

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: P627295 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-750-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627295 (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-SA3E-750-U-MR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N81
Light Source: (48) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

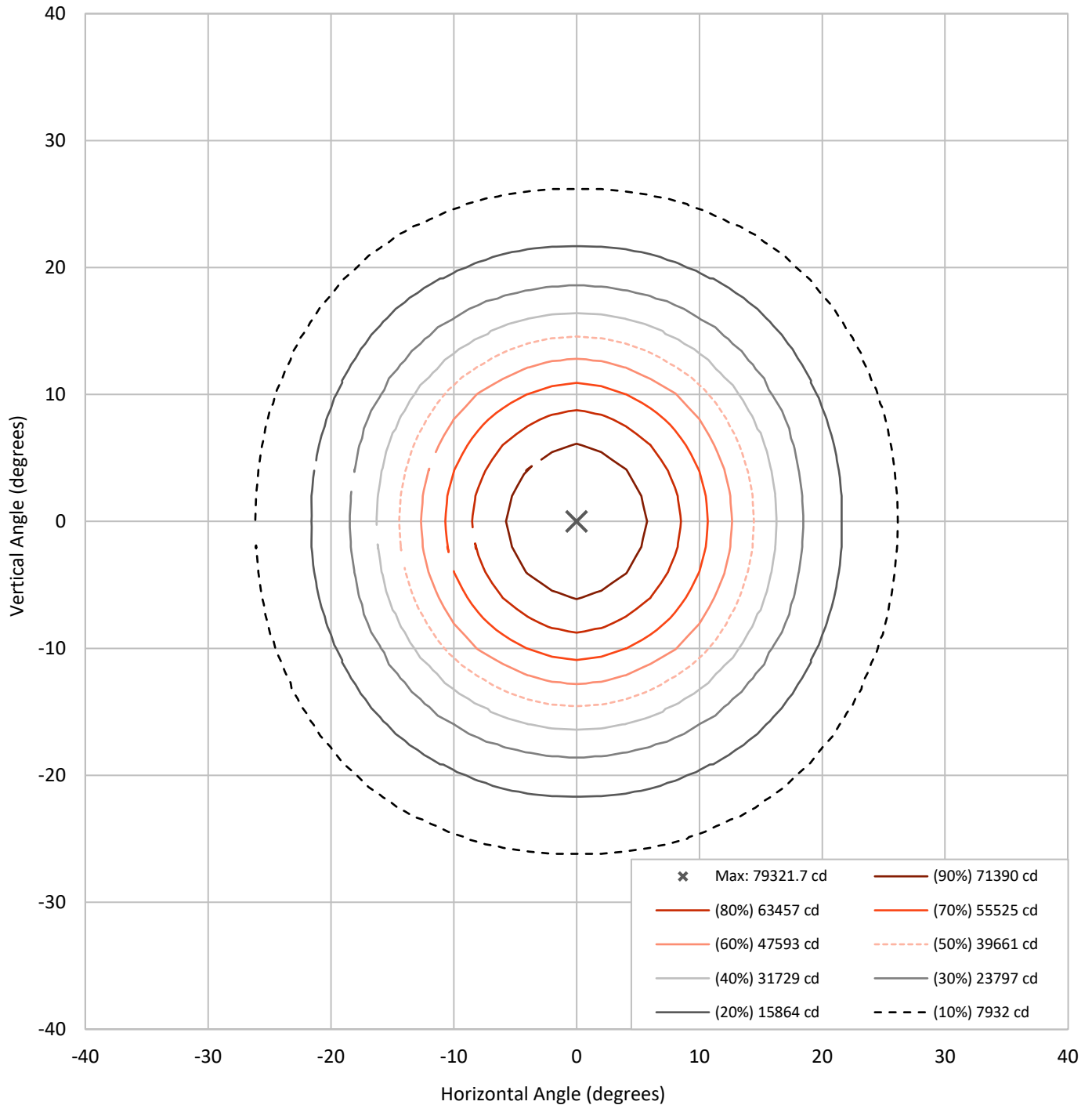
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	24782.8 lumens	Max Intensity:	79321.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	133.8 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:	12049.1 lumens	Field Lumens:	20333.9 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	185.2		
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





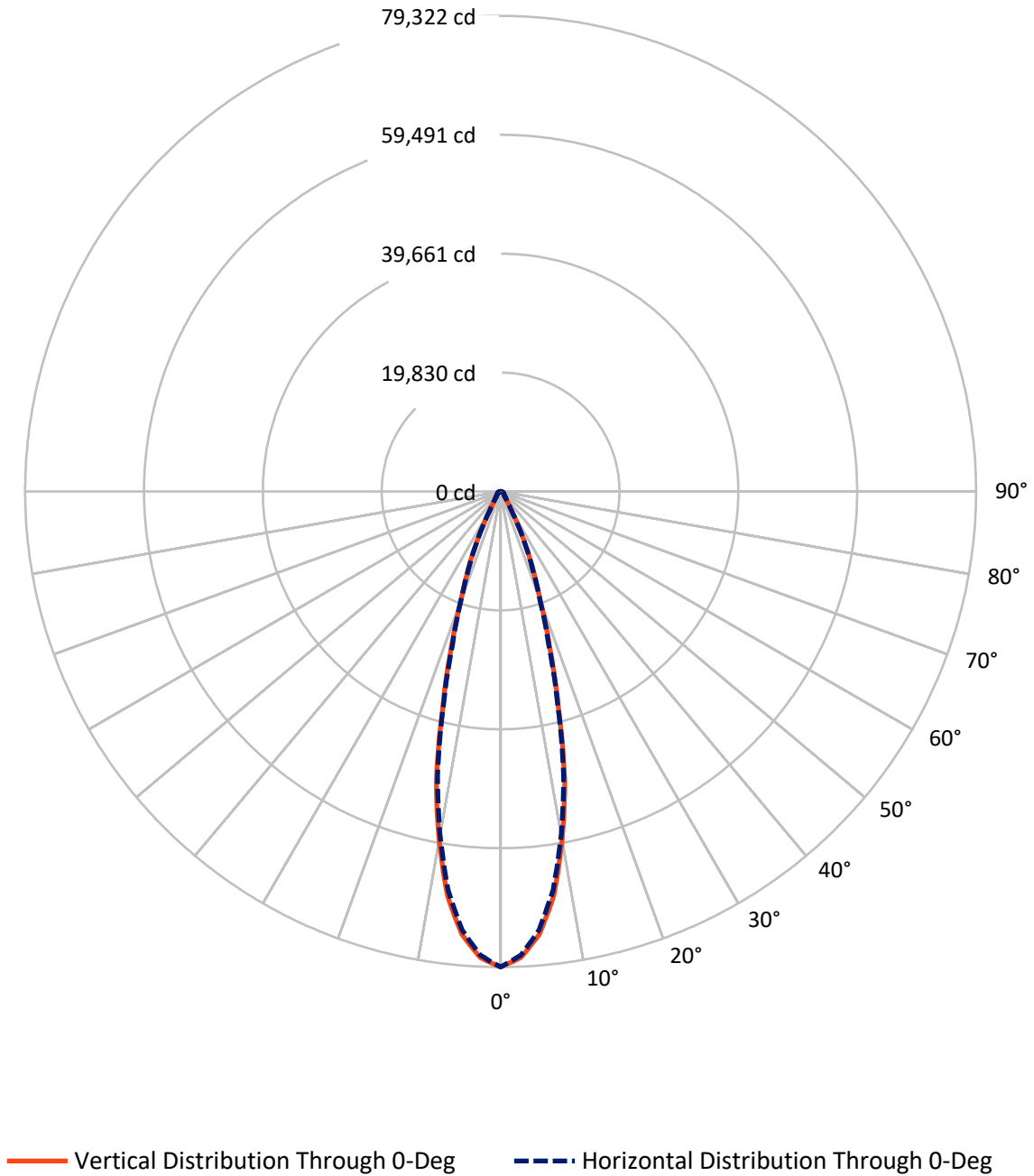
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Lumen Table

90	0.5		4.1		10.8		17.0		18.9		17.0		10.8		4.1		0.5		
80	0.5		4.1		10.8		17.0		18.9		17.0		10.8		4.1		0.5		
70	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			
60		3.2	6.4	10.3	13.9	17.0	19.1	19.8	19.8	19.1	17.0	13.9	10.3	6.4	3.2				
50	3.3	4.1	8.2	12.8	17.0	21.5	25.2	27.1	27.1	25.2	21.5	17.0	12.8	8.2	4.1	3.3			
40		4.8	9.6	14.7	20.8	29.7	43.0	55.8	55.8	43.0	29.7	20.8	14.7	9.6	4.8				
30	4.2	5.4	10.5	16.6	26.6	57.9	163.1	289.3	289.3	163.1	57.9	26.6	16.6	10.5	5.4	4.2			
20		5.8	11.1	18.0	36.3	152.1	542.1	1038.8	1038.8	542.1	152.1	36.3	18.0	11.1	5.8				
10	4.5	6.0	11.3	19.0	46.1	262.6	1003.4	1973.7	1973.7	1003.4	262.6	46.1	19.0	11.3	6.0	4.5			
0		6.0	11.3	19.0	46.1	262.6	1003.4	1973.7	1973.7	1003.4	262.6	46.1	19.0	11.3	6.0				
-10	4.2	5.8	11.1	18.0	36.3	152.1	542.1	1038.8	1038.8	542.1	152.1	36.3	18.0	11.1	5.8	4.2			
-20		5.4	10.5	16.6	26.6	57.9	163.1	289.3	289.3	163.1	57.9	26.6	16.6	10.5	5.4				
-30	3.3	4.8	9.6	14.7	20.8	29.7	43.0	55.8	55.8	43.0	29.7	20.8	14.7	9.6	4.8	3.3			
-40		4.1	8.2	12.8	17.0	21.5	25.2	27.1	27.1	25.2	21.5	17.0	12.8	8.2	4.1				
-50	1.9	3.2	6.4	10.3	13.9	17.0	19.1	19.8	19.8	19.1	17.0	13.9	10.3	6.4	3.2	1.9			
-60		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				
-70	0.5		4.1		10.8		17.0		18.9		17.0		10.8		4.1		0.5		
-80	0.5		4.1		10.8		17.0		18.9		17.0		10.8		4.1		0.5		
-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

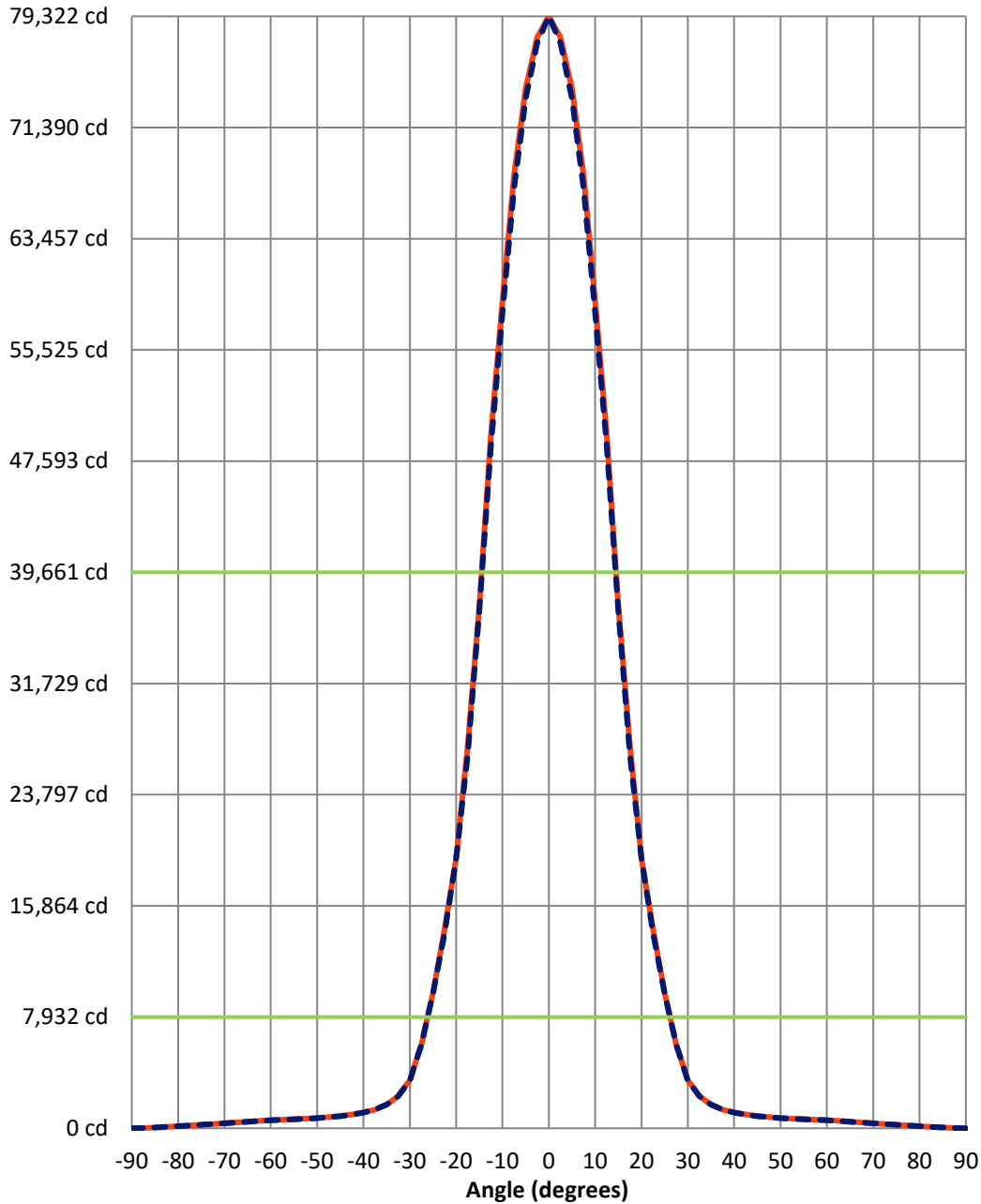
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 12049.1
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 20333.9
 Efficiency: 82.0%

Spill:
 Lumens: 4448.9
 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	123.6	142.8
65°	0.0	8.6	17.2	29.8	44.7	60.5	79.4	98.6	120.0	141.4	163.1
62.5°	0.0	9.4	18.8	34.0	50.3	69.5	90.1	111.9	135.6	159.2	183.9
60°	0.0	10.2	20.4	38.1	55.7	78.2	100.6	125.3	150.8	177.1	204.2
57.5°	0.0	11.0	23.0	42.1	62.5	86.7	111.6	138.4	166.0	194.5	224.2
55°	0.0	11.7	25.6	45.9	69.1	95.0	122.4	151.1	180.7	211.5	243.9
52.5°	0.0	12.4	28.1	49.7	75.6	103.2	132.7	163.4	194.9	228.7	263.1
50°	0.0	13.1	30.5	53.3	81.8	111.4	142.7	175.3	208.8	245.3	280.7
47.5°	0.0	13.8	32.9	57.1	87.8	119.3	152.2	186.8	223.0	261.3	297.4
45°	0.0	14.4	35.1	61.4	93.6	126.8	161.7	197.9	236.7	275.5	313.2
42.5°	0.0	15.0	37.3	65.6	99.2	133.9	170.7	208.9	249.8	288.8	327.7
40°	0.0	15.6	39.3	69.5	104.5	140.6	179.3	219.6	261.7	301.3	341.5
37.5°	0.0	16.2	41.3	73.1	109.6	146.9	187.5	229.7	272.3	313.3	354.4
35°	0.0	16.7	43.1	76.5	114.3	153.1	195.2	239.0	282.3	324.6	366.7
32.5°	0.0	17.2	44.8	79.7	118.8	159.1	202.5	247.6	291.6	335.2	378.5
30°	0.0	17.7	46.4	82.6	122.9	164.7	209.4	255.5	300.3	345.0	389.5
27.5°	0.0	18.1	47.9	85.2	126.6	169.9	215.7	262.4	308.3	354.0	399.6
25°	0.0	18.5	49.3	87.5	130.1	174.6	221.4	268.7	315.6	362.3	408.9
22.5°	0.0	18.8	50.6	89.6	133.2	178.9	226.4	274.4	322.1	369.7	418.2
20°	0.0	19.2	51.7	91.4	136.1	182.6	230.9	279.5	327.9	376.3	426.5
17.5°	0.0	19.5	52.7	93.0	138.7	185.7	234.9	283.8	333.0	382.1	433.7
15°	0.0	19.7	53.6	94.3	141.0	188.3	238.6	287.9	337.3	386.9	439.8
12.5°	0.0	19.9	54.3	95.3	143.0	190.5	241.8	291.7	341.3	390.9	444.8
10°	0.0	20.1	54.9	96.1	144.7	192.0	244.5	294.8	344.9	395.6	449.5
7.5°	0.0	20.2	55.4	96.6	146.0	193.1	246.7	297.3	347.7	399.9	454.6
5°	0.0	20.3	55.7	96.9	146.9	193.7	248.2	299.0	349.7	403.2	458.6
2.5°	0.0	20.4	55.9	96.9	147.5	193.8	249.2	300.0	350.9	405.7	461.5
0°	0.0	20.4	56.0	96.7	147.7	193.5	249.5	300.4	351.3	407.3	463.3
-2.5°	0.0	20.4	55.9	96.9	147.5	193.8	249.2	300.0	350.9	405.7	461.5
-5°	0.0	20.3	55.7	96.9	146.9	193.7	248.2	299.0	349.7	403.2	458.6
-7.5°	0.0	20.2	55.4	96.6	146.0	193.1	246.7	297.3	347.7	399.9	454.6
-10°	0.0	20.1	54.9	96.1	144.7	192.0	244.5	294.8	344.9	395.6	449.5
-12.5°	0.0	19.9	54.3	95.3	143.0	190.5	241.8	291.7	341.3	390.9	444.8
-15°	0.0	19.7	53.6	94.3	141.0	188.3	238.6	287.9	337.3	386.9	439.8
-17.5°	0.0	19.5	52.7	93.0	138.7	185.7	234.9	283.8	333.0	382.1	433.7
-20°	0.0	19.2	51.7	91.4	136.1	182.6	230.9	279.5	327.9	376.3	426.5

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA3E-750-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	178.9	226.4	274.4	322.1	369.7	418.2
-25°	0.0	18.5	49.3	87.5	130.1	174.6	221.4	268.7	315.6	362.3	408.9
-27.5°	0.0	18.1	47.9	85.2	126.6	169.9	215.7	262.4	308.3	354.0	399.6
-30°	0.0	17.7	46.4	82.6	122.9	164.7	209.4	255.5	300.3	345.0	389.5
-32.5°	0.0	17.2	44.8	79.7	118.8	159.1	202.5	247.6	291.6	335.2	378.5
-35°	0.0	16.7	43.1	76.5	114.3	153.1	195.2	239.0	282.3	324.6	366.7
-37.5°	0.0	16.2	41.3	73.1	109.6	146.9	187.5	229.7	272.3	313.3	354.4
-40°	0.0	15.6	39.3	69.5	104.5	140.6	179.3	219.6	261.7	301.3	341.5
-42.5°	0.0	15.0	37.3	65.6	99.2	133.9	170.7	208.9	249.8	288.8	327.7
-45°	0.0	14.4	35.1	61.4	93.6	126.8	161.7	197.9	236.7	275.5	313.2
-47.5°	0.0	13.8	32.9	57.1	87.8	119.3	152.2	186.8	223.0	261.3	297.4
-50°	0.0	13.1	30.5	53.3	81.8	111.4	142.7	175.3	208.8	245.3	280.7
-52.5°	0.0	12.4	28.1	49.7	75.6	103.2	132.7	163.4	194.9	228.7	263.1
-55°	0.0	11.7	25.6	45.9	69.1	95.0	122.4	151.1	180.7	211.5	243.9
-57.5°	0.0	11.0	23.0	42.1	62.5	86.7	111.6	138.4	166.0	194.5	224.2
-60°	0.0	10.2	20.4	38.1	55.7	78.2	100.6	125.3	150.8	177.1	204.2
-62.5°	0.0	9.4	18.8	34.0	50.3	69.5	90.1	111.9	135.6	159.2	183.9
-65°	0.0	8.6	17.2	29.8	44.7	60.5	79.4	98.6	120.0	141.4	163.1
-67.5°	0.0	7.8	15.6	25.6	39.1	52.5	68.5	86.1	104.1	123.6	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	103.3	111.9	120.3	128.3	136.1	143.4	150.4
75°	94.6	103.7	113.6	123.4	133.7	144.1	154.2	163.9	173.4	183.2	192.9
72.5°	116.0	128.3	140.3	152.0	164.9	177.5	189.2	199.8	211.8	224.9	237.0
70°	138.7	152.9	168.0	183.0	197.6	211.8	226.1	240.6	255.2	269.4	283.0
67.5°	161.4	179.3	196.8	213.9	230.5	247.3	264.4	281.9	298.7	314.8	330.5
65°	185.7	205.7	225.3	244.4	262.8	283.4	303.7	323.2	344.5	364.2	381.4
62.5°	209.3	231.8	253.4	274.9	297.4	320.2	343.6	368.1	393.4	411.8	427.6
60°	232.1	257.4	281.5	306.2	331.2	356.9	383.8	409.9	433.1	453.2	469.8
57.5°	254.3	282.6	309.3	336.1	363.5	392.7	422.3	449.0	470.6	489.9	508.1
55°	275.8	307.2	335.5	364.0	395.1	429.4	459.8	483.9	506.0	521.9	539.3
52.5°	296.3	329.8	359.5	391.4	427.0	462.6	492.8	516.2	534.8	551.3	568.2
50°	315.8	349.5	382.5	418.8	456.4	492.1	522.7	544.2	562.8	580.0	596.3
47.5°	333.6	368.6	405.8	444.7	484.0	519.2	548.5	570.4	589.8	607.4	625.4
45°	350.3	387.9	427.5	470.0	510.3	545.2	571.9	595.4	614.1	633.9	656.5
42.5°	366.2	406.5	449.5	494.8	535.9	567.8	593.7	616.3	637.8	661.6	686.7
40°	381.9	423.8	470.3	518.0	559.8	587.5	613.4	637.4	662.1	689.2	716.6
37.5°	396.6	441.6	489.8	539.6	577.5	606.2	632.9	659.7	687.4	716.6	750.6
35°	410.0	457.9	508.5	556.6	592.9	624.3	653.0	682.0	713.0	748.7	786.2
32.5°	423.1	472.8	525.9	571.0	607.1	640.6	672.3	705.0	740.6	779.8	822.7
30°	436.0	487.3	541.1	585.6	619.7	654.0	691.2	727.6	767.2	810.7	861.1
27.5°	448.5	500.8	553.8	597.1	630.8	665.7	705.5	749.8	793.1	840.8	899.2
25°	459.9	514.7	566.4	606.3	640.4	676.9	718.4	765.7	816.5	873.2	944.8
22.5°	470.8	527.2	578.3	614.1	648.3	686.6	731.4	781.3	836.6	902.3	989.7
20°	480.9	536.9	586.2	621.2	654.8	694.5	742.5	795.1	858.2	937.9	1042.4
17.5°	489.7	545.2	591.7	627.1	661.7	702.5	752.1	806.8	877.7	969.3	1093.0
15°	497.3	552.0	596.4	631.6	667.6	710.8	761.8	821.4	899.1	1000.1	1136.7
12.5°	503.5	557.3	600.4	634.8	672.2	716.9	770.2	835.6	920.5	1033.6	1195.6
10°	508.4	561.1	603.5	636.8	675.4	721.0	776.7	846.6	937.8	1061.7	1246.1
7.5°	513.2	564.5	605.7	637.6	677.3	723.0	781.2	854.4	950.5	1082.7	1286.3
5°	516.6	567.7	607.0	639.5	678.5	723.9	784.3	858.9	958.4	1096.6	1314.7
2.5°	518.6	569.7	607.0	641.0	678.5	724.3	787.9	861.4	967.2	1108.4	1330.9
0°	519.3	570.3	605.9	641.5	677.2	723.0	789.2	860.5	972.5	1115.1	1334.0
-2.5°	518.6	569.7	607.0	641.0	678.5	724.3	787.9	861.4	967.2	1108.4	1330.9
-5°	516.6	567.7	607.0	639.5	678.5	723.9	784.3	858.9	958.4	1096.6	1314.7
-7.5°	513.2	564.5	605.7	637.6	677.3	723.0	781.2	854.4	950.5	1082.7	1286.3
-10°	508.4	561.1	603.5	636.8	675.4	721.0	776.7	846.6	937.8	1061.7	1246.1
-12.5°	503.5	557.3	600.4	634.8	672.2	716.9	770.2	835.6	920.5	1033.6	1195.6
-15°	497.3	552.0	596.4	631.6	667.6	710.8	761.8	821.4	899.1	1000.1	1136.7
-17.5°	489.7	545.2	591.7	627.1	661.7	702.5	752.1	806.8	877.7	969.3	1093.0
-20°	480.9	536.9	586.2	621.2	654.8	694.5	742.5	795.1	858.2	937.9	1042.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627295 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-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°	470.8	527.2	578.3	614.1	648.3	686.6	731.4	781.3	836.6	902.3	989.7
-25°	459.9	514.7	566.4	606.3	640.4	676.9	718.4	765.7	816.5	873.2	944.8
-27.5°	448.5	500.8	553.8	597.1	630.8	665.7	705.5	749.8	793.1	840.8	899.2
-30°	436.0	487.3	541.1	585.6	619.7	654.0	691.2	727.6	767.2	810.7	861.1
-32.5°	423.1	472.8	525.9	571.0	607.1	640.6	672.3	705.0	740.6	779.8	822.7
-35°	410.0	457.9	508.5	556.6	592.9	624.3	653.0	682.0	713.0	748.7	786.2
-37.5°	396.6	441.6	489.8	539.6	577.5	606.2	632.9	659.7	687.4	716.6	750.6
-40°	381.9	423.8	470.3	518.0	559.8	587.5	613.4	637.4	662.1	689.2	716.6
-42.5°	366.2	406.5	449.5	494.8	535.9	567.8	593.7	616.3	637.8	661.6	686.7
-45°	350.3	387.9	427.5	470.0	510.3	545.2	571.9	595.4	614.1	633.9	656.5
-47.5°	333.6	368.6	405.8	444.7	484.0	519.2	548.5	570.4	589.8	607.4	625.4
-50°	315.8	349.5	382.5	418.8	456.4	492.1	522.7	544.2	562.8	580.0	596.3
-52.5°	296.3	329.8	359.5	391.4	427.0	462.6	492.8	516.2	534.8	551.3	568.2
-55°	275.8	307.2	335.5	364.0	395.1	429.4	459.8	483.9	506.0	521.9	539.3
-57.5°	254.3	282.6	309.3	336.1	363.5	392.7	422.3	449.0	470.6	489.9	508.1
-60°	232.1	257.4	281.5	306.2	331.2	356.9	383.8	409.9	433.1	453.2	469.8
-62.5°	209.3	231.8	253.4	274.9	297.4	320.2	343.6	368.1	393.4	411.8	427.6
-65°	185.7	205.7	225.3	244.4	262.8	283.4	303.7	323.2	344.5	364.2	381.4
-67.5°	161.4	179.3	196.8	213.9	230.5	247.3	264.4	281.9	298.7	314.8	330.5
-70°	138.7	152.9	168.0	183.0	197.6	211.8	226.1	240.6	255.2	269.4	283.0
-72.5°	116.0	128.3	140.3	152.0	164.9	177.5	189.2	199.8	211.8	224.9	237.0
-75°	94.6	103.7	113.6	123.4	133.7	144.1	154.2	163.9	173.4	183.2	192.9
-77.5°	74.3	82.2	89.5	96.1	103.3	111.9	120.3	128.3	136.1	143.4	150.4
-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: P627295 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-750-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	126.5	131.2	135.3	138.3	141.0	143.4	145.7	146.8	147.3
77.5°	157.4	164.3	170.7	176.7	182.2	186.5	190.0	192.9	195.0	196.4	197.3
75°	202.5	211.2	218.9	226.1	232.7	237.3	240.5	242.9	244.4	246.1	247.5
72.5°	248.0	257.9	267.0	275.7	283.2	288.6	292.3	295.3	297.5	299.2	300.1
70°	295.8	307.6	317.7	326.4	333.2	338.3	342.3	345.5	348.0	349.7	350.6
67.5°	345.4	358.0	367.4	375.0	381.1	386.5	391.5	395.1	397.6	400.0	402.6
65°	395.8	408.6	418.3	426.3	432.8	439.8	446.2	450.9	454.1	456.9	459.9
62.5°	443.2	457.8	469.0	479.5	490.1	500.1	505.9	510.4	513.6	516.4	519.7
60°	486.4	502.8	516.5	529.2	542.2	555.2	560.6	564.8	568.7	572.5	575.8
57.5°	524.6	542.1	558.8	571.3	583.7	595.9	604.3	608.9	612.0	613.7	615.2
55°	557.9	575.4	592.0	606.5	619.9	632.4	641.8	646.3	649.7	651.8	653.1
52.5°	587.7	606.4	624.2	640.3	654.8	668.3	680.0	686.2	691.2	694.8	695.9
50°	617.0	637.3	656.5	673.7	690.6	706.8	721.6	730.2	736.3	740.0	741.2
47.5°	647.6	669.6	690.4	710.4	729.6	748.7	766.3	778.0	786.7	793.1	797.7
45°	679.5	703.1	726.2	749.7	771.8	796.4	818.7	835.8	848.5	859.4	868.2
42.5°	711.5	738.1	764.6	794.9	825.0	853.1	879.6	902.3	923.0	943.2	959.0
40°	746.4	775.5	811.7	847.6	884.8	917.4	956.1	990.8	1022.6	1056.9	1085.4
37.5°	784.5	821.8	864.8	907.8	956.2	1003.1	1057.1	1110.4	1156.7	1216.8	1265.2
35°	826.0	873.3	924.0	981.7	1044.1	1117.7	1193.4	1282.1	1357.4	1453.1	1541.4
32.5°	872.2	927.9	993.6	1073.0	1157.2	1275.4	1386.2	1536.7	1665.3	1831.2	2012.5
30°	919.3	991.2	1080.6	1183.1	1325.5	1493.2	1688.8	1943.1	2218.2	2502.9	2886.1
27.5°	975.0	1068.4	1180.1	1338.3	1551.3	1783.5	2181.8	2611.9	3211.2	3685.6	4530.5
25°	1035.0	1150.6	1315.6	1545.0	1839.3	2309.1	2981.5	3760.2	4959.2	6025.8	7251.5
22.5°	1106.1	1263.1	1481.5	1781.9	2294.9	3103.2	4152.8	5751.9	7529.4	9283.8	10887.3
20°	1181.5	1371.0	1676.5	2165.7	2958.6	4127.4	6000.1	8284.9	10644.8	13049.1	15075.2
17.5°	1269.4	1526.8	1929.1	2579.0	3710.1	5711.3	8212.6	11117.9	14200.9	17268.9	19933.8
15°	1344.9	1663.0	2204.8	3178.1	4864.9	7368.0	10442.2	14111.5	17988.4	21970.0	26285.4
12.5°	1441.3	1827.2	2488.7	3673.5	5889.5	9142.9	12904.4	17164.6	21898.9	27185.5	33913.0
10°	1529.8	1999.3	2862.3	4467.1	7121.1	10800.9	15031.3	19864.6	26005.4	33949.8	42064.8
7.5°	1600.6	2135.9	3152.0	5086.4	8153.9	12217.3	16946.4	22741.3	30402.4	39862.3	49134.3
5°	1649.9	2230.5	3359.3	5554.3	8984.7	13299.7	18305.4	24861.9	34108.5	44702.0	54169.3
2.5°	1680.8	2282.3	3460.8	5832.2	9526.6	13951.2	19153.2	26209.6	36380.0	47782.9	57368.2
0°	1695.5	2291.2	3396.1	5967.3	9602.7	13905.1	19230.9	26659.5	36919.0	48619.5	58166.2
-2.5°	1680.8	2282.3	3460.8	5832.2	9526.6	13951.2	19153.2	26209.6	36380.0	47782.9	57368.2
-5°	1649.9	2230.5	3359.3	5554.3	8984.7	13299.7	18305.4	24861.9	34108.5	44702.0	54169.3
-7.5°	1600.6	2135.9	3152.0	5086.4	8153.9	12217.3	16946.4	22741.3	30402.4	39862.3	49134.3
-10°	1529.8	1999.3	2862.3	4467.1	7121.1	10800.9	15031.3	19864.6	26005.4	33949.8	42064.8
-12.5°	1441.3	1827.2	2488.7	3673.5	5889.5	9142.9	12904.4	17164.6	21898.9	27185.5	33913.0
-15°	1344.9	1663.0	2204.8	3178.1	4864.9	7368.0	10442.2	14111.5	17988.4	21970.0	26285.4
-17.5°	1269.4	1526.8	1929.1	2579.0	3710.1	5711.3	8212.6	11117.9	14200.9	17268.9	19933.8
-20°	1181.5	1371.0	1676.5	2165.7	2958.6	4127.4	6000.1	8284.9	10644.8	13049.1	15075.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627295 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1106.1	1263.1	1481.5	1781.9	2294.9	3103.2	4152.8	5751.9	7529.4	9283.8	10887.3
-25°	1035.0	1150.6	1315.6	1545.0	1839.3	2309.1	2981.5	3760.2	4959.2	6025.8	7251.5
-27.5°	975.0	1068.4	1180.1	1338.3	1551.3	1783.5	2181.8	2611.9	3211.2	3685.6	4530.5
-30°	919.3	991.2	1080.6	1183.1	1325.5	1493.2	1688.8	1943.1	2218.2	2502.9	2886.1
-32.5°	872.2	927.9	993.6	1073.0	1157.2	1275.4	1386.2	1536.7	1665.3	1831.2	2012.5
-35°	826.0	873.3	924.0	981.7	1044.1	1117.7	1193.4	1282.1	1357.4	1453.1	1541.4
-37.5°	784.5	821.8	864.8	907.8	956.2	1003.1	1057.1	1110.4	1156.7	1216.8	1265.2
-40°	746.4	775.5	811.7	847.6	884.8	917.4	956.1	990.8	1022.6	1056.9	1085.4
-42.5°	711.5	738.1	764.6	794.9	825.0	853.1	879.6	902.3	923.0	943.2	959.0
-45°	679.5	703.1	726.2	749.7	771.8	796.4	818.7	835.8	848.5	859.4	868.2
-47.5°	647.6	669.6	690.4	710.4	729.6	748.7	766.3	778.0	786.7	793.1	797.7
-50°	617.0	637.3	656.5	673.7	690.6	706.8	721.6	730.2	736.3	740.0	741.2
-52.5°	587.7	606.4	624.2	640.3	654.8	668.3	680.0	686.2	691.2	694.8	695.9
-55°	557.9	575.4	592.0	606.5	619.9	632.4	641.8	646.3	649.7	651.8	653.1
-57.5°	524.6	542.1	558.8	571.3	583.7	595.9	604.3	608.9	612.0	613.7	615.2
-60°	486.4	502.8	516.5	529.2	542.2	555.2	560.6	564.8	568.7	572.5	575.8
-62.5°	443.2	457.8	469.0	479.5	490.1	500.1	505.9	510.4	513.6	516.4	519.7
-65°	395.8	408.6	418.3	426.3	432.8	439.8	446.2	450.9	454.1	456.9	459.9
-67.5°	345.4	358.0	367.4	375.0	381.1	386.5	391.5	395.1	397.6	400.0	402.6
-70°	295.8	307.6	317.7	326.4	333.2	338.3	342.3	345.5	348.0	349.7	350.6
-72.5°	248.0	257.9	267.0	275.7	283.2	288.6	292.3	295.3	297.5	299.2	300.1
-75°	202.5	211.2	218.9	226.1	232.7	237.3	240.5	242.9	244.4	246.1	247.5
-77.5°	157.4	164.3	170.7	176.7	182.2	186.5	190.0	192.9	195.0	196.4	197.3
-80°	115.6	121.2	126.5	131.2	135.3	138.3	141.0	143.4	145.7	146.8	147.3
-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: P627295 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-750-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°	147.4	147.0	147.5	147.7	147.5	147.0	147.4	147.3	146.8	145.7	143.4
77.5°	197.8	197.7	198.4	198.6	198.4	197.7	197.8	197.3	196.4	195.0	192.9
75°	248.2	248.4	249.2	249.5	249.2	248.4	248.2	247.5	246.1	244.4	242.9
72.5°	300.1	299.2	300.0	300.4	300.0	299.2	300.1	300.1	299.2	297.5	295.3
70°	350.7	350.0	353.3	356.4	353.3	350.0	350.7	350.6	349.7	348.0	345.5
67.5°	404.5	405.5	409.1	412.4	409.1	405.5	404.5	402.6	400.0	397.6	395.1
65°	461.4	461.5	465.0	468.4	465.0	461.5	461.4	459.9	456.9	454.1	450.9
62.5°	521.7	522.3	525.9	529.5	525.9	522.3	521.7	519.7	516.4	513.6	510.4
60°	577.8	578.4	579.7	580.4	579.7	578.4	577.8	575.8	572.5	568.7	564.8
57.5°	615.6	615.1	615.6	616.1	615.6	615.1	615.6	615.2	613.7	612.0	608.9
55°	652.9	651.2	649.2	646.6	649.2	651.2	652.9	653.1	651.8	649.7	646.3
52.5°	695.0	692.4	689.9	687.4	689.9	692.4	695.0	695.9	694.8	691.2	686.2
50°	740.4	738.0	735.7	733.2	735.7	738.0	740.4	741.2	740.0	736.3	730.2
47.5°	800.9	802.0	801.5	799.4	801.5	802.0	800.9	797.7	793.1	786.7	778.0
45°	874.4	877.3	877.7	875.8	877.7	877.3	874.4	868.2	859.4	848.5	835.8
42.5°	970.2	976.6	980.2	982.7	980.2	976.6	970.2	959.0	943.2	923.0	902.3
40°	1106.1	1119.2	1127.6	1135.4	1127.6	1119.2	1106.1	1085.4	1056.9	1022.6	990.8
37.5°	1301.0	1324.8	1335.5	1328.9	1335.5	1324.8	1301.0	1265.2	1216.8	1156.7	1110.4
35°	1609.3	1654.7	1678.3	1680.2	1678.3	1654.7	1609.3	1541.4	1453.1	1357.4	1282.1
32.5°	2146.4	2239.3	2289.3	2296.3	2289.3	2239.3	2146.4	2012.5	1831.2	1665.3	1536.7
30°	3179.4	3368.9	3457.9	3436.8	3457.9	3368.9	3179.4	2886.1	2502.9	2218.2	1943.1
27.5°	5187.3	5659.9	5939.9	5962.2	5939.9	5659.9	5187.3	4530.5	3685.6	3211.2	2611.9
25°	8337.2	9143.9	9660.5	9668.9	9660.5	9143.9	8337.2	7251.5	6025.8	4959.2	3760.2
22.5°	12370.0	13471.3	14074.7	14180.0	14074.7	13471.3	12370.0	10887.3	9283.8	7529.4	5751.9
20°	17042.3	18507.3	19291.1	19292.0	19291.1	18507.3	17042.3	15075.2	13049.1	10644.8	8284.9
17.5°	22796.3	25175.1	26668.4	27311.2	26668.4	25175.1	22796.3	19933.8	17268.9	14200.9	11117.9
15°	30440.7	34438.1	36833.6	37265.3	36833.6	34438.1	30440.7	26285.4	21970.0	17988.4	14111.5
12.5°	39748.6	44807.5	48208.2	49454.5	48208.2	44807.5	39748.6	33913.0	27185.5	21898.9	17164.6
10°	49466.7	54154.2	57797.4	59021.6	57797.4	54154.2	49466.7	42064.8	33949.8	26005.4	19864.6
7.5°	56487.4	62077.0	66180.7	67982.8	66180.7	62077.0	56487.4	49134.3	39862.3	30402.4	22741.3
5°	62029.5	68643.3	72463.4	74158.8	72463.4	68643.3	62029.5	54169.3	44702.0	34108.5	24861.9
2.5°	65665.8	72200.8	76246.1	77809.5	76246.1	72200.8	65665.8	57368.2	47782.9	36380.0	26209.6
0°	67025.5	73415.5	77412.4	79321.7	77412.4	73415.5	67025.5	58166.2	48619.5	36919.0	26659.5
-2.5°	65665.8	72200.8	76246.1	77809.5	76246.1	72200.8	65665.8	57368.2	47782.9	36380.0	26209.6
-5°	62029.5	68643.3	72463.4	74158.8	72463.4	68643.3	62029.5	54169.3	44702.0	34108.5	24861.9
-7.5°	56487.4	62077.0	66180.7	67982.8	66180.7	62077.0	56487.4	49134.3	39862.3	30402.4	22741.3
-10°	49466.7	54154.2	57797.4	59021.6	57797.4	54154.2	49466.7	42064.8	33949.8	26005.4	19864.6
-12.5°	39748.6	44807.5	48208.2	49454.5	48208.2	44807.5	39748.6	33913.0	27185.5	21898.9	17164.6
-15°	30440.7	34438.1	36833.6	37265.3	36833.6	34438.1	30440.7	26285.4	21970.0	17988.4	14111.5
-17.5°	22796.3	25175.1	26668.4	27311.2	26668.4	25175.1	22796.3	19933.8	17268.9	14200.9	11117.9
-20°	17042.3	18507.3	19291.1	19292.0	19291.1	18507.3	17042.3	15075.2	13049.1	10644.8	8284.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627295 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-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°	12370.0	13471.3	14074.7	14180.0	14074.7	13471.3	12370.0	10887.3	9283.8	7529.4	5751.9
-25°	8337.2	9143.9	9660.5	9668.9	9660.5	9143.9	8337.2	7251.5	6025.8	4959.2	3760.2
-27.5°	5187.3	5659.9	5939.9	5962.2	5939.9	5659.9	5187.3	4530.5	3685.6	3211.2	2611.9
-30°	3179.4	3368.9	3457.9	3436.8	3457.9	3368.9	3179.4	2886.1	2502.9	2218.2	1943.1
-32.5°	2146.4	2239.3	2289.3	2296.3	2289.3	2239.3	2146.4	2012.5	1831.2	1665.3	1536.7
-35°	1609.3	1654.7	1678.3	1680.2	1678.3	1654.7	1609.3	1541.4	1453.1	1357.4	1282.1
-37.5°	1301.0	1324.8	1335.5	1328.9	1335.5	1324.8	1301.0	1265.2	1216.8	1156.7	1110.4
-40°	1106.1	1119.2	1127.6	1135.4	1127.6	1119.2	1106.1	1085.4	1056.9	1022.6	990.8
-42.5°	970.2	976.6	980.2	982.7	980.2	976.6	970.2	959.0	943.2	923.0	902.3
-45°	874.4	877.3	877.7	875.8	877.7	877.3	874.4	868.2	859.4	848.5	835.8
-47.5°	800.9	802.0	801.5	799.4	801.5	802.0	800.9	797.7	793.1	786.7	778.0
-50°	740.4	738.0	735.7	733.2	735.7	738.0	740.4	741.2	740.0	736.3	730.2
-52.5°	695.0	692.4	689.9	687.4	689.9	692.4	695.0	695.9	694.8	691.2	686.2
-55°	652.9	651.2	649.2	646.6	649.2	651.2	652.9	653.1	651.8	649.7	646.3
-57.5°	615.6	615.1	615.6	616.1	615.6	615.1	615.6	615.2	613.7	612.0	608.9
-60°	577.8	578.4	579.7	580.4	579.7	578.4	577.8	575.8	572.5	568.7	564.8
-62.5°	521.7	522.3	525.9	529.5	525.9	522.3	521.7	519.7	516.4	513.6	510.4
-65°	461.4	461.5	465.0	468.4	465.0	461.5	461.4	459.9	456.9	454.1	450.9
-67.5°	404.5	405.5	409.1	412.4	409.1	405.5	404.5	402.6	400.0	397.6	395.1
-70°	350.7	350.0	353.3	356.4	353.3	350.0	350.7	350.6	349.7	348.0	345.5
-72.5°	300.1	299.2	300.0	300.4	300.0	299.2	300.1	300.1	299.2	297.5	295.3
-75°	248.2	248.4	249.2	249.5	249.2	248.4	248.2	247.5	246.1	244.4	242.9
-77.5°	197.8	197.7	198.4	198.6	198.4	197.7	197.8	197.3	196.4	195.0	192.9
-80°	147.4	147.0	147.5	147.7	147.5	147.0	147.4	147.3	146.8	145.7	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: P627295 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-750-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°	141.0	138.3	135.3	131.2	126.5	121.2	115.6	110.3	104.7	99.4	94.5
77.5°	190.0	186.5	182.2	176.7	170.7	164.3	157.4	150.4	143.4	136.1	128.3
75°	240.5	237.3	232.7	226.1	218.9	211.2	202.5	192.9	183.2	173.4	163.9
72.5°	292.3	288.6	283.2	275.7	267.0	257.9	248.0	237.0	224.9	211.8	199.8
70°	342.3	338.3	333.2	326.4	317.7	307.6	295.8	283.0	269.4	255.2	240.6
67.5°	391.5	386.5	381.1	375.0	367.4	358.0	345.4	330.5	314.8	298.7	281.9
65°	446.2	439.8	432.8	426.3	418.3	408.6	395.8	381.4	364.2	344.5	323.2
62.5°	505.9	500.1	490.1	479.5	469.0	457.8	443.2	427.6	411.8	393.4	368.1
60°	560.6	555.2	542.2	529.2	516.5	502.8	486.4	469.8	453.2	433.1	409.9
57.5°	604.3	595.9	583.7	571.3	558.8	542.1	524.6	508.1	489.9	470.6	449.0
55°	641.8	632.4	619.9	606.5	592.0	575.4	557.9	539.3	521.9	506.0	483.9
52.5°	680.0	668.3	654.8	640.3	624.2	606.4	587.7	568.2	551.3	534.8	516.2
50°	721.6	706.8	690.6	673.7	656.5	637.3	617.0	596.3	580.0	562.8	544.2
47.5°	766.3	748.7	729.6	710.4	690.4	669.6	647.6	625.4	607.4	589.8	570.4
45°	818.7	796.4	771.8	749.7	726.2	703.1	679.5	656.5	633.9	614.1	595.4
42.5°	879.6	853.1	825.0	794.9	764.6	738.1	711.5	686.7	661.6	637.8	616.3
40°	956.1	917.4	884.8	847.6	811.7	775.5	746.4	716.6	689.2	662.1	637.4
37.5°	1057.1	1003.1	956.2	907.8	864.8	821.8	784.5	750.6	716.6	687.4	659.7
35°	1193.4	1117.7	1044.1	981.7	924.0	873.3	826.0	786.2	748.7	713.0	682.0
32.5°	1386.2	1275.4	1157.2	1073.0	993.6	927.9	872.2	822.7	779.8	740.6	705.0
30°	1688.8	1493.2	1325.5	1183.1	1080.6	991.2	919.3	861.1	810.7	767.2	727.6
27.5°	2181.8	1783.5	1551.3	1338.3	1180.1	1068.4	975.0	899.2	840.8	793.1	749.8
25°	2981.5	2309.1	1839.3	1545.0	1315.6	1150.6	1035.0	944.8	873.2	816.5	765.7
22.5°	4152.8	3103.2	2294.9	1781.9	1481.5	1263.1	1106.1	989.7	902.3	836.6	781.3
20°	6000.1	4127.4	2958.6	2165.7	1676.5	1371.0	1181.5	1042.4	937.9	858.2	795.1
17.5°	8212.6	5711.3	3710.1	2579.0	1929.1	1526.8	1269.4	1093.0	969.3	877.7	806.8
15°	10442.2	7368.0	4864.9	3178.1	2204.8	1663.0	1344.9	1136.7	1000.1	899.1	821.4
12.5°	12904.4	9142.9	5889.5	3673.5	2488.7	1827.2	1441.3	1195.6	1033.6	920.5	835.6
10°	15031.3	10800.9	7121.1	4467.1	2862.3	1999.3	1529.8	1246.1	1061.7	937.8	846.6
7.5°	16946.4	12217.3	8153.9	5086.4	3152.0	2135.9	1600.6	1286.3	1082.7	950.5	854.4
5°	18305.4	13299.7	8984.7	5554.3	3359.3	2230.5	1649.9	1314.7	1096.6	958.4	858.9
2.5°	19153.2	13951.2	9526.6	5832.2	3460.8	2282.3	1680.8	1330.9	1108.4	967.2	861.4
0°	19230.9	13905.1	9602.7	5967.3	3396.1	2291.2	1695.5	1334.0	1115.1	972.5	860.5
-2.5°	19153.2	13951.2	9526.6	5832.2	3460.8	2282.3	1680.8	1330.9	1108.4	967.2	861.4
-5°	18305.4	13299.7	8984.7	5554.3	3359.3	2230.5	1649.9	1314.7	1096.6	958.4	858.9
-7.5°	16946.4	12217.3	8153.9	5086.4	3152.0	2135.9	1600.6	1286.3	1082.7	950.5	854.4
-10°	15031.3	10800.9	7121.1	4467.1	2862.3	1999.3	1529.8	1246.1	1061.7	937.8	846.6
-12.5°	12904.4	9142.9	5889.5	3673.5	2488.7	1827.2	1441.3	1195.6	1033.6	920.5	835.6
-15°	10442.2	7368.0	4864.9	3178.1	2204.8	1663.0	1344.9	1136.7	1000.1	899.1	821.4
-17.5°	8212.6	5711.3	3710.1	2579.0	1929.1	1526.8	1269.4	1093.0	969.3	877.7	806.8
-20°	6000.1	4127.4	2958.6	2165.7	1676.5	1371.0	1181.5	1042.4	937.9	858.2	795.1



REPORT NUMBER: P627295 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4152.8	3103.2	2294.9	1781.9	1481.5	1263.1	1106.1	989.7	902.3	836.6	781.3
-25°	2981.5	2309.1	1839.3	1545.0	1315.6	1150.6	1035.0	944.8	873.2	816.5	765.7
-27.5°	2181.8	1783.5	1551.3	1338.3	1180.1	1068.4	975.0	899.2	840.8	793.1	749.8
-30°	1688.8	1493.2	1325.5	1183.1	1080.6	991.2	919.3	861.1	810.7	767.2	727.6
-32.5°	1386.2	1275.4	1157.2	1073.0	993.6	927.9	872.2	822.7	779.8	740.6	705.0
-35°	1193.4	1117.7	1044.1	981.7	924.0	873.3	826.0	786.2	748.7	713.0	682.0
-37.5°	1057.1	1003.1	956.2	907.8	864.8	821.8	784.5	750.6	716.6	687.4	659.7
-40°	956.1	917.4	884.8	847.6	811.7	775.5	746.4	716.6	689.2	662.1	637.4
-42.5°	879.6	853.1	825.0	794.9	764.6	738.1	711.5	686.7	661.6	637.8	616.3
-45°	818.7	796.4	771.8	749.7	726.2	703.1	679.5	656.5	633.9	614.1	595.4
-47.5°	766.3	748.7	729.6	710.4	690.4	669.6	647.6	625.4	607.4	589.8	570.4
-50°	721.6	706.8	690.6	673.7	656.5	637.3	617.0	596.3	580.0	562.8	544.2
-52.5°	680.0	668.3	654.8	640.3	624.2	606.4	587.7	568.2	551.3	534.8	516.2
-55°	641.8	632.4	619.9	606.5	592.0	575.4	557.9	539.3	521.9	506.0	483.9
-57.5°	604.3	595.9	583.7	571.3	558.8	542.1	524.6	508.1	489.9	470.6	449.0
-60°	560.6	555.2	542.2	529.2	516.5	502.8	486.4	469.8	453.2	433.1	409.9
-62.5°	505.9	500.1	490.1	479.5	469.0	457.8	443.2	427.6	411.8	393.4	368.1
-65°	446.2	439.8	432.8	426.3	418.3	408.6	395.8	381.4	364.2	344.5	323.2
-67.5°	391.5	386.5	381.1	375.0	367.4	358.0	345.4	330.5	314.8	298.7	281.9
-70°	342.3	338.3	333.2	326.4	317.7	307.6	295.8	283.0	269.4	255.2	240.6
-72.5°	292.3	288.6	283.2	275.7	267.0	257.9	248.0	237.0	224.9	211.8	199.8
-75°	240.5	237.3	232.7	226.1	218.9	211.2	202.5	192.9	183.2	173.4	163.9
-77.5°	190.0	186.5	182.2	176.7	170.7	164.3	157.4	150.4	143.4	136.1	128.3
-80°	141.0	138.3	135.3	131.2	126.5	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: P627295 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-750-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	103.3	96.1	89.5	82.2	74.3	65.4	55.7	46.9	38.5
75°	154.2	144.1	133.7	123.4	113.6	103.7	94.6	84.2	72.0	59.7	49.1
72.5°	189.2	177.5	164.9	152.0	140.3	128.3	116.0	102.7	88.8	74.7	60.3
70°	226.1	211.8	197.6	183.0	168.0	152.9	138.7	122.7	105.4	89.4	73.3
67.5°	264.4	247.3	230.5	213.9	196.8	179.3	161.4	142.8	123.6	104.1	86.1
65°	303.7	283.4	262.8	244.4	225.3	205.7	185.7	163.1	141.4	120.0	98.6
62.5°	343.6	320.2	297.4	274.9	253.4	231.8	209.3	183.9	159.2	135.6	111.9
60°	383.8	356.9	331.2	306.2	281.5	257.4	232.1	204.2	177.1	150.8	125.3
57.5°	422.3	392.7	363.5	336.1	309.3	282.6	254.3	224.2	194.5	166.0	138.4
55°	459.8	429.4	395.1	364.0	335.5	307.2	275.8	243.9	211.5	180.7	151.1
52.5°	492.8	462.6	427.0	391.4	359.5	329.8	296.3	263.1	228.7	194.9	163.4
50°	522.7	492.1	456.4	418.8	382.5	349.5	315.8	280.7	245.3	208.8	175.3
47.5°	548.5	519.2	484.0	444.7	405.8	368.6	333.6	297.4	261.3	223.0	186.8
45°	571.9	545.2	510.3	470.0	427.5	387.9	350.3	313.2	275.5	236.7	197.9
42.5°	593.7	567.8	535.9	494.8	449.5	406.5	366.2	327.7	288.8	249.8	208.9
40°	613.4	587.5	559.8	518.0	470.3	423.8	381.9	341.5	301.3	261.7	219.6
37.5°	632.9	606.2	577.5	539.6	489.8	441.6	396.6	354.4	313.3	272.3	229.7
35°	653.0	624.3	592.9	556.6	508.5	457.9	410.0	366.7	324.6	282.3	239.0
32.5°	672.3	640.6	607.1	571.0	525.9	472.8	423.1	378.5	335.2	291.6	247.6
30°	691.2	654.0	619.7	585.6	541.1	487.3	436.0	389.5	345.0	300.3	255.5
27.5°	705.5	665.7	630.8	597.1	553.8	500.8	448.5	399.6	354.0	308.3	262.4
25°	718.4	676.9	640.4	606.3	566.4	514.7	459.9	408.9	362.3	315.6	268.7
22.5°	731.4	686.6	648.3	614.1	578.3	527.2	470.8	418.2	369.7	322.1	274.4
20°	742.5	694.5	654.8	621.2	586.2	536.9	480.9	426.5	376.3	327.9	279.5
17.5°	752.1	702.5	661.7	627.1	591.7	545.2	489.7	433.7	382.1	333.0	283.8
15°	761.8	710.8	667.6	631.6	596.4	552.0	497.3	439.8	386.9	337.3	287.9
12.5°	770.2	716.9	672.2	634.8	600.4	557.3	503.5	444.8	390.9	341.3	291.7
10°	776.7	721.0	675.4	636.8	603.5	561.1	508.4	449.5	395.6	344.9	294.8
7.5°	781.2	723.0	677.3	637.6	605.7	564.5	513.2	454.6	399.9	347.7	297.3
5°	784.3	723.9	678.5	639.5	607.0	567.7	516.6	458.6	403.2	349.7	299.0
2.5°	787.9	724.3	678.5	641.0	607.0	569.7	518.6	461.5	405.7	350.9	300.0
0°	789.2	723.0	677.2	641.5	605.9	570.3	519.3	463.3	407.3	351.3	300.4
-2.5°	787.9	724.3	678.5	641.0	607.0	569.7	518.6	461.5	405.7	350.9	300.0
-5°	784.3	723.9	678.5	639.5	607.0	567.7	516.6	458.6	403.2	349.7	299.0
-7.5°	781.2	723.0	677.3	637.6	605.7	564.5	513.2	454.6	399.9	347.7	297.3
-10°	776.7	721.0	675.4	636.8	603.5	561.1	508.4	449.5	395.6	344.9	294.8
-12.5°	770.2	716.9	672.2	634.8	600.4	557.3	503.5	444.8	390.9	341.3	291.7
-15°	761.8	710.8	667.6	631.6	596.4	552.0	497.3	439.8	386.9	337.3	287.9
-17.5°	752.1	702.5	661.7	627.1	591.7	545.2	489.7	433.7	382.1	333.0	283.8
-20°	742.5	694.5	654.8	621.2	586.2	536.9	480.9	426.5	376.3	327.9	279.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627295 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-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°	731.4	686.6	648.3	614.1	578.3	527.2	470.8	418.2	369.7	322.1	274.4
-25°	718.4	676.9	640.4	606.3	566.4	514.7	459.9	408.9	362.3	315.6	268.7
-27.5°	705.5	665.7	630.8	597.1	553.8	500.8	448.5	399.6	354.0	308.3	262.4
-30°	691.2	654.0	619.7	585.6	541.1	487.3	436.0	389.5	345.0	300.3	255.5
-32.5°	672.3	640.6	607.1	571.0	525.9	472.8	423.1	378.5	335.2	291.6	247.6
-35°	653.0	624.3	592.9	556.6	508.5	457.9	410.0	366.7	324.6	282.3	239.0
-37.5°	632.9	606.2	577.5	539.6	489.8	441.6	396.6	354.4	313.3	272.3	229.7
-40°	613.4	587.5	559.8	518.0	470.3	423.8	381.9	341.5	301.3	261.7	219.6
-42.5°	593.7	567.8	535.9	494.8	449.5	406.5	366.2	327.7	288.8	249.8	208.9
-45°	571.9	545.2	510.3	470.0	427.5	387.9	350.3	313.2	275.5	236.7	197.9
-47.5°	548.5	519.2	484.0	444.7	405.8	368.6	333.6	297.4	261.3	223.0	186.8
-50°	522.7	492.1	456.4	418.8	382.5	349.5	315.8	280.7	245.3	208.8	175.3
-52.5°	492.8	462.6	427.0	391.4	359.5	329.8	296.3	263.1	228.7	194.9	163.4
-55°	459.8	429.4	395.1	364.0	335.5	307.2	275.8	243.9	211.5	180.7	151.1
-57.5°	422.3	392.7	363.5	336.1	309.3	282.6	254.3	224.2	194.5	166.0	138.4
-60°	383.8	356.9	331.2	306.2	281.5	257.4	232.1	204.2	177.1	150.8	125.3
-62.5°	343.6	320.2	297.4	274.9	253.4	231.8	209.3	183.9	159.2	135.6	111.9
-65°	303.7	283.4	262.8	244.4	225.3	205.7	185.7	163.1	141.4	120.0	98.6
-67.5°	264.4	247.3	230.5	213.9	196.8	179.3	161.4	142.8	123.6	104.1	86.1
-70°	226.1	211.8	197.6	183.0	168.0	152.9	138.7	122.7	105.4	89.4	73.3
-72.5°	189.2	177.5	164.9	152.0	140.3	128.3	116.0	102.7	88.8	74.7	60.3
-75°	154.2	144.1	133.7	123.4	113.6	103.7	94.6	84.2	72.0	59.7	49.1
-77.5°	120.3	111.9	103.3	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: P627295 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-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°	122.4	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°	142.7	111.4	81.8	53.3	30.5	13.1	0.0
47.5°	152.2	119.3	87.8	57.1	32.9	13.8	0.0
45°	161.7	126.8	93.6	61.4	35.1	14.4	0.0
42.5°	170.7	133.9	99.2	65.6	37.3	15.0	0.0
40°	179.3	140.6	104.5	69.5	39.3	15.6	0.0
37.5°	187.5	146.9	109.6	73.1	41.3	16.2	0.0
35°	195.2	153.1	114.3	76.5	43.1	16.7	0.0
32.5°	202.5	159.1	118.8	79.7	44.8	17.2	0.0
30°	209.4	164.7	122.9	82.6	46.4	17.7	0.0
27.5°	215.7	169.9	126.6	85.2	47.9	18.1	0.0
25°	221.4	174.6	130.1	87.5	49.3	18.5	0.0
22.5°	226.4	178.9	133.2	89.6	50.6	18.8	0.0
20°	230.9	182.6	136.1	91.4	51.7	19.2	0.0
17.5°	234.9	185.7	138.7	93.0	52.7	19.5	0.0
15°	238.6	188.3	141.0	94.3	53.6	19.7	0.0
12.5°	241.8	190.5	143.0	95.3	54.3	19.9	0.0
10°	244.5	192.0	144.7	96.1	54.9	20.1	0.0
7.5°	246.7	193.1	146.0	96.6	55.4	20.2	0.0
5°	248.2	193.7	146.9	96.9	55.7	20.3	0.0
2.5°	249.2	193.8	147.5	96.9	55.9	20.4	0.0
0°	249.5	193.5	147.7	96.7	56.0	20.4	0.0
-2.5°	249.2	193.8	147.5	96.9	55.9	20.4	0.0
-5°	248.2	193.7	146.9	96.9	55.7	20.3	0.0
-7.5°	246.7	193.1	146.0	96.6	55.4	20.2	0.0
-10°	244.5	192.0	144.7	96.1	54.9	20.1	0.0
-12.5°	241.8	190.5	143.0	95.3	54.3	19.9	0.0
-15°	238.6	188.3	141.0	94.3	53.6	19.7	0.0
-17.5°	234.9	185.7	138.7	93.0	52.7	19.5	0.0
-20°	230.9	182.6	136.1	91.4	51.7	19.2	0.0

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CATALOG NUMBER: GFLD-SA3E-750-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	226.4	178.9	133.2	89.6	50.6	18.8	0.0
-25°	221.4	174.6	130.1	87.5	49.3	18.5	0.0
-27.5°	215.7	169.9	126.6	85.2	47.9	18.1	0.0
-30°	209.4	164.7	122.9	82.6	46.4	17.7	0.0
-32.5°	202.5	159.1	118.8	79.7	44.8	17.2	0.0
-35°	195.2	153.1	114.3	76.5	43.1	16.7	0.0
-37.5°	187.5	146.9	109.6	73.1	41.3	16.2	0.0
-40°	179.3	140.6	104.5	69.5	39.3	15.6	0.0
-42.5°	170.7	133.9	99.2	65.6	37.3	15.0	0.0
-45°	161.7	126.8	93.6	61.4	35.1	14.4	0.0
-47.5°	152.2	119.3	87.8	57.1	32.9	13.8	0.0
-50°	142.7	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°	122.4	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)