

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: P627575 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-735-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627575 (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-SA5B-735-U-MR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N118
Light Source: (80) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

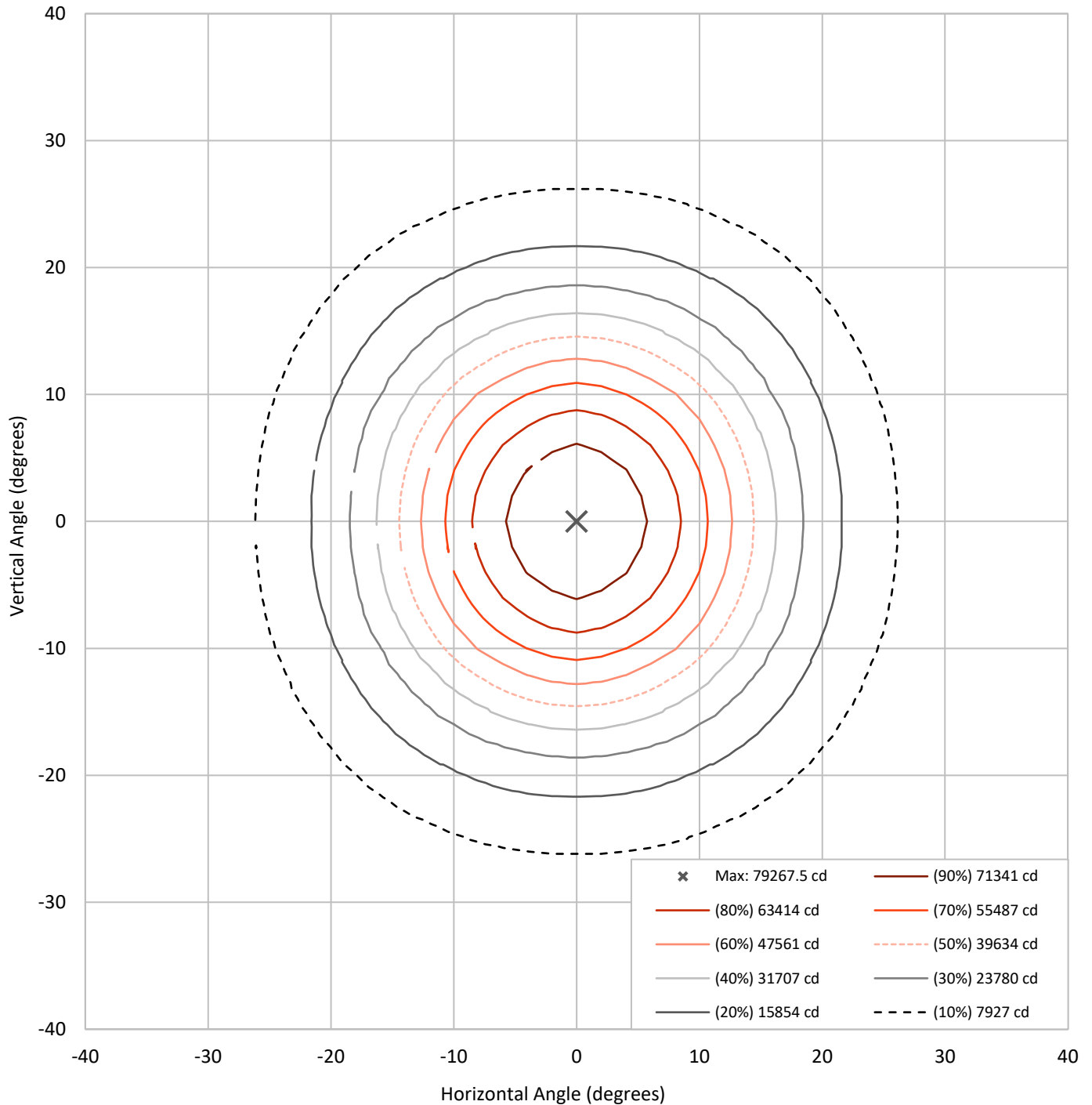
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	24765.9 lumens	Max Intensity:	79267.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	156.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	12040.8 lumens	Field Lumens:	20320 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	158.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





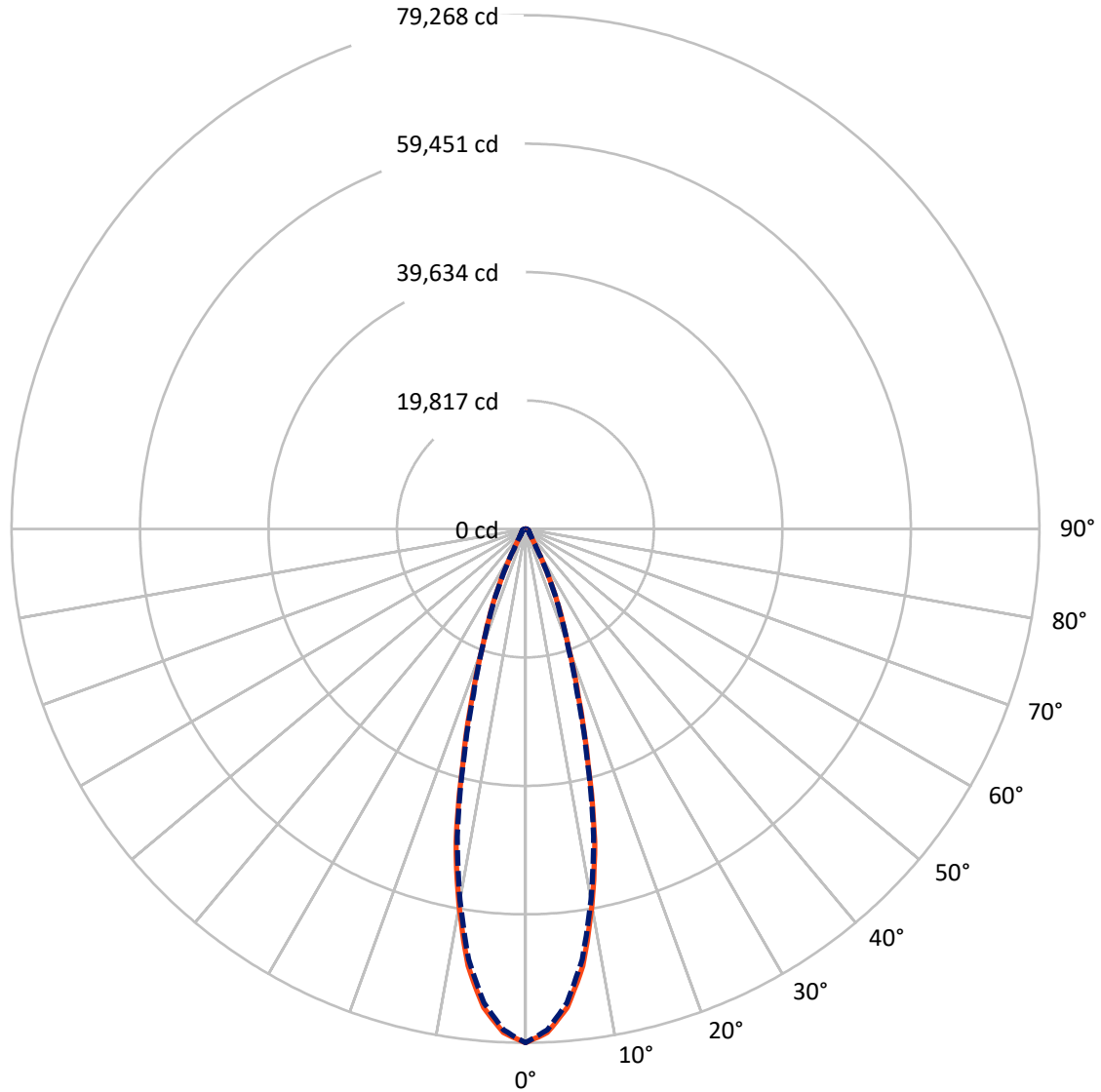
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Lumen Table

90																			
80	0.5	4.1		10.8		17.0		18.9		17.0		10.8		4.1		0.5			
70																			
60	1.9	2.1	4.3	7.0	9.8	12.0	13.4	14.1	14.1	13.4	12.0	9.8	7.0	4.3	2.1	1.9			
50		3.2	6.4	10.3	13.8	17.0	19.1	19.8	19.8	19.1	17.0	13.8	10.3	6.4	3.2				
40	3.3	4.1	8.2	12.7	17.0	21.5	25.2	27.1	27.1	25.2	21.5	17.0	12.7	8.2	4.1	3.3			
30		4.8	9.6	14.7	20.8	29.7	42.9	55.8	55.8	42.9	29.7	20.8	14.7	9.6	4.8				
20	4.2	5.4	10.5	16.6	26.6	57.9	163.0	289.1	289.1	163.0	57.9	26.6	16.6	10.5	5.4	4.2			
10		5.8	11.1	18.0	36.3	152.0	541.7	1038.1	1038.1	541.7	152.0	36.3	18.0	11.1	5.8				
0	4.5	6.0	11.2	19.0	46.1	262.4	1002.7	1972.4	1972.4	1002.7	262.4	46.1	19.0	11.2	6.0	4.5			
-10		6.0	11.2	19.0	46.1	262.4	1002.7	1972.4	1972.4	1002.7	262.4	46.1	19.0	11.2	6.0				
-20	4.2	5.8	11.1	18.0	36.3	152.0	541.7	1038.1	1038.1	541.7	152.0	36.3	18.0	11.1	5.8	4.2			
-30		5.4	10.5	16.6	26.6	57.9	163.0	289.1	289.1	163.0	57.9	26.6	16.6	10.5	5.4				
-40	3.3	4.8	9.6	14.7	20.8	29.7	42.9	55.8	55.8	42.9	29.7	20.8	14.7	9.6	4.8	3.3			
-50		4.1	8.2	12.7	17.0	21.5	25.2	27.1	27.1	25.2	21.5	17.0	12.7	8.2	4.1				
-60	1.9	3.2	6.4	10.3	13.8	17.0	19.1	19.8	19.8	19.1	17.0	13.8	10.3	6.4	3.2	1.9			
-70		2.1	4.3	7.0	9.8	12.0	13.4	14.1	14.1	13.4	12.0	9.8	7.0	4.3	2.1				
-80																			
-90	0.5	4.1		10.8		17.0		18.9		17.0		10.8		4.1		0.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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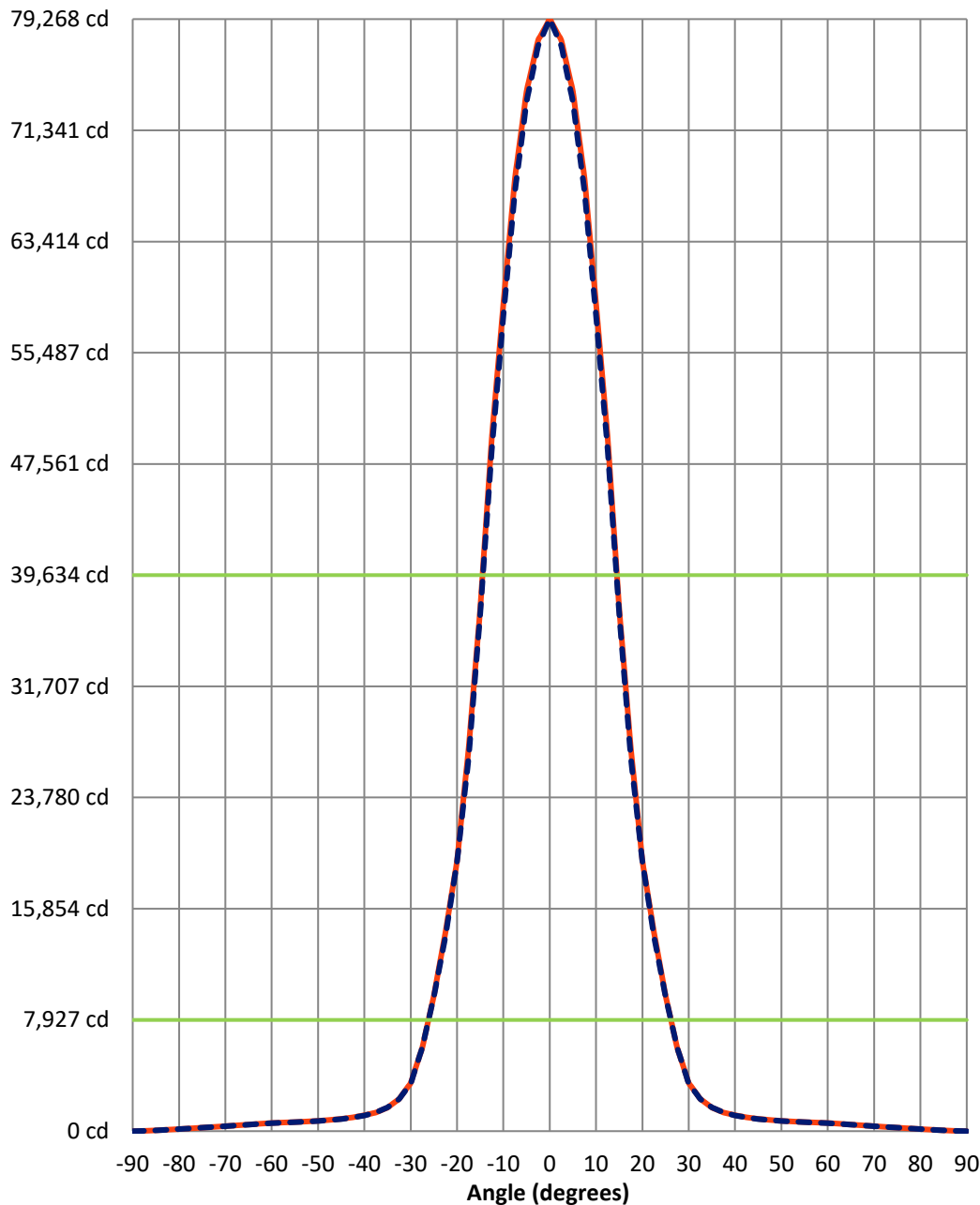
Luminous Intensity Polar Plot



— 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: 12040.8
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 20320
 Efficiency: 82.0%

Spill:
 Lumens: 4445.9
 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	0.9	1.8	2.7	3.5	4.4	5.3	6.1	7.0	7.8	8.6
85°	0.0	1.8	3.6	5.3	7.1	8.8	10.5	12.3	13.9	15.6	17.2
82.5°	0.0	2.7	5.3	8.0	10.6	13.2	15.8	18.4	21.3	26.1	31.2
80°	0.0	3.5	7.1	10.6	14.1	17.6	21.5	27.6	34.2	41.0	48.1
77.5°	0.0	4.4	8.8	13.2	17.6	23.0	30.5	38.5	46.9	55.7	65.4
75°	0.0	5.3	10.5	15.8	21.5	30.5	39.5	49.1	59.7	72.0	84.2
72.5°	0.0	6.1	12.3	18.4	27.4	37.9	48.4	60.3	74.7	88.8	102.7
70°	0.0	7.0	13.9	21.2	33.3	45.3	57.4	73.3	89.4	105.4	122.7
67.5°	0.0	7.8	15.6	25.6	39.1	52.5	68.5	86.1	104.1	123.5	142.8
65°	0.0	8.6	17.2	29.8	44.7	60.5	79.4	98.6	119.9	141.4	163.0
62.5°	0.0	9.4	18.8	34.0	50.3	69.5	90.1	111.9	135.5	159.0	183.8
60°	0.0	10.2	20.4	38.1	55.7	78.2	100.6	125.3	150.8	177.0	204.1
57.5°	0.0	11.0	23.0	42.1	62.5	86.7	111.6	138.3	165.9	194.4	224.1
55°	0.0	11.7	25.6	45.9	69.1	95.0	122.3	151.0	180.6	211.3	243.8
52.5°	0.0	12.4	28.1	49.7	75.6	103.2	132.7	163.3	194.7	228.5	262.9
50°	0.0	13.1	30.5	53.3	81.8	111.4	142.6	175.2	208.6	245.1	280.5
47.5°	0.0	13.8	32.9	57.1	87.8	119.2	152.1	186.7	222.8	261.1	297.2
45°	0.0	14.4	35.1	61.4	93.6	126.7	161.6	197.7	236.5	275.3	313.0
42.5°	0.0	15.0	37.3	65.6	99.2	133.8	170.6	208.7	249.6	288.6	327.5
40°	0.0	15.6	39.3	69.5	104.5	140.5	179.2	219.4	261.5	301.1	341.3
37.5°	0.0	16.2	41.3	73.1	109.6	146.8	187.3	229.5	272.1	313.1	354.2
35°	0.0	16.7	43.1	76.5	114.3	153.0	195.0	238.8	282.1	324.4	366.4
32.5°	0.0	17.2	44.8	79.7	118.8	159.0	202.3	247.4	291.4	335.0	378.3
30°	0.0	17.7	46.4	82.6	122.9	164.6	209.2	255.3	300.1	344.8	389.2
27.5°	0.0	18.1	47.9	85.2	126.6	169.7	215.5	262.2	308.1	353.8	399.4
25°	0.0	18.5	49.3	87.5	130.0	174.4	221.2	268.5	315.4	362.1	408.7
22.5°	0.0	18.8	50.6	89.6	133.2	178.7	226.2	274.2	321.9	369.5	418.0
20°	0.0	19.2	51.7	91.4	136.1	182.4	230.7	279.3	327.7	376.1	426.2
17.5°	0.0	19.5	52.7	93.0	138.7	185.5	234.7	283.6	332.8	381.9	433.4
15°	0.0	19.7	53.6	94.3	141.0	188.2	238.4	287.7	337.1	386.7	439.5
12.5°	0.0	19.9	54.3	95.3	142.9	190.3	241.6	291.5	341.1	390.7	444.6
10°	0.0	20.1	54.9	96.1	144.6	191.8	244.3	294.6	344.7	395.4	449.2
7.5°	0.0	20.2	55.4	96.6	145.9	192.9	246.5	297.1	347.5	399.6	454.3
5°	0.0	20.3	55.7	96.9	146.8	193.5	248.0	298.8	349.5	403.0	458.4
2.5°	0.0	20.4	55.9	96.9	147.4	193.6	249.0	299.8	350.7	405.5	461.2
0°	0.0	20.4	56.0	96.7	147.6	193.3	249.3	300.2	351.1	407.0	463.0
-2.5°	0.0	20.4	55.9	96.9	147.4	193.6	249.0	299.8	350.7	405.5	461.2
-5°	0.0	20.3	55.7	96.9	146.8	193.5	248.0	298.8	349.5	403.0	458.4
-7.5°	0.0	20.2	55.4	96.6	145.9	192.9	246.5	297.1	347.5	399.6	454.3
-10°	0.0	20.1	54.9	96.1	144.6	191.8	244.3	294.6	344.7	395.4	449.2
-12.5°	0.0	19.9	54.3	95.3	142.9	190.3	241.6	291.5	341.1	390.7	444.6
-15°	0.0	19.7	53.6	94.3	141.0	188.2	238.4	287.7	337.1	386.7	439.5
-17.5°	0.0	19.5	52.7	93.0	138.7	185.5	234.7	283.6	332.8	381.9	433.4
-20°	0.0	19.2	51.7	91.4	136.1	182.4	230.7	279.3	327.7	376.1	426.2

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA5B-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	18.8	50.6	89.6	133.2	178.7	226.2	274.2	321.9	369.5	418.0
-25°	0.0	18.5	49.3	87.5	130.0	174.4	221.2	268.5	315.4	362.1	408.7
-27.5°	0.0	18.1	47.9	85.2	126.6	169.7	215.5	262.2	308.1	353.8	399.4
-30°	0.0	17.7	46.4	82.6	122.9	164.6	209.2	255.3	300.1	344.8	389.2
-32.5°	0.0	17.2	44.8	79.7	118.8	159.0	202.3	247.4	291.4	335.0	378.3
-35°	0.0	16.7	43.1	76.5	114.3	153.0	195.0	238.8	282.1	324.4	366.4
-37.5°	0.0	16.2	41.3	73.1	109.6	146.8	187.3	229.5	272.1	313.1	354.2
-40°	0.0	15.6	39.3	69.5	104.5	140.5	179.2	219.4	261.5	301.1	341.3
-42.5°	0.0	15.0	37.3	65.6	99.2	133.8	170.6	208.7	249.6	288.6	327.5
-45°	0.0	14.4	35.1	61.4	93.6	126.7	161.6	197.7	236.5	275.3	313.0
-47.5°	0.0	13.8	32.9	57.1	87.8	119.2	152.1	186.7	222.8	261.1	297.2
-50°	0.0	13.1	30.5	53.3	81.8	111.4	142.6	175.2	208.6	245.1	280.5
-52.5°	0.0	12.4	28.1	49.7	75.6	103.2	132.7	163.3	194.7	228.5	262.9
-55°	0.0	11.7	25.6	45.9	69.1	95.0	122.3	151.0	180.6	211.3	243.8
-57.5°	0.0	11.0	23.0	42.1	62.5	86.7	111.6	138.3	165.9	194.4	224.1
-60°	0.0	10.2	20.4	38.1	55.7	78.2	100.6	125.3	150.8	177.0	204.1
-62.5°	0.0	9.4	18.8	34.0	50.3	69.5	90.1	111.9	135.5	159.0	183.8
-65°	0.0	8.6	17.2	29.8	44.7	60.5	79.4	98.6	119.9	141.4	163.0
-67.5°	0.0	7.8	15.6	25.6	39.1	52.5	68.5	86.1	104.1	123.5	142.8
-70°	0.0	7.0	13.9	21.2	33.3	45.3	57.4	73.3	89.4	105.4	122.7
-72.5°	0.0	6.1	12.3	18.4	27.4	37.9	48.4	60.3	74.7	88.8	102.7
-75°	0.0	5.3	10.5	15.8	21.5	30.5	39.5	49.1	59.7	72.0	84.2
-77.5°	0.0	4.4	8.8	13.2	17.6	23.0	30.5	38.5	46.9	55.7	65.4
-80°	0.0	3.5	7.1	10.6	14.1	17.6	21.5	27.6	34.2	41.0	48.1
-82.5°	0.0	2.7	5.3	8.0	10.6	13.2	15.8	18.4	21.3	26.1	31.2
-85°	0.0	1.8	3.6	5.3	7.1	8.8	10.5	12.3	13.9	15.6	17.2
-87.5°	0.0	0.9	1.8	2.7	3.5	4.4	5.3	6.1	7.0	7.8	8.6
-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°	9.4	10.2	11.0	11.7	12.4	13.1	13.8	14.4	15.0	15.6	16.2
85°	18.8	20.4	23.4	26.3	29.2	32.0	34.7	37.2	39.7	42.0	44.2
82.5°	36.0	40.6	45.2	49.6	53.9	58.1	62.1	65.9	69.6	73.1	76.5
80°	54.6	60.8	67.1	72.8	78.5	84.0	89.4	94.5	99.4	104.7	110.3
77.5°	74.3	82.2	89.5	96.1	103.2	111.9	120.3	128.3	136.0	143.3	150.3
75°	94.6	103.7	113.6	123.4	133.6	144.0	154.1	163.8	173.3	183.0	192.7
72.5°	116.0	128.3	140.2	151.9	164.7	177.4	189.0	199.6	211.6	224.7	236.8
70°	138.6	152.8	167.9	182.9	197.5	211.6	225.9	240.4	255.0	269.2	282.8
67.5°	161.3	179.2	196.7	213.7	230.3	247.1	264.2	281.7	298.5	314.5	330.2
65°	185.6	205.6	225.1	244.2	262.6	283.2	303.4	322.9	344.2	364.0	381.2
62.5°	209.2	231.6	253.2	274.7	297.1	319.9	343.3	367.8	393.2	411.5	427.3
60°	232.0	257.2	281.2	305.9	330.9	356.6	383.6	409.7	432.8	452.8	469.4
57.5°	254.2	282.4	309.0	335.8	363.2	392.4	422.0	448.6	470.2	489.5	507.7
55°	275.6	306.9	335.2	363.7	394.8	429.1	459.4	483.5	505.6	521.5	538.9
52.5°	296.0	329.5	359.2	391.1	426.7	462.2	492.4	515.8	534.4	550.9	567.8
50°	315.6	349.3	382.2	418.5	456.0	491.7	522.3	543.8	562.4	579.6	595.9
47.5°	333.3	368.3	405.5	444.3	483.6	518.8	548.1	570.0	589.4	607.0	624.9
45°	350.0	387.6	427.2	469.7	509.9	544.8	571.5	595.0	613.6	633.4	656.0
42.5°	366.0	406.2	449.1	494.4	535.5	567.4	593.3	615.8	637.3	661.1	686.2
40°	381.7	423.5	470.0	517.6	559.4	587.1	613.0	636.9	661.6	688.7	716.1
37.5°	396.3	441.3	489.5	539.2	577.1	605.8	632.5	659.2	686.9	716.1	750.1
35°	409.7	457.6	508.2	556.2	592.5	623.9	652.5	681.5	712.5	748.2	785.7
32.5°	422.8	472.4	525.6	570.6	606.7	640.2	671.8	704.5	740.1	779.3	822.2
30°	435.7	487.0	540.8	585.2	619.3	653.6	690.7	727.1	766.7	810.2	860.5
27.5°	448.2	500.5	553.5	596.7	630.4	665.2	705.0	749.3	792.6	840.2	898.6
25°	459.6	514.4	566.0	605.8	639.9	676.4	718.0	765.2	816.0	872.6	944.2
22.5°	470.5	526.9	577.9	613.6	647.9	686.2	730.9	780.8	836.0	901.7	989.1
20°	480.6	536.6	585.8	620.8	654.4	694.0	742.1	794.6	857.6	937.3	1041.7
17.5°	489.4	544.9	591.2	626.6	661.3	702.1	751.6	806.2	877.1	968.6	1092.3
15°	497.0	551.6	596.0	631.1	667.2	710.3	761.3	820.8	898.5	999.4	1135.9
12.5°	503.2	556.9	600.0	634.4	671.7	716.5	769.6	835.0	919.9	1032.9	1194.8
10°	508.1	560.7	603.1	636.4	674.9	720.5	776.1	846.0	937.1	1060.9	1245.2
7.5°	512.9	564.1	605.3	637.2	676.8	722.5	780.7	853.8	949.8	1082.0	1285.4
5°	516.3	567.3	606.6	639.1	678.0	723.4	783.8	858.3	957.7	1095.9	1313.8
2.5°	518.3	569.3	606.6	640.6	678.0	723.8	787.4	860.8	966.5	1107.6	1330.0
0°	519.0	569.9	605.5	641.1	676.7	722.5	788.7	859.9	971.8	1114.3	1333.1
-2.5°	518.3	569.3	606.6	640.6	678.0	723.8	787.4	860.8	966.5	1107.6	1330.0
-5°	516.3	567.3	606.6	639.1	678.0	723.4	783.8	858.3	957.7	1095.9	1313.8
-7.5°	512.9	564.1	605.3	637.2	676.8	722.5	780.7	853.8	949.8	1082.0	1285.4
-10°	508.1	560.7	603.1	636.4	674.9	720.5	776.1	846.0	937.1	1060.9	1245.2
-12.5°	503.2	556.9	600.0	634.4	671.7	716.5	769.6	835.0	919.9	1032.9	1194.8
-15°	497.0	551.6	596.0	631.1	667.2	710.3	761.3	820.8	898.5	999.4	1135.9
-17.5°	489.4	544.9	591.2	626.6	661.3	702.1	751.6	806.2	877.1	968.6	1092.3
-20°	480.6	536.6	585.8	620.8	654.4	694.0	742.1	794.6	857.6	937.3	1041.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627575 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	470.5	526.9	577.9	613.6	647.9	686.2	730.9	780.8	836.0	901.7	989.1
-25°	459.6	514.4	566.0	605.8	639.9	676.4	718.0	765.2	816.0	872.6	944.2
-27.5°	448.2	500.5	553.5	596.7	630.4	665.2	705.0	749.3	792.6	840.2	898.6
-30°	435.7	487.0	540.8	585.2	619.3	653.6	690.7	727.1	766.7	810.2	860.5
-32.5°	422.8	472.4	525.6	570.6	606.7	640.2	671.8	704.5	740.1	779.3	822.2
-35°	409.7	457.6	508.2	556.2	592.5	623.9	652.5	681.5	712.5	748.2	785.7
-37.5°	396.3	441.3	489.5	539.2	577.1	605.8	632.5	659.2	686.9	716.1	750.1
-40°	381.7	423.5	470.0	517.6	559.4	587.1	613.0	636.9	661.6	688.7	716.1
-42.5°	366.0	406.2	449.1	494.4	535.5	567.4	593.3	615.8	637.3	661.1	686.2
-45°	350.0	387.6	427.2	469.7	509.9	544.8	571.5	595.0	613.6	633.4	656.0
-47.5°	333.3	368.3	405.5	444.3	483.6	518.8	548.1	570.0	589.4	607.0	624.9
-50°	315.6	349.3	382.2	418.5	456.0	491.7	522.3	543.8	562.4	579.6	595.9
-52.5°	296.0	329.5	359.2	391.1	426.7	462.2	492.4	515.8	534.4	550.9	567.8
-55°	275.6	306.9	335.2	363.7	394.8	429.1	459.4	483.5	505.6	521.5	538.9
-57.5°	254.2	282.4	309.0	335.8	363.2	392.4	422.0	448.6	470.2	489.5	507.7
-60°	232.0	257.2	281.2	305.9	330.9	356.6	383.6	409.7	432.8	452.8	469.4
-62.5°	209.2	231.6	253.2	274.7	297.1	319.9	343.3	367.8	393.2	411.5	427.3
-65°	185.6	205.6	225.1	244.2	262.6	283.2	303.4	322.9	344.2	364.0	381.2
-67.5°	161.3	179.2	196.7	213.7	230.3	247.1	264.2	281.7	298.5	314.5	330.2
-70°	138.6	152.8	167.9	182.9	197.5	211.6	225.9	240.4	255.0	269.2	282.8
-72.5°	116.0	128.3	140.2	151.9	164.7	177.4	189.0	199.6	211.6	224.7	236.8
-75°	94.6	103.7	113.6	123.4	133.6	144.0	154.1	163.8	173.3	183.0	192.7
-77.5°	74.3	82.2	89.5	96.1	103.2	111.9	120.3	128.3	136.0	143.3	150.3
-80°	54.6	60.8	67.1	72.8	78.5	84.0	89.4	94.5	99.4	104.7	110.3
-82.5°	36.0	40.6	45.2	49.6	53.9	58.1	62.1	65.9	69.6	73.1	76.5
-85°	18.8	20.4	23.4	26.3	29.2	32.0	34.7	37.2	39.7	42.0	44.2
-87.5°	9.4	10.2	11.0	11.7	12.4	13.1	13.8	14.4	15.0	15.6	16.2
-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: P627575 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	16.7	17.2	17.7	18.1	18.5	18.8	19.2	19.5	19.7	19.9	20.1
85°	46.4	48.3	50.2	51.9	53.5	53.8	54.0	53.9	53.6	54.3	54.9
82.5°	79.6	83.2	86.8	90.4	93.9	95.2	96.1	96.8	97.2	98.5	99.7
80°	115.6	121.2	126.4	131.1	135.3	138.2	140.9	143.4	145.6	146.7	147.2
77.5°	157.3	164.2	170.6	176.5	182.0	186.4	189.9	192.7	194.8	196.3	197.1
75°	202.4	211.0	218.7	225.9	232.5	237.1	240.3	242.7	244.2	245.9	247.3
72.5°	247.8	257.7	266.8	275.5	283.0	288.4	292.1	295.1	297.3	299.0	299.9
70°	295.6	307.4	317.5	326.1	332.9	338.1	342.1	345.3	347.8	349.5	350.4
67.5°	345.1	357.7	367.1	374.7	380.8	386.2	391.2	394.9	397.3	399.8	402.3
65°	395.5	408.3	418.0	426.0	432.5	439.4	445.8	450.6	453.7	456.6	459.6
62.5°	442.9	457.5	468.6	479.1	489.7	499.7	505.5	510.0	513.2	516.1	519.4
60°	486.0	502.4	516.1	528.8	541.8	554.8	560.2	564.4	568.4	572.1	575.4
57.5°	524.2	541.7	558.4	570.9	583.3	595.5	603.9	608.5	611.6	613.3	614.7
55°	557.5	575.0	591.6	606.1	619.5	632.0	641.4	645.9	649.2	651.3	652.6
52.5°	587.3	606.0	623.8	639.8	654.4	667.8	679.5	685.7	690.7	694.3	695.4
50°	616.6	636.8	656.1	673.2	690.1	706.3	721.1	729.7	735.8	739.5	740.7
47.5°	647.2	669.1	689.9	709.9	729.1	748.2	765.8	777.5	786.2	792.6	797.2
45°	679.0	702.6	725.7	749.2	771.3	795.9	818.2	835.2	847.9	858.9	867.6
42.5°	711.0	737.6	764.1	794.3	824.4	852.5	879.0	901.7	922.4	942.6	958.4
40°	745.9	774.9	811.1	847.0	884.2	916.8	955.5	990.1	1021.9	1056.2	1084.7
37.5°	784.0	821.3	864.2	907.2	955.5	1002.4	1056.4	1109.6	1155.9	1216.0	1264.2
35°	825.4	872.7	923.4	981.1	1043.4	1116.9	1192.6	1281.3	1356.5	1452.1	1540.3
32.5°	871.6	927.3	992.9	1072.3	1156.4	1274.5	1385.2	1535.6	1664.2	1830.0	2011.1
30°	918.7	990.5	1079.9	1182.3	1324.6	1492.2	1687.6	1941.8	2216.7	2501.2	2884.1
27.5°	974.3	1067.6	1179.3	1337.4	1550.2	1782.2	2180.3	2610.1	3209.0	3683.1	4527.4
25°	1034.3	1149.8	1314.7	1543.9	1838.0	2307.5	2979.5	3757.6	4955.9	6021.7	7246.6
22.5°	1105.4	1262.3	1480.5	1780.7	2293.4	3101.2	4150.0	5747.9	7524.3	9277.5	10879.9
20°	1180.6	1370.1	1675.3	2164.3	2956.6	4124.6	5996.0	8279.3	10637.5	13040.1	15064.9
17.5°	1268.5	1525.8	1927.8	2577.2	3707.6	5707.4	8206.9	11110.3	14191.2	17257.1	19920.2
15°	1344.0	1661.9	2203.3	3175.9	4861.6	7362.9	10435.0	14101.9	17976.2	21955.1	26267.5
12.5°	1440.3	1825.9	2487.0	3670.9	5885.4	9136.6	12895.6	17152.9	21883.9	27166.9	33889.8
10°	1528.7	1997.9	2860.3	4464.0	7116.2	10793.5	15021.0	19851.1	25987.6	33926.6	42036.1
7.5°	1599.5	2134.4	3149.8	5082.9	8148.3	12208.9	16934.8	22725.7	30381.6	39835.1	49100.7
5°	1648.7	2228.9	3357.0	5550.5	8978.6	13290.6	18292.9	24844.9	34085.2	44671.5	54132.3
2.5°	1679.6	2280.7	3458.4	5828.1	9520.2	13941.6	19140.2	26191.6	36355.2	47750.2	57328.9
0°	1694.3	2289.6	3393.8	5963.3	9596.2	13895.6	19217.7	26641.3	36893.8	48586.3	58126.4
-2.5°	1679.6	2280.7	3458.4	5828.1	9520.2	13941.6	19140.2	26191.6	36355.2	47750.2	57328.9
-5°	1648.7	2228.9	3357.0	5550.5	8978.6	13290.6	18292.9	24844.9	34085.2	44671.5	54132.3
-7.5°	1599.5	2134.4	3149.8	5082.9	8148.3	12208.9	16934.8	22725.7	30381.6	39835.1	49100.7
-10°	1528.7	1997.9	2860.3	4464.0	7116.2	10793.5	15021.0	19851.1	25987.6	33926.6	42036.1
-12.5°	1440.3	1825.9	2487.0	3670.9	5885.4	9136.6	12895.6	17152.9	21883.9	27166.9	33889.8
-15°	1344.0	1661.9	2203.3	3175.9	4861.6	7362.9	10435.0	14101.9	17976.2	21955.1	26267.5
-17.5°	1268.5	1525.8	1927.8	2577.2	3707.6	5707.4	8206.9	11110.3	14191.2	17257.1	19920.2
-20°	1180.6	1370.1	1675.3	2164.3	2956.6	4124.6	5996.0	8279.3	10637.5	13040.1	15064.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627575 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	1105.4	1262.3	1480.5	1780.7	2293.4	3101.2	4150.0	5747.9	7524.3	9277.5	10879.9
-25°	1034.3	1149.8	1314.7	1543.9	1838.0	2307.5	2979.5	3757.6	4955.9	6021.7	7246.6
-27.5°	974.3	1067.6	1179.3	1337.4	1550.2	1782.2	2180.3	2610.1	3209.0	3683.1	4527.4
-30°	918.7	990.5	1079.9	1182.3	1324.6	1492.2	1687.6	1941.8	2216.7	2501.2	2884.1
-32.5°	871.6	927.3	992.9	1072.3	1156.4	1274.5	1385.2	1535.6	1664.2	1830.0	2011.1
-35°	825.4	872.7	923.4	981.1	1043.4	1116.9	1192.6	1281.3	1356.5	1452.1	1540.3
-37.5°	784.0	821.3	864.2	907.2	955.5	1002.4	1056.4	1109.6	1155.9	1216.0	1264.2
-40°	745.9	774.9	811.1	847.0	884.2	916.8	955.5	990.1	1021.9	1056.2	1084.7
-42.5°	711.0	737.6	764.1	794.3	824.4	852.5	879.0	901.7	922.4	942.6	958.4
-45°	679.0	702.6	725.7	749.2	771.3	795.9	818.2	835.2	847.9	858.9	867.6
-47.5°	647.2	669.1	689.9	709.9	729.1	748.2	765.8	777.5	786.2	792.6	797.2
-50°	616.6	636.8	656.1	673.2	690.1	706.3	721.1	729.7	735.8	739.5	740.7
-52.5°	587.3	606.0	623.8	639.8	654.4	667.8	679.5	685.7	690.7	694.3	695.4
-55°	557.5	575.0	591.6	606.1	619.5	632.0	641.4	645.9	649.2	651.3	652.6
-57.5°	524.2	541.7	558.4	570.9	583.3	595.5	603.9	608.5	611.6	613.3	614.7
-60°	486.0	502.4	516.1	528.8	541.8	554.8	560.2	564.4	568.4	572.1	575.4
-62.5°	442.9	457.5	468.6	479.1	489.7	499.7	505.5	510.0	513.2	516.1	519.4
-65°	395.5	408.3	418.0	426.0	432.5	439.4	445.8	450.6	453.7	456.6	459.6
-67.5°	345.1	357.7	367.1	374.7	380.8	386.2	391.2	394.9	397.3	399.8	402.3
-70°	295.6	307.4	317.5	326.1	332.9	338.1	342.1	345.3	347.8	349.5	350.4
-72.5°	247.8	257.7	266.8	275.5	283.0	288.4	292.1	295.1	297.3	299.0	299.9
-75°	202.4	211.0	218.7	225.9	232.5	237.1	240.3	242.7	244.2	245.9	247.3
-77.5°	157.3	164.2	170.6	176.5	182.0	186.4	189.9	192.7	194.8	196.3	197.1
-80°	115.6	121.2	126.4	131.1	135.3	138.2	140.9	143.4	145.6	146.7	147.2
-82.5°	79.6	83.2	86.8	90.4	93.9	95.2	96.1	96.8	97.2	98.5	99.7
-85°	46.4	48.3	50.2	51.9	53.5	53.8	54.0	53.9	53.6	54.3	54.9
-87.5°	16.7	17.2	17.7	18.1	18.5	18.8	19.2	19.5	19.7	19.9	20.1
-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: P627575 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	20.2	20.3	20.4	20.4	20.4	20.3	20.2	20.1	19.9	19.7	19.5
85°	55.4	55.7	55.9	56.0	55.9	55.7	55.4	54.9	54.3	53.6	53.9
82.5°	100.6	101.3	101.7	101.8	101.7	101.3	100.6	99.7	98.5	97.2	96.8
80°	147.3	146.9	147.4	147.6	147.4	146.9	147.3	147.2	146.7	145.6	143.4
77.5°	197.6	197.5	198.2	198.4	198.2	197.5	197.6	197.1	196.3	194.8	192.7
75°	248.0	248.2	249.0	249.3	249.0	248.2	248.0	247.3	245.9	244.2	242.7
72.5°	299.9	299.0	299.8	300.2	299.8	299.0	299.9	299.9	299.0	297.3	295.1
70°	350.5	349.8	353.1	356.2	353.1	349.8	350.5	350.4	349.5	347.8	345.3
67.5°	404.2	405.2	408.8	412.1	408.8	405.2	404.2	402.3	399.8	397.3	394.9
65°	461.1	461.2	464.7	468.1	464.7	461.2	461.1	459.6	456.6	453.7	450.6
62.5°	521.4	522.0	525.6	529.2	525.6	522.0	521.4	519.4	516.1	513.2	510.0
60°	577.4	578.0	579.3	580.0	579.3	578.0	577.4	575.4	572.1	568.4	564.4
57.5°	615.2	614.7	615.2	615.7	615.2	614.7	615.2	614.7	613.3	611.6	608.5
55°	652.4	650.8	648.8	646.2	648.8	650.8	652.4	652.6	651.3	649.2	645.9
52.5°	694.5	691.9	689.4	686.9	689.4	691.9	694.5	695.4	694.3	690.7	685.7
50°	739.9	737.5	735.2	732.7	735.2	737.5	739.9	740.7	739.5	735.8	729.7
47.5°	800.4	801.4	800.9	798.8	800.9	801.4	800.4	797.2	792.6	786.2	777.5
45°	873.8	876.7	877.1	875.2	877.1	876.7	873.8	867.6	858.9	847.9	835.2
42.5°	969.5	976.0	979.5	982.0	979.5	976.0	969.5	958.4	942.6	922.4	901.7
40°	1105.3	1118.5	1126.9	1134.6	1126.9	1118.5	1105.3	1084.7	1056.2	1021.9	990.1
37.5°	1300.0	1323.9	1334.6	1328.0	1334.6	1323.9	1300.0	1264.2	1216.0	1155.9	1109.6
35°	1608.2	1653.5	1677.1	1679.1	1677.1	1653.5	1608.2	1540.3	1452.1	1356.5	1281.3
32.5°	2144.9	2237.8	2287.7	2294.7	2287.7	2237.8	2144.9	2011.1	1830.0	1664.2	1535.6
30°	3177.3	3366.6	3455.6	3434.5	3455.6	3366.6	3177.3	2884.1	2501.2	2216.7	1941.8
27.5°	5183.8	5656.0	5935.9	5958.2	5935.9	5656.0	5183.8	4527.4	3683.1	3209.0	2610.1
25°	8331.5	9137.7	9654.0	9662.3	9654.0	9137.7	8331.5	7246.6	6021.7	4955.9	3757.6
22.5°	12361.6	13462.1	14065.1	14170.4	14065.1	13462.1	12361.6	10879.9	9277.5	7524.3	5747.9
20°	17030.6	18494.6	19277.9	19278.8	19277.9	18494.6	17030.6	15064.9	13040.1	10637.5	8279.3
17.5°	22780.7	25157.9	26650.2	27292.6	26650.2	25157.9	22780.7	19920.2	17257.1	14191.2	11110.3
15°	30419.9	34414.6	36808.4	37239.8	36808.4	34414.6	30419.9	26267.5	21955.1	17976.2	14101.9
12.5°	39721.4	44776.9	48175.2	49420.7	48175.2	44776.9	39721.4	33889.8	27166.9	21883.9	17152.9
10°	49433.0	54117.2	57757.8	58981.2	57757.8	54117.2	49433.0	42036.1	33926.6	25987.6	19851.1
7.5°	56448.8	62034.5	66135.4	67936.3	66135.4	62034.5	56448.8	49100.7	39835.1	30381.6	22725.7
5°	61987.1	68596.4	72413.9	74108.2	72413.9	68596.4	61987.1	54132.3	44671.5	34085.2	24844.9
2.5°	65621.0	72151.5	76194.1	77756.3	76194.1	72151.5	65621.0	57328.9	47750.2	36355.2	26191.6
0°	66979.7	73365.3	77359.5	79267.5	77359.5	73365.3	66979.7	58126.4	48586.3	36893.8	26641.3
-2.5°	65621.0	72151.5	76194.1	77756.3	76194.1	72151.5	65621.0	57328.9	47750.2	36355.2	26191.6
-5°	61987.1	68596.4	72413.9	74108.2	72413.9	68596.4	61987.1	54132.3	44671.5	34085.2	24844.9
-7.5°	56448.8	62034.5	66135.4	67936.3	66135.4	62034.5	56448.8	49100.7	39835.1	30381.6	22725.7
-10°	49433.0	54117.2	57757.8	58981.2	57757.8	54117.2	49433.0	42036.1	33926.6	25987.6	19851.1
-12.5°	39721.4	44776.9	48175.2	49420.7	48175.2	44776.9	39721.4	33889.8	27166.9	21883.9	17152.9
-15°	30419.9	34414.6	36808.4	37239.8	36808.4	34414.6	30419.9	26267.5	21955.1	17976.2	14101.9
-17.5°	22780.7	25157.9	26650.2	27292.6	26650.2	25157.9	22780.7	19920.2	17257.1	14191.2	11110.3
-20°	17030.6	18494.6	19277.9	19278.8	19277.9	18494.6	17030.6	15064.9	13040.1	10637.5	8279.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627575 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	12361.6	13462.1	14065.1	14170.4	14065.1	13462.1	12361.6	10879.9	9277.5	7524.3	5747.9
-25°	8331.5	9137.7	9654.0	9662.3	9654.0	9137.7	8331.5	7246.6	6021.7	4955.9	3757.6
-27.5°	5183.8	5656.0	5935.9	5958.2	5935.9	5656.0	5183.8	4527.4	3683.1	3209.0	2610.1
-30°	3177.3	3366.6	3455.6	3434.5	3455.6	3366.6	3177.3	2884.1	2501.2	2216.7	1941.8
-32.5°	2144.9	2237.8	2287.7	2294.7	2287.7	2237.8	2144.9	2011.1	1830.0	1664.2	1535.6
-35°	1608.2	1653.5	1677.1	1679.1	1677.1	1653.5	1608.2	1540.3	1452.1	1356.5	1281.3
-37.5°	1300.0	1323.9	1334.6	1328.0	1334.6	1323.9	1300.0	1264.2	1216.0	1155.9	1109.6
-40°	1105.3	1118.5	1126.9	1134.6	1126.9	1118.5	1105.3	1084.7	1056.2	1021.9	990.1
-42.5°	969.5	976.0	979.5	982.0	979.5	976.0	969.5	958.4	942.6	922.4	901.7
-45°	873.8	876.7	877.1	875.2	877.1	876.7	873.8	867.6	858.9	847.9	835.2
-47.5°	800.4	801.4	800.9	798.8	800.9	801.4	800.4	797.2	792.6	786.2	777.5
-50°	739.9	737.5	735.2	732.7	735.2	737.5	739.9	740.7	739.5	735.8	729.7
-52.5°	694.5	691.9	689.4	686.9	689.4	691.9	694.5	695.4	694.3	690.7	685.7
-55°	652.4	650.8	648.8	646.2	648.8	650.8	652.4	652.6	651.3	649.2	645.9
-57.5°	615.2	614.7	615.2	615.7	615.2	614.7	615.2	614.7	613.3	611.6	608.5
-60°	577.4	578.0	579.3	580.0	579.3	578.0	577.4	575.4	572.1	568.4	564.4
-62.5°	521.4	522.0	525.6	529.2	525.6	522.0	521.4	519.4	516.1	513.2	510.0
-65°	461.1	461.2	464.7	468.1	464.7	461.2	461.1	459.6	456.6	453.7	450.6
-67.5°	404.2	405.2	408.8	412.1	408.8	405.2	404.2	402.3	399.8	397.3	394.9
-70°	350.5	349.8	353.1	356.2	353.1	349.8	350.5	350.4	349.5	347.8	345.3
-72.5°	299.9	299.0	299.8	300.2	299.8	299.0	299.9	299.9	299.0	297.3	295.1
-75°	248.0	248.2	249.0	249.3	249.0	248.2	248.0	247.3	245.9	244.2	242.7
-77.5°	197.6	197.5	198.2	198.4	198.2	197.5	197.6	197.1	196.3	194.8	192.7
-80°	147.3	146.9	147.4	147.6	147.4	146.9	147.3	147.2	146.7	145.6	143.4
-82.5°	100.6	101.3	101.7	101.8	101.7	101.3	100.6	99.7	98.5	97.2	96.8
-85°	55.4	55.7	55.9	56.0	55.9	55.7	55.4	54.9	54.3	53.6	53.9
-87.5°	20.2	20.3	20.4	20.4	20.4	20.3	20.2	20.1	19.9	19.7	19.5
-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: P627575 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	19.2	18.8	18.5	18.1	17.7	17.2	16.7	16.2	15.6	15.0	14.4
85°	54.0	53.8	53.5	51.9	50.2	48.3	46.4	44.2	42.0	39.7	37.2
82.5°	96.1	95.2	93.9	90.4	86.8	83.2	79.6	76.5	73.1	69.6	65.9
80°	140.9	138.2	135.3	131.1	126.4	121.2	115.6	110.3	104.7	99.4	94.5
77.5°	189.9	186.4	182.0	176.5	170.6	164.2	157.3	150.3	143.3	136.0	128.3
75°	240.3	237.1	232.5	225.9	218.7	211.0	202.4	192.7	183.0	173.3	163.8
72.5°	292.1	288.4	283.0	275.5	266.8	257.7	247.8	236.8	224.7	211.6	199.6
70°	342.1	338.1	332.9	326.1	317.5	307.4	295.6	282.8	269.2	255.0	240.4
67.5°	391.2	386.2	380.8	374.7	367.1	357.7	345.1	330.2	314.5	298.5	281.7
65°	445.8	439.4	432.5	426.0	418.0	408.3	395.5	381.2	364.0	344.2	322.9
62.5°	505.5	499.7	489.7	479.1	468.6	457.5	442.9	427.3	411.5	393.2	367.8
60°	560.2	554.8	541.8	528.8	516.1	502.4	486.0	469.4	452.8	432.8	409.7
57.5°	603.9	595.5	583.3	570.9	558.4	541.7	524.2	507.7	489.5	470.2	448.6
55°	641.4	632.0	619.5	606.1	591.6	575.0	557.5	538.9	521.5	505.6	483.5
52.5°	679.5	667.8	654.4	639.8	623.8	606.0	587.3	567.8	550.9	534.4	515.8
50°	721.1	706.3	690.1	673.2	656.1	636.8	616.6	595.9	579.6	562.4	543.8
47.5°	765.8	748.2	729.1	709.9	689.9	669.1	647.2	624.9	607.0	589.4	570.0
45°	818.2	795.9	771.3	749.2	725.7	702.6	679.0	656.0	633.4	613.6	595.0
42.5°	879.0	852.5	824.4	794.3	764.1	737.6	711.0	686.2	661.1	637.3	615.8
40°	955.5	916.8	884.2	847.0	811.1	774.9	745.9	716.1	688.7	661.6	636.9
37.5°	1056.4	1002.4	955.5	907.2	864.2	821.3	784.0	750.1	716.1	686.9	659.2
35°	1192.6	1116.9	1043.4	981.1	923.4	872.7	825.4	785.7	748.2	712.5	681.5
32.5°	1385.2	1274.5	1156.4	1072.3	992.9	927.3	871.6	822.2	779.3	740.1	704.5
30°	1687.6	1492.2	1324.6	1182.3	1079.9	990.5	918.7	860.5	810.2	766.7	727.1
27.5°	2180.3	1782.2	1550.2	1337.4	1179.3	1067.6	974.3	898.6	840.2	792.6	749.3
25°	2979.5	2307.5	1838.0	1543.9	1314.7	1149.8	1034.3	944.2	872.6	816.0	765.2
22.5°	4150.0	3101.2	2293.4	1780.7	1480.5	1262.3	1105.4	989.1	901.7	836.0	780.8
20°	5996.0	4124.6	2956.6	2164.3	1675.3	1370.1	1180.6	1041.7	937.3	857.6	794.6
17.5°	8206.9	5707.4	3707.6	2577.2	1927.8	1525.8	1268.5	1092.3	968.6	877.1	806.2
15°	10435.0	7362.9	4861.6	3175.9	2203.3	1661.9	1344.0	1135.9	999.4	898.5	820.8
12.5°	12895.6	9136.6	5885.4	3670.9	2487.0	1825.9	1440.3	1194.8	1032.9	919.9	835.0
10°	15021.0	10793.5	7116.2	4464.0	2860.3	1997.9	1528.7	1245.2	1060.9	937.1	846.0
7.5°	16934.8	12208.9	8148.3	5082.9	3149.8	2134.4	1599.5	1285.4	1082.0	949.8	853.8
5°	18292.9	13290.6	8978.6	5550.5	3357.0	2228.9	1648.7	1313.8	1095.9	957.7	858.3
2.5°	19140.2	13941.6	9520.2	5828.1	3458.4	2280.7	1679.6	1330.0	1107.6	966.5	860.8
0°	19217.7	13895.6	9596.2	5963.3	3393.8	2289.6	1694.3	1333.1	1114.3	971.8	859.9
-2.5°	19140.2	13941.6	9520.2	5828.1	3458.4	2280.7	1679.6	1330.0	1107.6	966.5	860.8
-5°	18292.9	13290.6	8978.6	5550.5	3357.0	2228.9	1648.7	1313.8	1095.9	957.7	858.3
-7.5°	16934.8	12208.9	8148.3	5082.9	3149.8	2134.4	1599.5	1285.4	1082.0	949.8	853.8
-10°	15021.0	10793.5	7116.2	4464.0	2860.3	1997.9	1528.7	1245.2	1060.9	937.1	846.0
-12.5°	12895.6	9136.6	5885.4	3670.9	2487.0	1825.9	1440.3	1194.8	1032.9	919.9	835.0
-15°	10435.0	7362.9	4861.6	3175.9	2203.3	1661.9	1344.0	1135.9	999.4	898.5	820.8
-17.5°	8206.9	5707.4	3707.6	2577.2	1927.8	1525.8	1268.5	1092.3	968.6	877.1	806.2
-20°	5996.0	4124.6	2956.6	2164.3	1675.3	1370.1	1180.6	1041.7	937.3	857.6	794.6



REPORT NUMBER: P627575 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	4150.0	3101.2	2293.4	1780.7	1480.5	1262.3	1105.4	989.1	901.7	836.0	780.8
-25°	2979.5	2307.5	1838.0	1543.9	1314.7	1149.8	1034.3	944.2	872.6	816.0	765.2
-27.5°	2180.3	1782.2	1550.2	1337.4	1179.3	1067.6	974.3	898.6	840.2	792.6	749.3
-30°	1687.6	1492.2	1324.6	1182.3	1079.9	990.5	918.7	860.5	810.2	766.7	727.1
-32.5°	1385.2	1274.5	1156.4	1072.3	992.9	927.3	871.6	822.2	779.3	740.1	704.5
-35°	1192.6	1116.9	1043.4	981.1	923.4	872.7	825.4	785.7	748.2	712.5	681.5
-37.5°	1056.4	1002.4	955.5	907.2	864.2	821.3	784.0	750.1	716.1	686.9	659.2
-40°	955.5	916.8	884.2	847.0	811.1	774.9	745.9	716.1	688.7	661.6	636.9
-42.5°	879.0	852.5	824.4	794.3	764.1	737.6	711.0	686.2	661.1	637.3	615.8
-45°	818.2	795.9	771.3	749.2	725.7	702.6	679.0	656.0	633.4	613.6	595.0
-47.5°	765.8	748.2	729.1	709.9	689.9	669.1	647.2	624.9	607.0	589.4	570.0
-50°	721.1	706.3	690.1	673.2	656.1	636.8	616.6	595.9	579.6	562.4	543.8
-52.5°	679.5	667.8	654.4	639.8	623.8	606.0	587.3	567.8	550.9	534.4	515.8
-55°	641.4	632.0	619.5	606.1	591.6	575.0	557.5	538.9	521.5	505.6	483.5
-57.5°	603.9	595.5	583.3	570.9	558.4	541.7	524.2	507.7	489.5	470.2	448.6
-60°	560.2	554.8	541.8	528.8	516.1	502.4	486.0	469.4	452.8	432.8	409.7
-62.5°	505.5	499.7	489.7	479.1	468.6	457.5	442.9	427.3	411.5	393.2	367.8
-65°	445.8	439.4	432.5	426.0	418.0	408.3	395.5	381.2	364.0	344.2	322.9
-67.5°	391.2	386.2	380.8	374.7	367.1	357.7	345.1	330.2	314.5	298.5	281.7
-70°	342.1	338.1	332.9	326.1	317.5	307.4	295.6	282.8	269.2	255.0	240.4
-72.5°	292.1	288.4	283.0	275.5	266.8	257.7	247.8	236.8	224.7	211.6	199.6
-75°	240.3	237.1	232.5	225.9	218.7	211.0	202.4	192.7	183.0	173.3	163.8
-77.5°	189.9	186.4	182.0	176.5	170.6	164.2	157.3	150.3	143.3	136.0	128.3
-80°	140.9	138.2	135.3	131.1	126.4	121.2	115.6	110.3	104.7	99.4	94.5
-82.5°	96.1	95.2	93.9	90.4	86.8	83.2	79.6	76.5	73.1	69.6	65.9
-85°	54.0	53.8	53.5	51.9	50.2	48.3	46.4	44.2	42.0	39.7	37.2
-87.5°	19.2	18.8	18.5	18.1	17.7	17.2	16.7	16.2	15.6	15.0	14.4
-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: P627575 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5B-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°	13.8	13.1	12.4	11.7	11.0	10.2	9.4	8.6	7.8	7.0	6.1
85°	34.7	32.0	29.2	26.3	23.4	20.4	18.8	17.2	15.6	13.9	12.3
82.5°	62.1	58.1	53.9	49.6	45.2	40.6	36.0	31.2	26.1	21.3	18.4
80°	89.4	84.0	78.5	72.8	67.1	60.8	54.6	48.1	41.0	34.2	27.6
77.5°	120.3	111.9	103.2	96.1	89.5	82.2	74.3	65.4	55.7	46.9	38.5
75°	154.1	144.0	133.6	123.4	113.6	103.7	94.6	84.2	72.0	59.7	49.1
72.5°	189.0	177.4	164.7	151.9	140.2	128.3	116.0	102.7	88.8	74.7	60.3
70°	225.9	211.6	197.5	182.9	167.9	152.8	138.6	122.7	105.4	89.4	73.3
67.5°	264.2	247.1	230.3	213.7	196.7	179.2	161.3	142.8	123.5	104.1	86.1
65°	303.4	283.2	262.6	244.2	225.1	205.6	185.6	163.0	141.4	119.9	98.6
62.5°	343.3	319.9	297.1	274.7	253.2	231.6	209.2	183.8	159.0	135.5	111.9
60°	383.6	356.6	330.9	305.9	281.2	257.2	232.0	204.1	177.0	150.8	125.3
57.5°	422.0	392.4	363.2	335.8	309.0	282.4	254.2	224.1	194.4	165.9	138.3
55°	459.4	429.1	394.8	363.7	335.2	306.9	275.6	243.8	211.3	180.6	151.0
52.5°	492.4	462.2	426.7	391.1	359.2	329.5	296.0	262.9	228.5	194.7	163.3
50°	522.3	491.7	456.0	418.5	382.2	349.3	315.6	280.5	245.1	208.6	175.2
47.5°	548.1	518.8	483.6	444.3	405.5	368.3	333.3	297.2	261.1	222.8	186.7
45°	571.5	544.8	509.9	469.7	427.2	387.6	350.0	313.0	275.3	236.5	197.7
42.5°	593.3	567.4	535.5	494.4	449.1	406.2	366.0	327.5	288.6	249.6	208.7
40°	613.0	587.1	559.4	517.6	470.0	423.5	381.7	341.3	301.1	261.5	219.4
37.5°	632.5	605.8	577.1	539.2	489.5	441.3	396.3	354.2	313.1	272.1	229.5
35°	652.5	623.9	592.5	556.2	508.2	457.6	409.7	366.4	324.4	282.1	238.8
32.5°	671.8	640.2	606.7	570.6	525.6	472.4	422.8	378.3	335.0	291.4	247.4
30°	690.7	653.6	619.3	585.2	540.8	487.0	435.7	389.2	344.8	300.1	255.3
27.5°	705.0	665.2	630.4	596.7	553.5	500.5	448.2	399.4	353.8	308.1	262.2
25°	718.0	676.4	639.9	605.8	566.0	514.4	459.6	408.7	362.1	315.4	268.5
22.5°	730.9	686.2	647.9	613.6	577.9	526.9	470.5	418.0	369.5	321.9	274.2
20°	742.1	694.0	654.4	620.8	585.8	536.6	480.6	426.2	376.1	327.7	279.3
17.5°	751.6	702.1	661.3	626.6	591.2	544.9	489.4	433.4	381.9	332.8	283.6
15°	761.3	710.3	667.2	631.1	596.0	551.6	497.0	439.5	386.7	337.1	287.7
12.5°	769.6	716.5	671.7	634.4	600.0	556.9	503.2	444.6	390.7	341.1	291.5
10°	776.1	720.5	674.9	636.4	603.1	560.7	508.1	449.2	395.4	344.7	294.6
7.5°	780.7	722.5	676.8	637.2	605.3	564.1	512.9	454.3	399.6	347.5	297.1
5°	783.8	723.4	678.0	639.1	606.6	567.3	516.3	458.4	403.0	349.5	298.8
2.5°	787.4	723.8	678.0	640.6	606.6	569.3	518.3	461.2	405.5	350.7	299.8
0°	788.7	722.5	676.7	641.1	605.5	569.9	519.0	463.0	407.0	351.1	300.2
-2.5°	787.4	723.8	678.0	640.6	606.6	569.3	518.3	461.2	405.5	350.7	299.8
-5°	783.8	723.4	678.0	639.1	606.6	567.3	516.3	458.4	403.0	349.5	298.8
-7.5°	780.7	722.5	676.8	637.2	605.3	564.1	512.9	454.3	399.6	347.5	297.1
-10°	776.1	720.5	674.9	636.4	603.1	560.7	508.1	449.2	395.4	344.7	294.6
-12.5°	769.6	716.5	671.7	634.4	600.0	556.9	503.2	444.6	390.7	341.1	291.5
-15°	761.3	710.3	667.2	631.1	596.0	551.6	497.0	439.5	386.7	337.1	287.7
-17.5°	751.6	702.1	661.3	626.6	591.2	544.9	489.4	433.4	381.9	332.8	283.6
-20°	742.1	694.0	654.4	620.8	585.8	536.6	480.6	426.2	376.1	327.7	279.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627575 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	730.9	686.2	647.9	613.6	577.9	526.9	470.5	418.0	369.5	321.9	274.2
-25°	718.0	676.4	639.9	605.8	566.0	514.4	459.6	408.7	362.1	315.4	268.5
-27.5°	705.0	665.2	630.4	596.7	553.5	500.5	448.2	399.4	353.8	308.1	262.2
-30°	690.7	653.6	619.3	585.2	540.8	487.0	435.7	389.2	344.8	300.1	255.3
-32.5°	671.8	640.2	606.7	570.6	525.6	472.4	422.8	378.3	335.0	291.4	247.4
-35°	652.5	623.9	592.5	556.2	508.2	457.6	409.7	366.4	324.4	282.1	238.8
-37.5°	632.5	605.8	577.1	539.2	489.5	441.3	396.3	354.2	313.1	272.1	229.5
-40°	613.0	587.1	559.4	517.6	470.0	423.5	381.7	341.3	301.1	261.5	219.4
-42.5°	593.3	567.4	535.5	494.4	449.1	406.2	366.0	327.5	288.6	249.6	208.7
-45°	571.5	544.8	509.9	469.7	427.2	387.6	350.0	313.0	275.3	236.5	197.7
-47.5°	548.1	518.8	483.6	444.3	405.5	368.3	333.3	297.2	261.1	222.8	186.7
-50°	522.3	491.7	456.0	418.5	382.2	349.3	315.6	280.5	245.1	208.6	175.2
-52.5°	492.4	462.2	426.7	391.1	359.2	329.5	296.0	262.9	228.5	194.7	163.3
-55°	459.4	429.1	394.8	363.7	335.2	306.9	275.6	243.8	211.3	180.6	151.0
-57.5°	422.0	392.4	363.2	335.8	309.0	282.4	254.2	224.1	194.4	165.9	138.3
-60°	383.6	356.6	330.9	305.9	281.2	257.2	232.0	204.1	177.0	150.8	125.3
-62.5°	343.3	319.9	297.1	274.7	253.2	231.6	209.2	183.8	159.0	135.5	111.9
-65°	303.4	283.2	262.6	244.2	225.1	205.6	185.6	163.0	141.4	119.9	98.6
-67.5°	264.2	247.1	230.3	213.7	196.7	179.2	161.3	142.8	123.5	104.1	86.1
-70°	225.9	211.6	197.5	182.9	167.9	152.8	138.6	122.7	105.4	89.4	73.3
-72.5°	189.0	177.4	164.7	151.9	140.2	128.3	116.0	102.7	88.8	74.7	60.3
-75°	154.1	144.0	133.6	123.4	113.6	103.7	94.6	84.2	72.0	59.7	49.1
-77.5°	120.3	111.9	103.2	96.1	89.5	82.2	74.3	65.4	55.7	46.9	38.5
-80°	89.4	84.0	78.5	72.8	67.1	60.8	54.6	48.1	41.0	34.2	27.6
-82.5°	62.1	58.1	53.9	49.6	45.2	40.6	36.0	31.2	26.1	21.3	18.4
-85°	34.7	32.0	29.2	26.3	23.4	20.4	18.8	17.2	15.6	13.9	12.3
-87.5°	13.8	13.1	12.4	11.7	11.0	10.2	9.4	8.6	7.8	7.0	6.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report



REPORT NUMBER: P627575 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-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°	5.3	4.4	3.5	2.7	1.8	0.9	0.0
85°	10.5	8.8	7.1	5.3	3.6	1.8	0.0
82.5°	15.8	13.2	10.6	8.0	5.3	2.7	0.0
80°	21.5	17.6	14.1	10.6	7.1	3.5	0.0
77.5°	30.5	23.0	17.6	13.2	8.8	4.4	0.0
75°	39.5	30.5	21.5	15.8	10.5	5.3	0.0
72.5°	48.4	37.9	27.4	18.4	12.3	6.1	0.0
70°	57.4	45.3	33.3	21.2	13.9	7.0	0.0
67.5°	68.5	52.5	39.1	25.6	15.6	7.8	0.0
65°	79.4	60.5	44.7	29.8	17.2	8.6	0.0
62.5°	90.1	69.5	50.3	34.0	18.8	9.4	0.0
60°	100.6	78.2	55.7	38.1	20.4	10.2	0.0
57.5°	111.6	86.7	62.5	42.1	23.0	11.0	0.0
55°	122.3	95.0	69.1	45.9	25.6	11.7	0.0
52.5°	132.7	103.2	75.6	49.7	28.1	12.4	0.0
50°	142.6	111.4	81.8	53.3	30.5	13.1	0.0
47.5°	152.1	119.2	87.8	57.1	32.9	13.8	0.0
45°	161.6	126.7	93.6	61.4	35.1	14.4	0.0
42.5°	170.6	133.8	99.2	65.6	37.3	15.0	0.0
40°	179.2	140.5	104.5	69.5	39.3	15.6	0.0
37.5°	187.3	146.8	109.6	73.1	41.3	16.2	0.0
35°	195.0	153.0	114.3	76.5	43.1	16.7	0.0
32.5°	202.3	159.0	118.8	79.7	44.8	17.2	0.0
30°	209.2	164.6	122.9	82.6	46.4	17.7	0.0
27.5°	215.5	169.7	126.6	85.2	47.9	18.1	0.0
25°	221.2	174.4	130.0	87.5	49.3	18.5	0.0
22.5°	226.2	178.7	133.2	89.6	50.6	18.8	0.0
20°	230.7	182.4	136.1	91.4	51.7	19.2	0.0
17.5°	234.7	185.5	138.7	93.0	52.7	19.5	0.0
15°	238.4	188.2	141.0	94.3	53.6	19.7	0.0
12.5°	241.6	190.3	142.9	95.3	54.3	19.9	0.0
10°	244.3	191.8	144.6	96.1	54.9	20.1	0.0
7.5°	246.5	192.9	145.9	96.6	55.4	20.2	0.0
5°	248.0	193.5	146.8	96.9	55.7	20.3	0.0
2.5°	249.0	193.6	147.4	96.9	55.9	20.4	0.0
0°	249.3	193.3	147.6	96.7	56.0	20.4	0.0
-2.5°	249.0	193.6	147.4	96.9	55.9	20.4	0.0
-5°	248.0	193.5	146.8	96.9	55.7	20.3	0.0
-7.5°	246.5	192.9	145.9	96.6	55.4	20.2	0.0
-10°	244.3	191.8	144.6	96.1	54.9	20.1	0.0
-12.5°	241.6	190.3	142.9	95.3	54.3	19.9	0.0
-15°	238.4	188.2	141.0	94.3	53.6	19.7	0.0
-17.5°	234.7	185.5	138.7	93.0	52.7	19.5	0.0
-20°	230.7	182.4	136.1	91.4	51.7	19.2	0.0

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REPORT NUMBER: P627575 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5B-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	226.2	178.7	133.2	89.6	50.6	18.8	0.0
-25°	221.2	174.4	130.0	87.5	49.3	18.5	0.0
-27.5°	215.5	169.7	126.6	85.2	47.9	18.1	0.0
-30°	209.2	164.6	122.9	82.6	46.4	17.7	0.0
-32.5°	202.3	159.0	118.8	79.7	44.8	17.2	0.0
-35°	195.0	153.0	114.3	76.5	43.1	16.7	0.0
-37.5°	187.3	146.8	109.6	73.1	41.3	16.2	0.0
-40°	179.2	140.5	104.5	69.5	39.3	15.6	0.0
-42.5°	170.6	133.8	99.2	65.6	37.3	15.0	0.0
-45°	161.6	126.7	93.6	61.4	35.1	14.4	0.0
-47.5°	152.1	119.2	87.8	57.1	32.9	13.8	0.0
-50°	142.6	111.4	81.8	53.3	30.5	13.1	0.0
-52.5°	132.7	103.2	75.6	49.7	28.1	12.4	0.0
-55°	122.3	95.0	69.1	45.9	25.6	11.7	0.0
-57.5°	111.6	86.7	62.5	42.1	23.0	11.0	0.0
-60°	100.6	78.2	55.7	38.1	20.4	10.2	0.0
-62.5°	90.1	69.5	50.3	34.0	18.8	9.4	0.0
-65°	79.4	60.5	44.7	29.8	17.2	8.6	0.0
-67.5°	68.5	52.5	39.1	25.6	15.6	7.8	0.0
-70°	57.4	45.3	33.3	21.2	13.9	7.0	0.0
-72.5°	48.4	37.9	27.4	18.4	12.3	6.1	0.0
-75°	39.5	30.5	21.5	15.8	10.5	5.3	0.0
-77.5°	30.5	23.0	17.6	13.2	8.8	4.4	0.0
-80°	21.5	17.6	14.1	10.6	7.1	3.5	0.0
-82.5°	15.8	13.2	10.6	8.0	5.3	2.7	0.0
-85°	10.5	8.8	7.1	5.3	3.6	1.8	0.0
-87.5°	5.3	4.4	3.5	2.7	1.8	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)