	327.5	371.1

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA3D-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	16.4	44.0	78.0	115.9	155.6	197.0	238.8	280.3	321.8	364.0
-25°	0.0	16.0	42.9	76.2	113.2	151.9	192.6	233.8	274.6	315.3	355.9
-27.5°	0.0	15.7	41.7	74.1	110.2	147.8	187.7	228.3	268.3	308.1	347.8
-30°	0.0	15.3	40.4	71.8	106.9	143.3	182.2	222.3	261.3	300.2	339.0
-32.5°	0.0	14.9	39.0	69.3	103.4	138.5	176.2	215.5	253.8	291.7	329.4
-35°	0.0	14.5	37.5	66.6	99.5	133.3	169.8	208.0	245.7	282.5	319.1
-37.5°	0.0	14.0	35.9	63.6	95.4	127.8	163.1	199.8	237.0	272.6	308.5
-40°	0.0	13.6	34.2	60.4	90.9	122.3	156.0	191.1	227.7	262.2	297.2
-42.5°	0.0	13.0	32.4	57.0	86.3	116.5	148.5	181.8	217.3	251.3	285.2
-45°	0.0	12.5	30.5	53.4	81.5	110.3	140.7	172.2	206.0	239.7	272.6
-47.5°	0.0	12.0	28.6	49.6	76.4	103.8	132.5	162.6	194.0	227.4	258.8
-50°	0.0	11.4	26.5	46.4	71.2	96.9	124.2	152.6	181.6	213.5	244.3
-52.5°	0.0	10.8	24.4	43.2	65.7	89.8	115.5	142.2	169.5	199.0	228.9
-55°	0.0	10.2	22.2	39.9	60.1	82.7	106.5	131.5	157.3	184.0	212.3
-57.5°	0.0	9.5	20.0	36.6	54.3	75.5	97.2	120.4	144.5	169.3	195.1
-60°	0.0	8.8	17.7	33.1	48.5	68.1	87.6	109.1	131.3	154.2	177.7
-62.5°	0.0	8.2	16.3	29.5	43.7	60.4	78.4	97.4	118.0	138.5	160.1
-65°	0.0	7.5	14.9	25.9	38.9	52.7	69.1	85.9	104.4	123.1	142.0
-67.5°	0.0	6.8	13.5	22.2	33.9	45.6	59.6	74.9	90.6	107.6	124.4
-70°	0.0	6.1	12.1	18.4	28.9	39.3	50.0	63.8	77.9	91.8	106.9
-72.5°	0.0	5.3	10.6	15.9	23.8	33.0	42.1	52.5	65.0	77.3	89.5
-75°	0.0	4.6	9.2	13.7	18.6	26.5	34.3	42.7	51.9	62.7	73.3
-77.5°	0.0	3.8	7.7	11.5	15.2	20.0	26.5	33.4	40.8	48.5	56.9
-80°	0.0	3.1	6.1	9.2	12.2	15.2	18.6	24.0	29.7	35.6	41.9
-82.5°	0.0	2.3	4.6	6.9	9.2	11.5	13.7	15.9	18.5	22.7	27.1
-85°	0.0	1.5	3.1	4.6	6.1	7.7	9.2	10.6	12.1	13.5	14.9
-87.5°	0.0	0.8	1.5	2.3	3.1	3.8	4.6	5.3	6.1	6.8	7.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.2	8.8	9.5	10.2	10.8	11.4	12.0	12.5	13.0	13.6	14.0
85°	16.3	17.7	20.3	22.9	25.4	27.8	30.1	32.4	34.5	36.6	38.5
82.5°	31.3	35.3	39.3	43.2	46.9	50.5	54.0	57.4	60.6	63.7	66.6
80°	47.5	52.9	58.4	63.4	68.3	73.1	77.8	82.3	86.6	91.2	96.0
77.5°	64.7	71.6	77.9	83.6	89.9	97.4	104.7	111.7	118.4	124.8	130.9
75°	82.4	90.3	98.9	107.4	116.3	125.4	134.2	142.7	150.9	159.4	167.8
72.5°	101.0	111.7	122.1	132.3	143.5	154.5	164.6	173.8	184.2	195.7	206.2
70°	120.7	133.1	146.2	159.3	172.0	184.2	196.8	209.3	222.1	234.4	246.2
67.5°	140.6	156.1	171.3	186.1	200.5	215.2	230.1	245.3	259.9	274.0	287.6
65°	161.7	179.1	196.1	212.6	228.7	246.6	264.2	281.2	299.8	317.0	331.9
62.5°	182.2	201.7	220.5	239.2	258.8	278.6	299.0	320.3	342.4	358.4	372.1
60°	202.0	223.9	244.9	266.4	288.2	310.6	334.0	356.8	377.0	394.4	408.8
57.5°	221.3	245.9	269.1	292.5	316.3	341.7	367.5	390.8	409.6	426.4	442.2
55°	240.0	267.3	292.0	316.8	343.9	373.7	400.1	421.1	440.4	454.2	469.4
52.5°	257.8	287.0	312.8	340.6	371.6	402.6	428.8	449.2	465.4	479.7	494.5
50°	274.8	304.2	332.9	364.5	397.2	428.2	454.8	473.6	489.8	504.8	519.0
47.5°	290.3	320.8	353.1	386.9	421.1	451.8	477.3	496.4	513.3	528.6	544.3
45°	304.8	337.6	372.0	409.0	444.1	474.5	497.7	518.2	534.4	551.6	571.3
42.5°	318.7	353.7	391.1	430.6	466.4	494.2	516.6	536.3	555.0	575.8	597.6
40°	332.4	368.8	409.3	450.8	487.2	511.3	533.8	554.6	576.2	599.8	623.6
37.5°	345.1	384.3	426.3	469.6	502.5	527.5	550.8	574.1	598.2	623.6	653.2
35°	356.8	398.5	442.5	484.4	516.0	543.3	568.3	593.5	620.6	651.5	684.2
32.5°	368.2	411.4	457.7	496.9	528.4	557.5	585.0	613.6	644.5	678.6	716.0
30°	379.4	424.1	470.9	509.7	539.4	569.2	601.5	633.2	667.6	705.5	749.4
27.5°	390.3	435.8	482.0	519.7	549.0	579.3	614.0	652.6	690.2	731.7	782.5
25°	400.2	447.9	492.9	527.6	557.3	589.1	625.2	666.3	710.5	759.9	822.2
22.5°	409.7	458.8	503.3	534.4	564.2	597.5	636.5	679.9	728.0	785.2	861.3
20°	418.5	467.3	510.2	540.6	569.9	604.4	646.2	691.9	746.9	816.2	907.2
17.5°	426.2	474.5	514.9	545.7	575.9	611.3	654.5	702.1	763.9	843.6	951.2
15°	432.8	480.4	519.0	549.6	581.0	618.6	663.0	714.9	782.5	870.3	989.2
12.5°	438.3	485.0	522.5	552.4	585.0	623.9	670.2	727.2	801.1	899.5	1040.5
10°	442.5	488.3	525.2	554.2	587.8	627.4	675.9	736.8	816.2	923.9	1084.4
7.5°	446.7	491.3	527.1	554.9	589.4	629.2	679.8	743.6	827.2	942.3	1119.4
5°	449.7	494.1	528.2	556.6	590.4	630.0	682.5	747.5	834.1	954.4	1144.1
2.5°	451.4	495.7	528.3	557.9	590.5	630.3	685.7	749.6	841.7	964.6	1158.2
0°	452.0	496.3	527.3	558.3	589.3	629.2	686.8	748.8	846.3	970.4	1160.9
-2.5°	451.4	495.7	528.3	557.9	590.5	630.3	685.7	749.6	841.7	964.6	1158.2
-5°	449.7	494.1	528.2	556.6	590.4	630.0	682.5	747.5	834.1	954.4	1144.1
-7.5°	446.7	491.3	527.1	554.9	589.4	629.2	679.8	743.6	827.2	942.3	1119.4
-10°	442.5	488.3	525.2	554.2	587.8	627.4	675.9	736.8	816.2	923.9	1084.4
-12.5°	438.3	485.0	522.5	552.4	585.0	623.9	670.2	727.2	801.1	899.5	1040.5
-15°	432.8	480.4	519.0	549.6	581.0	618.6	663.0	714.9	782.5	870.3	989.2
-17.5°	426.2	474.5	514.9	545.7	575.9	611.3	654.5	702.1	763.9	843.6	951.2
-20°	418.5	467.3	510.2	540.6	569.9	604.4	646.2	691.9	746.9	816.2	907.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627215 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	409.7	458.8	503.3	534.4	564.2	597.5	636.5	679.9	728.0	785.2	861.3
-25°	400.2	447.9	492.9	527.6	557.3	589.1	625.2	666.3	710.5	759.9	822.2
-27.5°	390.3	435.8	482.0	519.7	549.0	579.3	614.0	652.6	690.2	731.7	782.5
-30°	379.4	424.1	470.9	509.7	539.4	569.2	601.5	633.2	667.6	705.5	749.4
-32.5°	368.2	411.4	457.7	496.9	528.4	557.5	585.0	613.6	644.5	678.6	716.0
-35°	356.8	398.5	442.5	484.4	516.0	543.3	568.3	593.5	620.6	651.5	684.2
-37.5°	345.1	384.3	426.3	469.6	502.5	527.5	550.8	574.1	598.2	623.6	653.2
-40°	332.4	368.8	409.3	450.8	487.2	511.3	533.8	554.6	576.2	599.8	623.6
-42.5°	318.7	353.7	391.1	430.6	466.4	494.2	516.6	536.3	555.0	575.8	597.6
-45°	304.8	337.6	372.0	409.0	444.1	474.5	497.7	518.2	534.4	551.6	571.3
-47.5°	290.3	320.8	353.1	386.9	421.1	451.8	477.3	496.4	513.3	528.6	544.3
-50°	274.8	304.2	332.9	364.5	397.2	428.2	454.8	473.6	489.8	504.8	519.0
-52.5°	257.8	287.0	312.8	340.6	371.6	402.6	428.8	449.2	465.4	479.7	494.5
-55°	240.0	267.3	292.0	316.8	343.9	373.7	400.1	421.1	440.4	454.2	469.4
-57.5°	221.3	245.9	269.1	292.5	316.3	341.7	367.5	390.8	409.6	426.4	442.2
-60°	202.0	223.9	244.9	266.4	288.2	310.6	334.0	356.8	377.0	394.4	408.8
-62.5°	182.2	201.7	220.5	239.2	258.8	278.6	299.0	320.3	342.4	358.4	372.1
-65°	161.7	179.1	196.1	212.6	228.7	246.6	264.2	281.2	299.8	317.0	331.9
-67.5°	140.6	156.1	171.3	186.1	200.5	215.2	230.1	245.3	259.9	274.0	287.6
-70°	120.7	133.1	146.2	159.3	172.0	184.2	196.8	209.3	222.1	234.4	246.2
-72.5°	101.0	111.7	122.1	132.3	143.5	154.5	164.6	173.8	184.2	195.7	206.2
-75°	82.4	90.3	98.9	107.4	116.3	125.4	134.2	142.7	150.9	159.4	167.8
-77.5°	64.7	71.6	77.9	83.6	89.9	97.4	104.7	111.7	118.4	124.8	130.9
-80°	47.5	52.9	58.4	63.4	68.3	73.1	77.8	82.3	86.6	91.2	96.0
-82.5°	31.3	35.3	39.3	43.2	46.9	50.5	54.0	57.4	60.6	63.7	66.6
-85°	16.3	17.7	20.3	22.9	25.4	27.8	30.1	32.4	34.5	36.6	38.5
-87.5°	8.2	8.8	9.5	10.2	10.8	11.4	12.0	12.5	13.0	13.6	14.0
-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: P627215 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-U-MR-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°	14.5	14.9	15.3	15.7	16.0	16.4	16.6	16.9	17.1	17.3	17.4
85°	40.3	42.1	43.7	45.2	46.5	46.9	47.0	46.9	46.6	47.2	47.8
82.5°	69.3	72.4	75.6	78.7	81.8	82.9	83.7	84.2	84.6	85.7	86.8
80°	100.6	105.5	110.1	114.2	117.8	120.4	122.7	124.9	126.8	127.7	128.2
77.5°	137.0	143.0	148.6	153.8	158.5	162.3	165.3	167.8	169.7	170.9	171.7
75°	176.3	183.8	190.5	196.7	202.5	206.5	209.2	211.3	212.6	214.1	215.3
72.5°	215.8	224.4	232.4	239.9	246.5	251.1	254.3	256.9	258.9	260.4	261.1
70°	257.4	267.7	276.5	284.0	290.0	294.4	297.9	300.7	302.9	304.3	305.1
67.5°	300.5	311.5	319.8	326.3	331.7	336.4	340.7	343.9	346.0	348.1	350.4
65°	344.5	355.6	364.0	371.0	376.6	382.7	388.3	392.4	395.2	397.7	400.2
62.5°	385.7	398.3	408.1	417.2	426.5	435.2	440.3	444.2	447.0	449.4	452.3
60°	423.2	437.6	449.5	460.6	471.9	483.2	487.9	491.5	495.0	498.2	501.1
57.5°	456.5	471.8	486.3	497.2	508.0	518.6	525.9	529.9	532.6	534.1	535.3
55°	485.5	500.7	515.2	527.8	539.5	550.4	558.5	562.5	565.4	567.3	568.4
52.5°	511.5	527.7	543.3	557.2	569.9	581.6	591.8	597.2	601.6	604.6	605.6
50°	537.0	554.6	571.4	586.3	601.0	615.1	628.0	635.4	640.7	644.0	645.0
47.5°	563.6	582.7	600.9	618.2	634.9	651.6	666.9	677.1	684.7	690.2	694.3
45°	591.3	611.9	632.0	652.4	671.6	693.1	712.5	727.4	738.4	747.9	755.6
42.5°	619.3	642.4	665.4	691.7	718.0	742.4	765.5	785.2	803.2	820.9	834.6
40°	649.6	674.9	706.4	737.6	770.0	798.4	832.1	862.3	890.0	919.9	944.6
37.5°	682.7	715.3	752.6	790.0	832.1	872.9	920.0	966.3	1006.6	1059.0	1101.0
35°	718.9	760.0	804.1	854.4	908.6	972.7	1038.5	1115.8	1181.3	1264.6	1341.4
32.5°	759.1	807.5	864.7	933.8	1007.1	1109.9	1206.4	1337.3	1449.2	1593.6	1751.4
30°	800.0	862.6	940.4	1029.6	1153.5	1299.5	1469.6	1691.0	1930.5	2178.2	2511.6
27.5°	848.5	929.8	1027.0	1164.7	1350.0	1552.0	1898.7	2273.1	2794.6	3207.4	3942.7
25°	900.8	1001.4	1144.9	1344.5	1600.6	2009.5	2594.7	3272.3	4315.8	5244.0	6310.7
22.5°	962.6	1099.3	1289.3	1550.7	1997.2	2700.6	3614.0	5005.6	6552.6	8079.3	9474.7
20°	1028.2	1193.2	1459.0	1884.8	2574.8	3591.9	5221.6	7210.0	9263.7	11356.0	13119.3
17.5°	1104.7	1328.8	1678.9	2244.4	3228.8	4970.3	7147.1	9675.4	12358.4	15028.3	17347.5
15°	1170.5	1447.3	1918.7	2765.8	4233.7	6412.0	9087.4	12280.6	15654.6	19119.6	22875.0
12.5°	1254.3	1590.2	2165.8	3196.9	5125.3	7956.6	11230.1	14937.6	19057.6	23658.3	29513.0
10°	1331.3	1739.9	2490.9	3887.5	6197.1	9399.5	13081.0	17287.3	22631.3	29545.0	36607.2
7.5°	1392.9	1858.7	2743.1	4426.5	7096.0	10632.1	14747.6	19790.7	26457.8	34690.4	42759.4
5°	1435.8	1941.1	2923.4	4833.7	7819.0	11574.1	15930.4	21636.2	29683.1	38902.2	47141.2
2.5°	1462.8	1986.1	3011.7	5075.5	8290.6	12141.0	16668.3	22809.0	31659.9	41583.3	49925.0
0°	1475.5	1993.9	2955.5	5193.1	8356.8	12101.0	16735.8	23200.6	32129.0	42311.4	50619.5
-2.5°	1462.8	1986.1	3011.7	5075.5	8290.6	12141.0	16668.3	22809.0	31659.9	41583.3	49925.0
-5°	1435.8	1941.1	2923.4	4833.7	7819.0	11574.1	15930.4	21636.2	29683.1	38902.2	47141.2
-7.5°	1392.9	1858.7	2743.1	4426.5	7096.0	10632.1	14747.6	19790.7	26457.8	34690.4	42759.4
-10°	1331.3	1739.9	2490.9	3887.5	6197.1	9399.5	13081.0	17287.3	22631.3	29545.0	36607.2
-12.5°	1254.3	1590.2	2165.8	3196.9	5125.3	7956.6	11230.1	14937.6	19057.6	23658.3	29513.0
-15°	1170.5	1447.3	1918.7	2765.8	4233.7	6412.0	9087.4	12280.6	15654.6	19119.6	22875.0
-17.5°	1104.7	1328.8	1678.9	2244.4	3228.8	4970.3	7147.1	9675.4	12358.4	15028.3	17347.5
-20°	1028.2	1193.2	1459.0	1884.8	2574.8	3591.9	5221.6	7210.0	9263.7	11356.0	13119.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627215 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	962.6	1099.3	1289.3	1550.7	1997.2	2700.6	3614.0	5005.6	6552.6	8079.3	9474.7
-25°	900.8	1001.4	1144.9	1344.5	1600.6	2009.5	2594.7	3272.3	4315.8	5244.0	6310.7
-27.5°	848.5	929.8	1027.0	1164.7	1350.0	1552.0	1898.7	2273.1	2794.6	3207.4	3942.7
-30°	800.0	862.6	940.4	1029.6	1153.5	1299.5	1469.6	1691.0	1930.5	2178.2	2511.6
-32.5°	759.1	807.5	864.7	933.8	1007.1	1109.9	1206.4	1337.3	1449.2	1593.6	1751.4
-35°	718.9	760.0	804.1	854.4	908.6	972.7	1038.5	1115.8	1181.3	1264.6	1341.4
-37.5°	682.7	715.3	752.6	790.0	832.1	872.9	920.0	966.3	1006.6	1059.0	1101.0
-40°	649.6	674.9	706.4	737.6	770.0	798.4	832.1	862.3	890.0	919.9	944.6
-42.5°	619.3	642.4	665.4	691.7	718.0	742.4	765.5	785.2	803.2	820.9	834.6
-45°	591.3	611.9	632.0	652.4	671.6	693.1	712.5	727.4	738.4	747.9	755.6
-47.5°	563.6	582.7	600.9	618.2	634.9	651.6	666.9	677.1	684.7	690.2	694.3
-50°	537.0	554.6	571.4	586.3	601.0	615.1	628.0	635.4	640.7	644.0	645.0
-52.5°	511.5	527.7	543.3	557.2	569.9	581.6	591.8	597.2	601.6	604.6	605.6
-55°	485.5	500.7	515.2	527.8	539.5	550.4	558.5	562.5	565.4	567.3	568.4
-57.5°	456.5	471.8	486.3	497.2	508.0	518.6	525.9	529.9	532.6	534.1	535.3
-60°	423.2	437.6	449.5	460.6	471.9	483.2	487.9	491.5	495.0	498.2	501.1
-62.5°	385.7	398.3	408.1	417.2	426.5	435.2	440.3	444.2	447.0	449.4	452.3
-65°	344.5	355.6	364.0	371.0	376.6	382.7	388.3	392.4	395.2	397.7	400.2
-67.5°	300.5	311.5	319.8	326.3	331.7	336.4	340.7	343.9	346.0	348.1	350.4
-70°	257.4	267.7	276.5	284.0	290.0	294.4	297.9	300.7	302.9	304.3	305.1
-72.5°	215.8	224.4	232.4	239.9	246.5	251.1	254.3	256.9	258.9	260.4	261.1
-75°	176.3	183.8	190.5	196.7	202.5	206.5	209.2	211.3	212.6	214.1	215.3
-77.5°	137.0	143.0	148.6	153.8	158.5	162.3	165.3	167.8	169.7	170.9	171.7
-80°	100.6	105.5	110.1	114.2	117.8	120.4	122.7	124.9	126.8	127.7	128.2
-82.5°	69.3	72.4	75.6	78.7	81.8	82.9	83.7	84.2	84.6	85.7	86.8
-85°	40.3	42.1	43.7	45.2	46.5	46.9	47.0	46.9	46.6	47.2	47.8
-87.5°	14.5	14.9	15.3	15.7	16.0	16.4	16.6	16.9	17.1	17.3	17.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627215 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-735-U-MR-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°	17.5	17.6	17.7	17.7	17.7	17.6	17.5	17.4	17.3	17.1	16.9
85°	48.2	48.5	48.6	48.7	48.6	48.5	48.2	47.8	47.2	46.6	46.9
82.5°	87.6	88.1	88.5	88.6	88.5	88.1	87.6	86.8	85.7	84.6	84.2
80°	128.2	127.9	128.3	128.5	128.3	127.9	128.2	128.2	127.7	126.8	124.9
77.5°	172.1	172.0	172.6	172.8	172.6	172.0	172.1	171.7	170.9	169.7	167.8
75°	216.0	216.1	216.8	217.1	216.8	216.1	216.0	215.3	214.1	212.6	211.3
72.5°	261.1	260.4	261.1	261.4	261.1	260.4	261.1	261.1	260.4	258.9	256.9
70°	305.2	304.6	307.4	310.2	307.4	304.6	305.2	305.1	304.3	302.9	300.7
67.5°	352.0	352.9	356.1	358.9	356.1	352.9	352.0	350.4	348.1	346.0	343.9
65°	401.5	401.7	404.7	407.6	404.7	401.7	401.5	400.2	397.7	395.2	392.4
62.5°	454.0	454.5	457.7	460.8	457.7	454.5	454.0	452.3	449.4	447.0	444.2
60°	502.8	503.3	504.5	505.1	504.5	503.3	502.8	501.1	498.2	495.0	491.5
57.5°	535.7	535.2	535.7	536.1	535.7	535.2	535.7	535.3	534.1	532.6	529.9
55°	568.2	566.7	565.0	562.7	565.0	566.7	568.2	568.4	567.3	565.4	562.5
52.5°	604.8	602.5	600.4	598.2	600.4	602.5	604.8	605.6	604.6	601.6	597.2
50°	644.4	642.3	640.2	638.1	640.2	642.3	644.4	645.0	644.0	640.7	635.4
47.5°	697.0	697.9	697.5	695.7	697.5	697.9	697.0	694.3	690.2	684.7	677.1
45°	761.0	763.5	763.8	762.1	763.8	763.5	761.0	755.6	747.9	738.4	727.4
42.5°	844.4	850.0	853.1	855.2	853.1	850.0	844.4	834.6	820.9	803.2	785.2
40°	962.6	974.0	981.3	988.1	981.3	974.0	962.6	944.6	919.9	890.0	862.3
37.5°	1132.2	1152.9	1162.2	1156.5	1162.2	1152.9	1132.2	1101.0	1059.0	1006.6	966.3
35°	1400.5	1440.0	1460.6	1462.2	1460.6	1440.0	1400.5	1341.4	1264.6	1181.3	1115.8
32.5°	1867.9	1948.8	1992.3	1998.4	1992.3	1948.8	1867.9	1751.4	1593.6	1449.2	1337.3
30°	2766.9	2931.8	3009.3	2990.9	3009.3	2931.8	2766.9	2511.6	2178.2	1930.5	1691.0
27.5°	4514.3	4925.5	5169.3	5188.7	5169.3	4925.5	4514.3	3942.7	3207.4	2794.6	2273.1
25°	7255.5	7957.6	8407.1	8414.4	8407.1	7957.6	7255.5	6310.7	5244.0	4315.8	3272.3
22.5°	10765.1	11723.5	12248.6	12340.3	12248.6	11723.5	10765.1	9474.7	8079.3	6552.6	5005.6
20°	14831.1	16106.1	16788.2	16789.0	16788.2	16106.1	14831.1	13119.3	11356.0	9263.7	7210.0
17.5°	19838.6	21908.8	23208.3	23767.8	23208.3	21908.8	19838.6	17347.5	15028.3	12358.4	9675.4
15°	26491.2	29970.0	32054.6	32430.3	32054.6	29970.0	26491.2	22875.0	19119.6	15654.6	12280.6
12.5°	34591.4	38994.0	41953.4	43038.1	41953.4	38994.0	34591.4	29513.0	23658.3	19057.6	14937.6
10°	43048.7	47128.0	50298.5	51363.9	50298.5	47128.0	43048.7	36607.2	29545.0	22631.3	17287.3
7.5°	49158.5	54022.8	57594.1	59162.4	57594.1	54022.8	49158.5	42759.4	34690.4	26457.8	19790.7
5°	53981.5	59737.2	63061.7	64537.2	63061.7	59737.2	53981.5	47141.2	38902.2	29683.1	21636.2
2.5°	57146.1	62833.2	66353.6	67714.2	66353.6	62833.2	57146.1	49925.0	41583.3	31659.9	22809.0
0°	58329.4	63890.2	67368.6	69030.2	67368.6	63890.2	58329.4	50619.5	42311.4	32129.0	23200.6
-2.5°	57146.1	62833.2	66353.6	67714.2	66353.6	62833.2	57146.1	49925.0	41583.3	31659.9	22809.0
-5°	53981.5	59737.2	63061.7	64537.2	63061.7	59737.2	53981.5	47141.2	38902.2	29683.1	21636.2
-7.5°	49158.5	54022.8	57594.1	59162.4	57594.1	54022.8	49158.5	42759.4	34690.4	26457.8	19790.7
-10°	43048.7	47128.0	50298.5	51363.9	50298.5	47128.0	43048.7	36607.2	29545.0	22631.3	17287.3
-12.5°	34591.4	38994.0	41953.4	43038.1	41953.4	38994.0	34591.4	29513.0	23658.3	19057.6	14937.6
-15°	26491.2	29970.0	32054.6	32430.3	32054.6	29970.0	26491.2	22875.0	19119.6	15654.6	12280.6
-17.5°	19838.6	21908.8	23208.3	23767.8	23208.3	21908.8	19838.6	17347.5	15028.3	12358.4	9675.4
-20°	14831.1	16106.1	16788.2	16789.0	16788.2	16106.1	14831.1	13119.3	11356.0	9263.7	7210.0



REPORT NUMBER: P627215 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	10765.1	11723.5	12248.6	12340.3	12248.6	11723.5	10765.1	9474.7	8079.3	6552.6	5005.6
-25°	7255.5	7957.6	8407.1	8414.4	8407.1	7957.6	7255.5	6310.7	5244.0	4315.8	3272.3
-27.5°	4514.3	4925.5	5169.3	5188.7	5169.3	4925.5	4514.3	3942.7	3207.4	2794.6	2273.1
-30°	2766.9	2931.8	3009.3	2990.9	3009.3	2931.8	2766.9	2511.6	2178.2	1930.5	1691.0
-32.5°	1867.9	1948.8	1992.3	1998.4	1992.3	1948.8	1867.9	1751.4	1593.6	1449.2	1337.3
-35°	1400.5	1440.0	1460.6	1462.2	1460.6	1440.0	1400.5	1341.4	1264.6	1181.3	1115.8
-37.5°	1132.2	1152.9	1162.2	1156.5	1162.2	1152.9	1132.2	1101.0	1059.0	1006.6	966.3
-40°	962.6	974.0	981.3	988.1	981.3	974.0	962.6	944.6	919.9	890.0	862.3
-42.5°	844.4	850.0	853.1	855.2	853.1	850.0	844.4	834.6	820.9	803.2	785.2
-45°	761.0	763.5	763.8	762.1	763.8	763.5	761.0	755.6	747.9	738.4	727.4
-47.5°	697.0	697.9	697.5	695.7	697.5	697.9	697.0	694.3	690.2	684.7	677.1
-50°	644.4	642.3	640.2	638.1	640.2	642.3	644.4	645.0	644.0	640.7	635.4
-52.5°	604.8	602.5	600.4	598.2	600.4	602.5	604.8	605.6	604.6	601.6	597.2
-55°	568.2	566.7	565.0	562.7	565.0	566.7	568.2	568.4	567.3	565.4	562.5
-57.5°	535.7	535.2	535.7	536.1	535.7	535.2	535.7	535.3	534.1	532.6	529.9
-60°	502.8	503.3	504.5	505.1	504.5	503.3	502.8	501.1	498.2	495.0	491.5
-62.5°	454.0	454.5	457.7	460.8	457.7	454.5	454.0	452.3	449.4	447.0	444.2
-65°	401.5	401.7	404.7	407.6	404.7	401.7	401.5	400.2	397.7	395.2	392.4
-67.5°	352.0	352.9	356.1	358.9	356.1	352.9	352.0	350.4	348.1	346.0	343.9
-70°	305.2	304.6	307.4	310.2	307.4	304.6	305.2	305.1	304.3	302.9	300.7
-72.5°	261.1	260.4	261.1	261.4	261.1	260.4	261.1	261.1	260.4	258.9	256.9
-75°	216.0	216.1	216.8	217.1	216.8	216.1	216.0	215.3	214.1	212.6	211.3
-77.5°	172.1	172.0	172.6	172.8	172.6	172.0	172.1	171.7	170.9	169.7	167.8
-80°	128.2	127.9	128.3	128.5	128.3	127.9	128.2	128.2	127.7	126.8	124.9
-82.5°	87.6	88.1	88.5	88.6	88.5	88.1	87.6	86.8	85.7	84.6	84.2
-85°	48.2	48.5	48.6	48.7	48.6	48.5	48.2	47.8	47.2	46.6	46.9
-87.5°	17.5	17.6	17.7	17.7	17.7	17.6	17.5	17.4	17.3	17.1	16.9
-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: P627215 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-U-MR-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°	16.6	16.4	16.0	15.7	15.3	14.9	14.5	14.0	13.6	13.0	12.5
85°	47.0	46.9	46.5	45.2	43.7	42.1	40.3	38.5	36.6	34.5	32.4
82.5°	83.7	82.9	81.8	78.7	75.6	72.4	69.3	66.6	63.7	60.6	57.4
80°	122.7	120.4	117.8	114.2	110.1	105.5	100.6	96.0	91.2	86.6	82.3
77.5°	165.3	162.3	158.5	153.8	148.6	143.0	137.0	130.9	124.8	118.4	111.7
75°	209.2	206.5	202.5	196.7	190.5	183.8	176.3	167.8	159.4	150.9	142.7
72.5°	254.3	251.1	246.5	239.9	232.4	224.4	215.8	206.2	195.7	184.2	173.8
70°	297.9	294.4	290.0	284.0	276.5	267.7	257.4	246.2	234.4	222.1	209.3
67.5°	340.7	336.4	331.7	326.3	319.8	311.5	300.5	287.6	274.0	259.9	245.3
65°	388.3	382.7	376.6	371.0	364.0	355.6	344.5	331.9	317.0	299.8	281.2
62.5°	440.3	435.2	426.5	417.2	408.1	398.3	385.7	372.1	358.4	342.4	320.3
60°	487.9	483.2	471.9	460.6	449.5	437.6	423.2	408.8	394.4	377.0	356.8
57.5°	525.9	518.6	508.0	497.2	486.3	471.8	456.5	442.2	426.4	409.6	390.8
55°	558.5	550.4	539.5	527.8	515.2	500.7	485.5	469.4	454.2	440.4	421.1
52.5°	591.8	581.6	569.9	557.2	543.3	527.7	511.5	494.5	479.7	465.4	449.2
50°	628.0	615.1	601.0	586.3	571.4	554.6	537.0	519.0	504.8	489.8	473.6
47.5°	666.9	651.6	634.9	618.2	600.9	582.7	563.6	544.3	528.6	513.3	496.4
45°	712.5	693.1	671.6	652.4	632.0	611.9	591.3	571.3	551.6	534.4	518.2
42.5°	765.5	742.4	718.0	691.7	665.4	642.4	619.3	597.6	575.8	555.0	536.3
40°	832.1	798.4	770.0	737.6	706.4	674.9	649.6	623.6	599.8	576.2	554.6
37.5°	920.0	872.9	832.1	790.0	752.6	715.3	682.7	653.2	623.6	598.2	574.1
35°	1038.5	972.7	908.6	854.4	804.1	760.0	718.9	684.2	651.5	620.6	593.5
32.5°	1206.4	1109.9	1007.1	933.8	864.7	807.5	759.1	716.0	678.6	644.5	613.6
30°	1469.6	1299.5	1153.5	1029.6	940.4	862.6	800.0	749.4	705.5	667.6	633.2
27.5°	1898.7	1552.0	1350.0	1164.7	1027.0	929.8	848.5	782.5	731.7	690.2	652.6
25°	2594.7	2009.5	1600.6	1344.5	1144.9	1001.4	900.8	822.2	759.9	710.5	666.3
22.5°	3614.0	2700.6	1997.2	1550.7	1289.3	1099.3	962.6	861.3	785.2	728.0	679.9
20°	5221.6	3591.9	2574.8	1884.8	1459.0	1193.2	1028.2	907.2	816.2	746.9	691.9
17.5°	7147.1	4970.3	3228.8	2244.4	1678.9	1328.8	1104.7	951.2	843.6	763.9	702.1
15°	9087.4	6412.0	4233.7	2765.8	1918.7	1447.3	1170.5	989.2	870.3	782.5	714.9
12.5°	11230.1	7956.6	5125.3	3196.9	2165.8	1590.2	1254.3	1040.5	899.5	801.1	727.2
10°	13081.0	9399.5	6197.1	3887.5	2490.9	1739.9	1331.3	1084.4	923.9	816.2	736.8
7.5°	14747.6	10632.1	7096.0	4426.5	2743.1	1858.7	1392.9	1119.4	942.3	827.2	743.6
5°	15930.4	11574.1	7819.0	4833.7	2923.4	1941.1	1435.8	1144.1	954.4	834.1	747.5
2.5°	16668.3	12141.0	8290.6	5075.5	3011.7	1986.1	1462.8	1158.2	964.6	841.7	749.6
0°	16735.8	12101.0	8356.8	5193.1	2955.5	1993.9	1475.5	1160.9	970.4	846.3	748.8
-2.5°	16668.3	12141.0	8290.6	5075.5	3011.7	1986.1	1462.8	1158.2	964.6	841.7	749.6
-5°	15930.4	11574.1	7819.0	4833.7	2923.4	1941.1	1435.8	1144.1	954.4	834.1	747.5
-7.5°	14747.6	10632.1	7096.0	4426.5	2743.1	1858.7	1392.9	1119.4	942.3	827.2	743.6
-10°	13081.0	9399.5	6197.1	3887.5	2490.9	1739.9	1331.3	1084.4	923.9	816.2	736.8
-12.5°	11230.1	7956.6	5125.3	3196.9	2165.8	1590.2	1254.3	1040.5	899.5	801.1	727.2
-15°	9087.4	6412.0	4233.7	2765.8	1918.7	1447.3	1170.5	989.2	870.3	782.5	714.9
-17.5°	7147.1	4970.3	3228.8	2244.4	1678.9	1328.8	1104.7	951.2	843.6	763.9	702.1
-20°	5221.6	3591.9	2574.8	1884.8	1459.0	1193.2	1028.2	907.2	816.2	746.9	691.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627215 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3614.0	2700.6	1997.2	1550.7	1289.3	1099.3	962.6	861.3	785.2	728.0	679.9
-25°	2594.7	2009.5	1600.6	1344.5	1144.9	1001.4	900.8	822.2	759.9	710.5	666.3
-27.5°	1898.7	1552.0	1350.0	1164.7	1027.0	929.8	848.5	782.5	731.7	690.2	652.6
-30°	1469.6	1299.5	1153.5	1029.6	940.4	862.6	800.0	749.4	705.5	667.6	633.2
-32.5°	1206.4	1109.9	1007.1	933.8	864.7	807.5	759.1	716.0	678.6	644.5	613.6
-35°	1038.5	972.7	908.6	854.4	804.1	760.0	718.9	684.2	651.5	620.6	593.5
-37.5°	920.0	872.9	832.1	790.0	752.6	715.3	682.7	653.2	623.6	598.2	574.1
-40°	832.1	798.4	770.0	737.6	706.4	674.9	649.6	623.6	599.8	576.2	554.6
-42.5°	765.5	742.4	718.0	691.7	665.4	642.4	619.3	597.6	575.8	555.0	536.3
-45°	712.5	693.1	671.6	652.4	632.0	611.9	591.3	571.3	551.6	534.4	518.2
-47.5°	666.9	651.6	634.9	618.2	600.9	582.7	563.6	544.3	528.6	513.3	496.4
-50°	628.0	615.1	601.0	586.3	571.4	554.6	537.0	519.0	504.8	489.8	473.6
-52.5°	591.8	581.6	569.9	557.2	543.3	527.7	511.5	494.5	479.7	465.4	449.2
-55°	558.5	550.4	539.5	527.8	515.2	500.7	485.5	469.4	454.2	440.4	421.1
-57.5°	525.9	518.6	508.0	497.2	486.3	471.8	456.5	442.2	426.4	409.6	390.8
-60°	487.9	483.2	471.9	460.6	449.5	437.6	423.2	408.8	394.4	377.0	356.8
-62.5°	440.3	435.2	426.5	417.2	408.1	398.3	385.7	372.1	358.4	342.4	320.3
-65°	388.3	382.7	376.6	371.0	364.0	355.6	344.5	331.9	317.0	299.8	281.2
-67.5°	340.7	336.4	331.7	326.3	319.8	311.5	300.5	287.6	274.0	259.9	245.3
-70°	297.9	294.4	290.0	284.0	276.5	267.7	257.4	246.2	234.4	222.1	209.3
-72.5°	254.3	251.1	246.5	239.9	232.4	224.4	215.8	206.2	195.7	184.2	173.8
-75°	209.2	206.5	202.5	196.7	190.5	183.8	176.3	167.8	159.4	150.9	142.7
-77.5°	165.3	162.3	158.5	153.8	148.6	143.0	137.0	130.9	124.8	118.4	111.7
-80°	122.7	120.4	117.8	114.2	110.1	105.5	100.6	96.0	91.2	86.6	82.3
-82.5°	83.7	82.9	81.8	78.7	75.6	72.4	69.3	66.6	63.7	60.6	57.4
-85°	47.0	46.9	46.5	45.2	43.7	42.1	40.3	38.5	36.6	34.5	32.4
-87.5°	16.6	16.4	16.0	15.7	15.3	14.9	14.5	14.0	13.6	13.0	12.5
-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: P627215 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-U-MR-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°	12.0	11.4	10.8	10.2	9.5	8.8	8.2	7.5	6.8	6.1	5.3
85°	30.1	27.8	25.4	22.9	20.3	17.7	16.3	14.9	13.5	12.1	10.6
82.5°	54.0	50.5	46.9	43.2	39.3	35.3	31.3	27.1	22.7	18.5	15.9
80°	77.8	73.1	68.3	63.4	58.4	52.9	47.5	41.9	35.6	29.7	24.0
77.5°	104.7	97.4	89.9	83.6	77.9	71.6	64.7	56.9	48.5	40.8	33.4
75°	134.2	125.4	116.3	107.4	98.9	90.3	82.4	73.3	62.7	51.9	42.7
72.5°	164.6	154.5	143.5	132.3	122.1	111.7	101.0	89.5	77.3	65.0	52.5
70°	196.8	184.2	172.0	159.3	146.2	133.1	120.7	106.9	91.8	77.9	63.8
67.5°	230.1	215.2	200.5	186.1	171.3	156.1	140.6	124.4	107.6	90.6	74.9
65°	264.2	246.6	228.7	212.6	196.1	179.1	161.7	142.0	123.1	104.4	85.9
62.5°	299.0	278.6	258.8	239.2	220.5	201.7	182.2	160.1	138.5	118.0	97.4
60°	334.0	310.6	288.2	266.4	244.9	223.9	202.0	177.7	154.2	131.3	109.1
57.5°	367.5	341.7	316.3	292.5	269.1	245.9	221.3	195.1	169.3	144.5	120.4
55°	400.1	373.7	343.9	316.8	292.0	267.3	240.0	212.3	184.0	157.3	131.5
52.5°	428.8	402.6	371.6	340.6	312.8	287.0	257.8	228.9	199.0	169.5	142.2
50°	454.8	428.2	397.2	364.5	332.9	304.2	274.8	244.3	213.5	181.6	152.6
47.5°	477.3	451.8	421.1	386.9	353.1	320.8	290.3	258.8	227.4	194.0	162.6
45°	497.7	474.5	444.1	409.0	372.0	337.6	304.8	272.6	239.7	206.0	172.2
42.5°	516.6	494.2	466.4	430.6	391.1	353.7	318.7	285.2	251.3	217.3	181.8
40°	533.8	511.3	487.2	450.8	409.3	368.8	332.4	297.2	262.2	227.7	191.1
37.5°	550.8	527.5	502.5	469.6	426.3	384.3	345.1	308.5	272.6	237.0	199.8
35°	568.3	543.3	516.0	484.4	442.5	398.5	356.8	319.1	282.5	245.7	208.0
32.5°	585.0	557.5	528.4	496.9	457.7	411.4	368.2	329.4	291.7	253.8	215.5
30°	601.5	569.2	539.4	509.7	470.9	424.1	379.4	339.0	300.2	261.3	222.3
27.5°	614.0	579.3	549.0	519.7	482.0	435.8	390.3	347.8	308.1	268.3	228.3
25°	625.2	589.1	557.3	527.6	492.9	447.9	400.2	355.9	315.3	274.6	233.8
22.5°	636.5	597.5	564.2	534.4	503.3	458.8	409.7	364.0	321.8	280.3	238.8
20°	646.2	604.4	569.9	540.6	510.2	467.3	418.5	371.1	327.5	285.4	243.2
17.5°	654.5	611.3	575.9	545.7	514.9	474.5	426.2	377.4	332.5	289.8	247.0
15°	663.0	618.6	581.0	549.6	519.0	480.4	432.8	382.8	336.7	293.5	250.5
12.5°	670.2	623.9	585.0	552.4	522.5	485.0	438.3	387.1	340.2	297.0	253.8
10°	675.9	627.4	587.8	554.2	525.2	488.3	442.5	391.2	344.3	300.1	256.5
7.5°	679.8	629.2	589.4	554.9	527.1	491.3	446.7	395.7	348.0	302.5	258.7
5°	682.5	630.0	590.4	556.6	528.2	494.1	449.7	399.2	350.9	304.3	260.2
2.5°	685.7	630.3	590.5	557.9	528.3	495.7	451.4	401.7	353.1	305.3	261.1
0°	686.8	629.2	589.3	558.3	527.3	496.3	452.0	403.2	354.5	305.7	261.4
-2.5°	685.7	630.3	590.5	557.9	528.3	495.7	451.4	401.7	353.1	305.3	261.1
-5°	682.5	630.0	590.4	556.6	528.2	494.1	449.7	399.2	350.9	304.3	260.2
-7.5°	679.8	629.2	589.4	554.9	527.1	491.3	446.7	395.7	348.0	302.5	258.7
-10°	675.9	627.4	587.8	554.2	525.2	488.3	442.5	391.2	344.3	300.1	256.5
-12.5°	670.2	623.9	585.0	552.4	522.5	485.0	438.3	387.1	340.2	297.0	253.8
-15°	663.0	618.6	581.0	549.6	519.0	480.4	432.8	382.8	336.7	293.5	250.5
-17.5°	654.5	611.3	575.9	545.7	514.9	474.5	426.2	377.4	332.5	289.8	247.0
-20°	646.2	604.4	569.9	540.6	510.2	467.3	418.5	371.1	327.5	285.4	243.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627215 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	636.5	597.5	564.2	534.4	503.3	458.8	409.7	364.0	321.8	280.3	238.8
-25°	625.2	589.1	557.3	527.6	492.9	447.9	400.2	355.9	315.3	274.6	233.8
-27.5°	614.0	579.3	549.0	519.7	482.0	435.8	390.3	347.8	308.1	268.3	228.3
-30°	601.5	569.2	539.4	509.7	470.9	424.1	379.4	339.0	300.2	261.3	222.3
-32.5°	585.0	557.5	528.4	496.9	457.7	411.4	368.2	329.4	291.7	253.8	215.5
-35°	568.3	543.3	516.0	484.4	442.5	398.5	356.8	319.1	282.5	245.7	208.0
-37.5°	550.8	527.5	502.5	469.6	426.3	384.3	345.1	308.5	272.6	237.0	199.8
-40°	533.8	511.3	487.2	450.8	409.3	368.8	332.4	297.2	262.2	227.7	191.1
-42.5°	516.6	494.2	466.4	430.6	391.1	353.7	318.7	285.2	251.3	217.3	181.8
-45°	497.7	474.5	444.1	409.0	372.0	337.6	304.8	272.6	239.7	206.0	172.2
-47.5°	477.3	451.8	421.1	386.9	353.1	320.8	290.3	258.8	227.4	194.0	162.6
-50°	454.8	428.2	397.2	364.5	332.9	304.2	274.8	244.3	213.5	181.6	152.6
-52.5°	428.8	402.6	371.6	340.6	312.8	287.0	257.8	228.9	199.0	169.5	142.2
-55°	400.1	373.7	343.9	316.8	292.0	267.3	240.0	212.3	184.0	157.3	131.5
-57.5°	367.5	341.7	316.3	292.5	269.1	245.9	221.3	195.1	169.3	144.5	120.4
-60°	334.0	310.6	288.2	266.4	244.9	223.9	202.0	177.7	154.2	131.3	109.1
-62.5°	299.0	278.6	258.8	239.2	220.5	201.7	182.2	160.1	138.5	118.0	97.4
-65°	264.2	246.6	228.7	212.6	196.1	179.1	161.7	142.0	123.1	104.4	85.9
-67.5°	230.1	215.2	200.5	186.1	171.3	156.1	140.6	124.4	107.6	90.6	74.9
-70°	196.8	184.2	172.0	159.3	146.2	133.1	120.7	106.9	91.8	77.9	63.8
-72.5°	164.6	154.5	143.5	132.3	122.1	111.7	101.0	89.5	77.3	65.0	52.5
-75°	134.2	125.4	116.3	107.4	98.9	90.3	82.4	73.3	62.7	51.9	42.7
-77.5°	104.7	97.4	89.9	83.6	77.9	71.6	64.7	56.9	48.5	40.8	33.4
-80°	77.8	73.1	68.3	63.4	58.4	52.9	47.5	41.9	35.6	29.7	24.0
-82.5°	54.0	50.5	46.9	43.2	39.3	35.3	31.3	27.1	22.7	18.5	15.9
-85°	30.1	27.8	25.4	22.9	20.3	17.7	16.3	14.9	13.5	12.1	10.6
-87.5°	12.0	11.4	10.8	10.2	9.5	8.8	8.2	7.5	6.8	6.1	5.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report



REPORT NUMBER: P627215 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-735-U-MR-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°	4.6	3.8	3.1	2.3	1.5	0.8	0.0
85°	9.2	7.7	6.1	4.6	3.1	1.5	0.0
82.5°	13.7	11.5	9.2	6.9	4.6	2.3	0.0
80°	18.6	15.2	12.2	9.2	6.1	3.1	0.0
77.5°	26.5	20.0	15.2	11.5	7.7	3.8	0.0
75°	34.3	26.5	18.6	13.7	9.2	4.6	0.0
72.5°	42.1	33.0	23.8	15.9	10.6	5.3	0.0
70°	50.0	39.3	28.9	18.4	12.1	6.1	0.0
67.5°	59.6	45.6	33.9	22.2	13.5	6.8	0.0
65°	69.1	52.7	38.9	25.9	14.9	7.5	0.0
62.5°	78.4	60.4	43.7	29.5	16.3	8.2	0.0
60°	87.6	68.1	48.5	33.1	17.7	8.8	0.0
57.5°	97.2	75.5	54.3	36.6	20.0	9.5	0.0
55°	106.5	82.7	60.1	39.9	22.2	10.2	0.0
52.5°	115.5	89.8	65.7	43.2	24.4	10.8	0.0
50°	124.2	96.9	71.2	46.4	26.5	11.4	0.0
47.5°	132.5	103.8	76.4	49.6	28.6	12.0	0.0
45°	140.7	110.3	81.5	53.4	30.5	12.5	0.0
42.5°	148.5	116.5	86.3	57.0	32.4	13.0	0.0
40°	156.0	122.3	90.9	60.4	34.2	13.6	0.0
37.5°	163.1	127.8	95.4	63.6	35.9	14.0	0.0
35°	169.8	133.3	99.5	66.6	37.5	14.5	0.0
32.5°	176.2	138.5	103.4	69.3	39.0	14.9	0.0
30°	182.2	143.3	106.9	71.8	40.4	15.3	0.0
27.5°	187.7	147.8	110.2	74.1	41.7	15.7	0.0
25°	192.6	151.9	113.2	76.2	42.9	16.0	0.0
22.5°	197.0	155.6	115.9	78.0	44.0	16.4	0.0
20°	200.9	158.8	118.5	79.6	45.0	16.6	0.0
17.5°	204.4	161.6	120.7	81.0	45.8	16.9	0.0
15°	207.7	163.9	122.7	82.1	46.6	17.1	0.0
12.5°	210.4	165.7	124.4	83.0	47.2	17.3	0.0
10°	212.8	167.1	125.9	83.7	47.8	17.4	0.0
7.5°	214.6	168.1	127.0	84.1	48.2	17.5	0.0
5°	216.0	168.6	127.8	84.4	48.5	17.6	0.0
2.5°	216.8	168.7	128.3	84.4	48.6	17.7	0.0
0°	217.1	168.4	128.5	84.2	48.7	17.7	0.0
-2.5°	216.8	168.7	128.3	84.4	48.6	17.7	0.0
-5°	216.0	168.6	127.8	84.4	48.5	17.6	0.0
-7.5°	214.6	168.1	127.0	84.1	48.2	17.5	0.0
-10°	212.8	167.1	125.9	83.7	47.8	17.4	0.0
-12.5°	210.4	165.7	124.4	83.0	47.2	17.3	0.0
-15°	207.7	163.9	122.7	82.1	46.6	17.1	0.0
-17.5°	204.4	161.6	120.7	81.0	45.8	16.9	0.0
-20°	200.9	158.8	118.5	79.6	45.0	16.6	0.0

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CATALOG NUMBER: GFLD-SA3D-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	197.0	155.6	115.9	78.0	44.0	16.4	0.0
-25°	192.6	151.9	113.2	76.2	42.9	16.0	0.0
-27.5°	187.7	147.8	110.2	74.1	41.7	15.7	0.0
-30°	182.2	143.3	106.9	71.8	40.4	15.3	0.0
-32.5°	176.2	138.5	103.4	69.3	39.0	14.9	0.0
-35°	169.8	133.3	99.5	66.6	37.5	14.5	0.0
-37.5°	163.1	127.8	95.4	63.6	35.9	14.0	0.0
-40°	156.0	122.3	90.9	60.4	34.2	13.6	0.0
-42.5°	148.5	116.5	86.3	57.0	32.4	13.0	0.0
-45°	140.7	110.3	81.5	53.4	30.5	12.5	0.0
-47.5°	132.5	103.8	76.4	49.6	28.6	12.0	0.0
-50°	124.2	96.9	71.2	46.4	26.5	11.4	0.0
-52.5°	115.5	89.8	65.7	43.2	24.4	10.8	0.0
-55°	106.5	82.7	60.1	39.9	22.2	10.2	0.0
-57.5°	97.2	75.5	54.3	36.6	20.0	9.5	0.0
-60°	87.6	68.1	48.5	33.1	17.7	8.8	0.0
-62.5°	78.4	60.4	43.7	29.5	16.3	8.2	0.0
-65°	69.1	52.7	38.9	25.9	14.9	7.5	0.0
-67.5°	59.6	45.6	33.9	22.2	13.5	6.8	0.0
-70°	50.0	39.3	28.9	18.4	12.1	6.1	0.0
-72.5°	42.1	33.0	23.8	15.9	10.6	5.3	0.0
-75°	34.3	26.5	18.6	13.7	9.2	4.6	0.0
-77.5°	26.5	20.0	15.2	11.5	7.7	3.8	0.0
-80°	18.6	15.2	12.2	9.2	6.1	3.1	0.0
-82.5°	13.7	11.5	9.2	6.9	4.6	2.3	0.0
-85°	9.2	7.7	6.1	4.6	3.1	1.5	0.0
-87.5°	4.6	3.8	3.1	2.3	1.5	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)