

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: P627299 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627299 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
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-NR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N80
Light Source: (48) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 25395 lumens
Efficiency: N/A
Efficacy: 137.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 239157 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.7°H x 13.6°V
Beam Lumens: 7508.2 lumens
Beam Efficiency: 29.6%

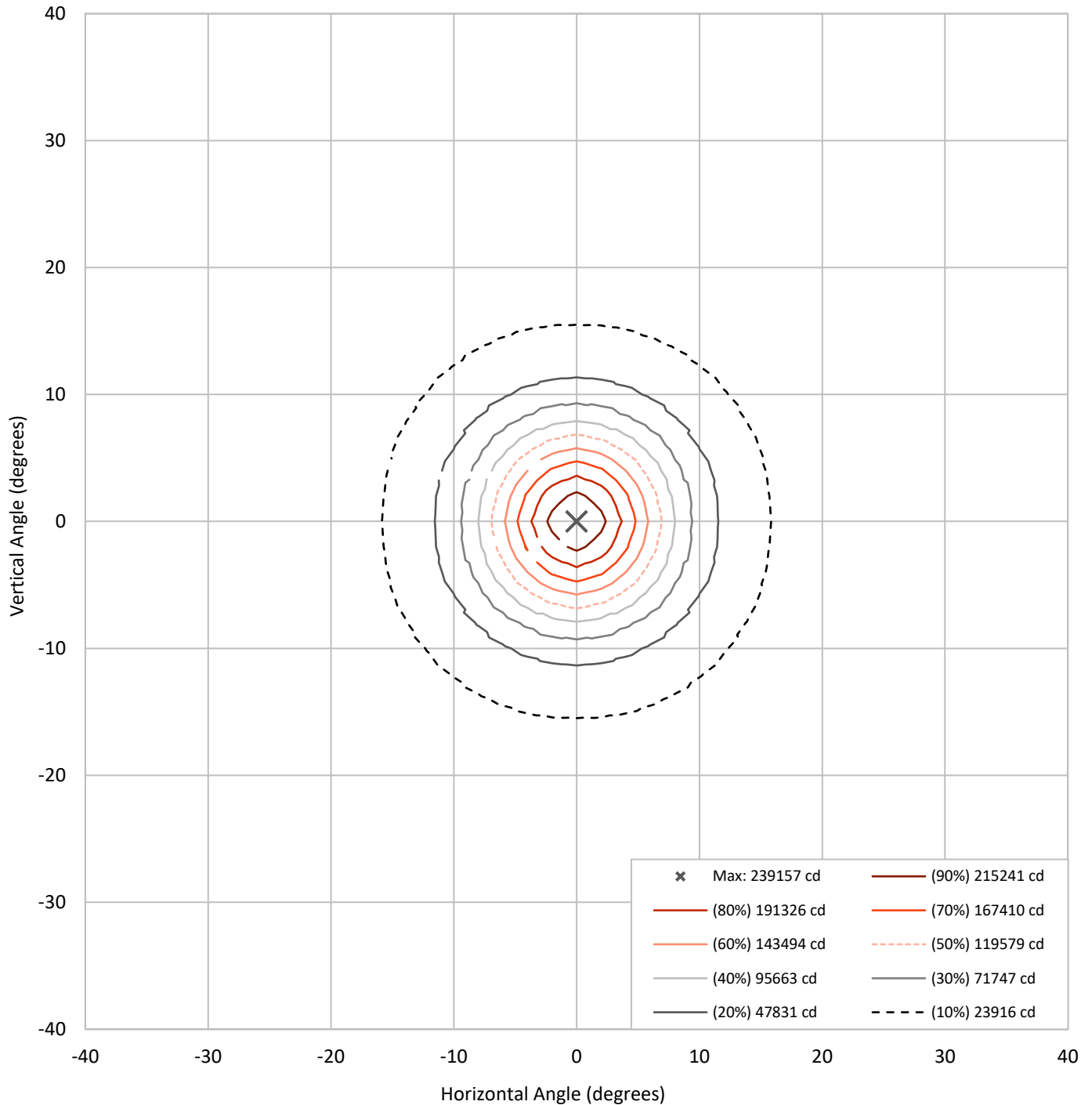
Field Angle (10%): 31.6°H x 30.6°V
Field Lumens: 16896.5 lumens
Field Efficiency: 66.5%

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





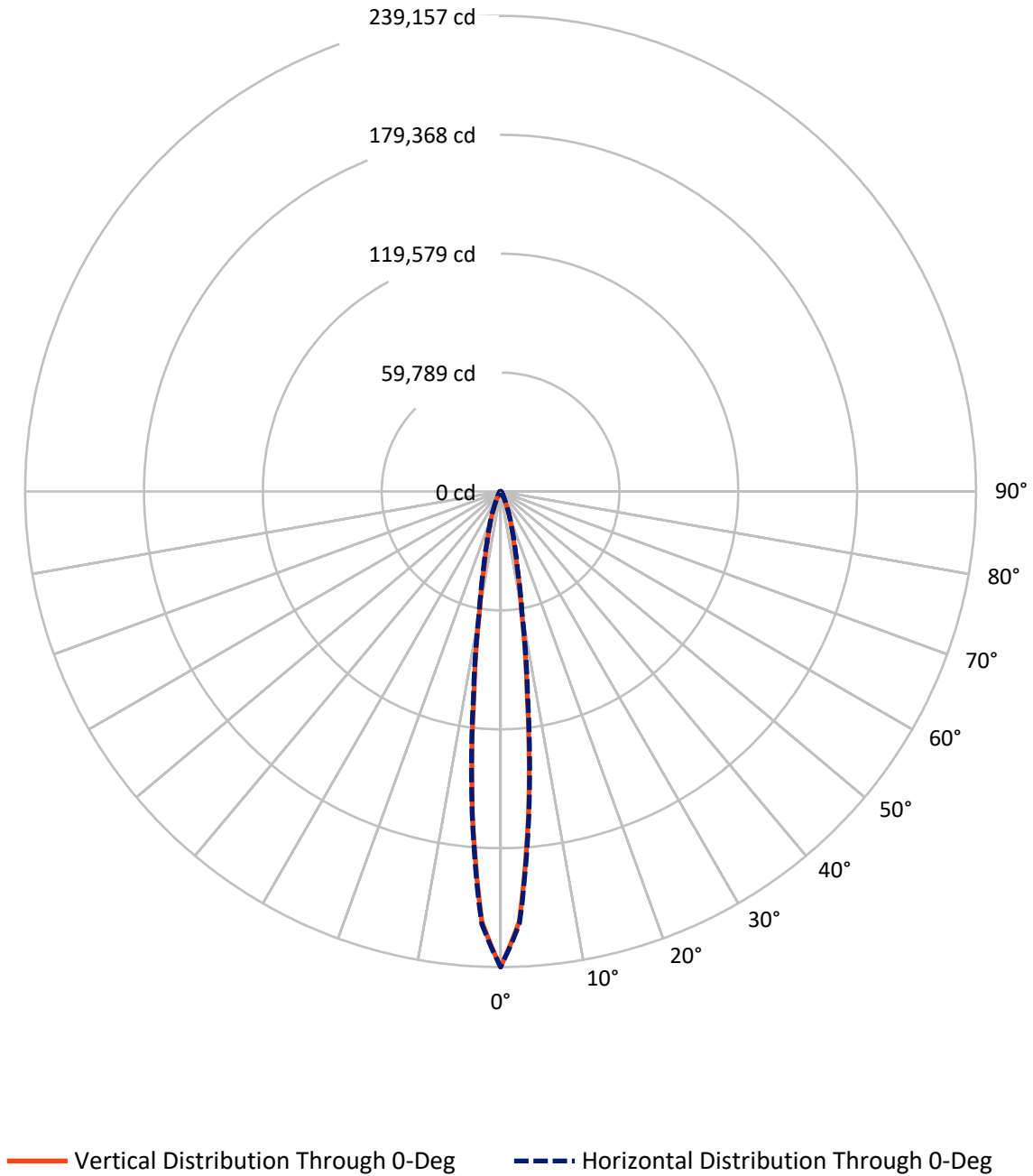
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Lumen Table

90	0.4		3.5		9.1		14.8		16.1		14.8		9.1		3.5		0.4		
80	0.4		3.5		9.1		14.8		16.1		14.8		9.1		3.5		0.4		
70	1.6	1.8	3.7	6.0	8.5	10.4	11.7	12.2	12.2	11.7	10.4	8.5	6.0	3.7	1.8	1.6			
60		2.7	5.5	8.9	12.0	14.6	16.4	17.1	17.1	16.4	14.6	12.0	8.9	5.5	2.7				
50	2.8	3.5	7.1	11.0	14.7	18.5	21.7	23.4	23.4	21.7	18.5	14.7	11.0	7.1	3.5	2.8			
40		4.3	8.4	12.7	18.1	26.0	36.6	45.3	45.3	36.6	26.0	18.1	12.7	8.4	4.3				
30	3.6	4.8	9.2	14.4	23.4	46.4	105.7	174.9	174.9	105.7	46.4	23.4	14.4	9.2	4.8	3.6			
20		5.1	9.6	15.8	31.0	98.5	349.9	753.5	753.5	349.9	98.5	31.0	15.8	9.6	5.1				
10	3.9	5.3	9.9	16.8	37.5	162.4	760.5	3285.4	3285.4	760.5	162.4	37.5	16.8	9.9	5.3	3.9			
0		5.3	9.9	16.8	37.5	162.4	760.5	3285.4	3285.4	760.5	162.4	37.5	16.8	9.9	5.3				
-10	3.6	5.1	9.6	15.8	31.0	98.5	349.9	753.5	753.5	349.9	98.5	31.0	15.8	9.6	5.1	3.6			
-20		4.8	9.2	14.4	23.4	46.4	105.7	174.9	174.9	105.7	46.4	23.4	14.4	9.2	4.8				
-30	2.8	4.3	8.4	12.7	18.1	26.0	36.6	45.3	45.3	36.6	26.0	18.1	12.7	8.4	4.3	2.8			
-40		3.5	7.1	11.0	14.7	18.5	21.7	23.4	23.4	21.7	18.5	14.7	11.0	7.1	3.5				
-50	1.6	2.7	5.5	8.9	12.0	14.6	16.4	17.1	17.1	16.4	14.6	12.0	8.9	5.5	2.7	1.6			
-60		1.8	3.7	6.0	8.5	10.4	11.7	12.2	12.2	11.7	10.4	8.5	6.0	3.7	1.8				
-70	0.4		3.5		9.1		14.8		16.1		14.8		9.1		3.5		0.4		
-80	0.4		3.5		9.1		14.8		16.1		14.8		9.1		3.5		0.4		
-90	0.4		3.5		9.1		14.8		16.1		14.8		9.1		3.5		0.4		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

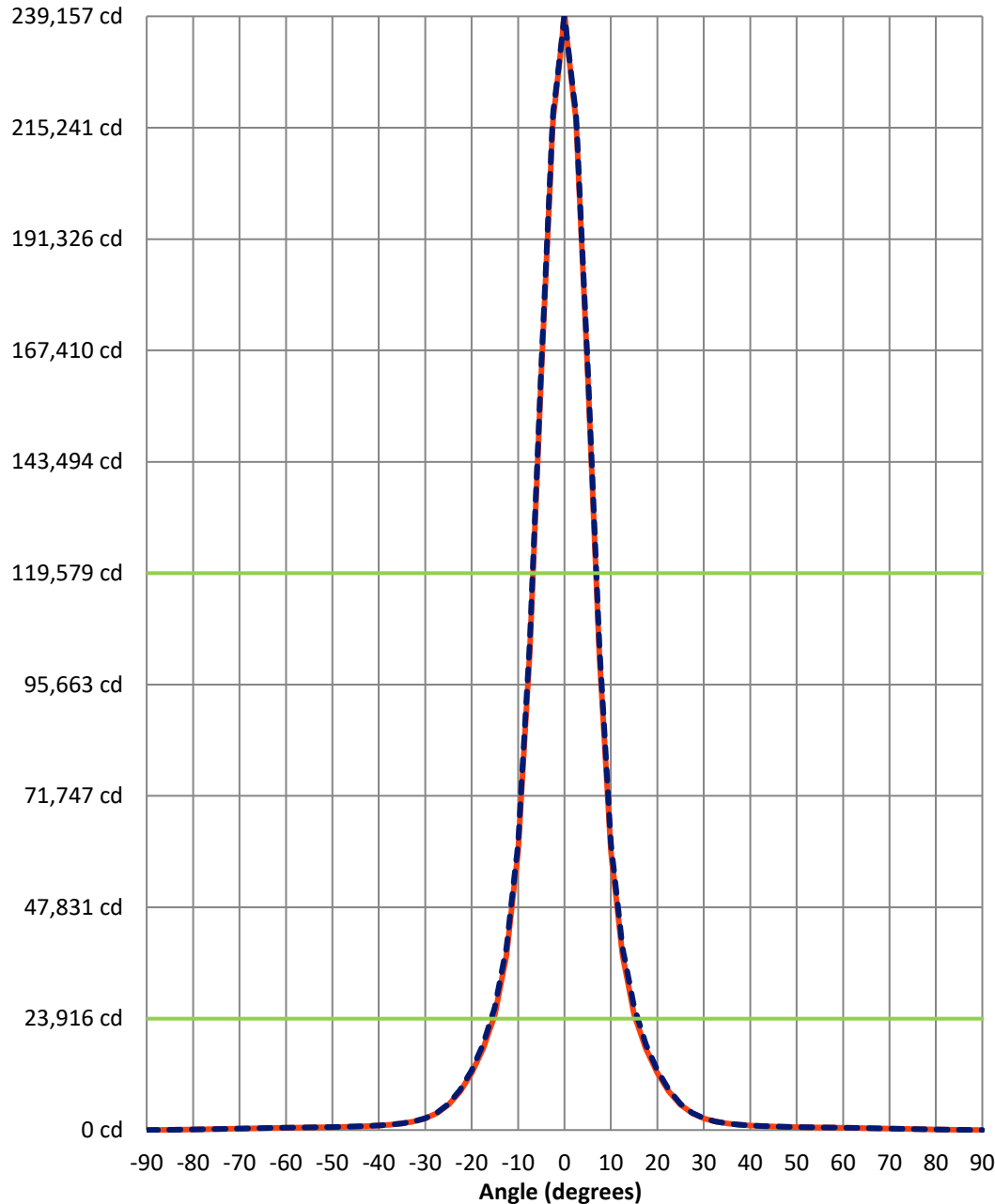
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 7508.2
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 16896.5
 Efficiency: 66.5%

Spill:
 Lumens: 8498.5
 Efficiency: 33.5%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.8	1.8	2.7	3.6	4.4	5.3	6.2	7.0	7.8	8.7
85°	0.0	1.6	3.6	5.3	7.1	8.9	10.6	12.3	14.0	15.7	17.3
82.5°	0.0	2.3	5.3	8.0	10.6	13.3	15.9	18.4	21.2	25.0	28.6
80°	0.0	3.1	7.1	10.6	14.2	17.7	21.4	26.6	31.6	36.6	41.5
77.5°	0.0	3.9	8.8	13.3	17.7	22.7	29.2	35.6	41.9	48.1	54.8
75°	0.0	4.6	10.5	15.9	21.3	28.8	36.8	44.6	52.3	61.0	69.6
72.5°	0.0	5.4	12.2	18.4	26.0	34.9	44.3	53.9	64.2	74.3	84.2
70°	0.0	6.1	13.8	21.1	30.6	40.8	51.9	64.2	75.9	87.4	100.4
67.5°	0.0	6.8	15.4	24.4	35.1	46.6	60.5	74.3	87.4	102.2	116.7
65°	0.0	7.5	16.9	27.5	39.4	52.9	68.9	84.2	100.4	116.7	133.9
62.5°	0.0	8.2	18.4	30.6	43.7	59.8	77.1	95.0	113.1	131.6	153.1
60°	0.0	8.8	19.8	33.6	47.8	66.5	85.2	105.9	125.6	148.1	171.8
57.5°	0.0	9.4	21.6	36.5	52.9	73.1	94.0	116.5	139.2	164.1	189.9
55°	0.0	10.0	23.5	39.3	58.0	79.4	102.8	126.7	152.7	179.6	207.3
52.5°	0.0	10.6	25.2	42.0	62.9	85.7	111.2	137.7	165.8	194.4	224.0
50°	0.0	11.2	26.9	44.5	67.7	92.5	119.4	148.5	178.2	208.6	240.0
47.5°	0.0	11.7	28.6	47.2	72.3	99.1	127.4	158.9	190.1	222.0	255.7
45°	0.0	12.2	30.2	50.5	76.7	105.4	136.0	168.8	201.5	235.8	271.0
42.5°	0.0	12.6	31.8	53.6	80.8	111.4	144.1	178.4	212.4	249.3	285.9
40°	0.0	13.1	33.2	56.7	85.1	117.1	151.9	187.5	223.2	262.2	300.4
37.5°	0.0	13.4	34.7	59.7	89.4	122.5	159.3	196.1	233.9	274.3	314.5
35°	0.0	13.8	36.0	62.4	93.5	128.1	166.2	204.2	243.9	285.7	328.0
32.5°	0.0	14.1	37.3	65.1	97.3	133.5	172.7	211.9	253.1	296.3	339.8
30°	0.0	14.4	38.5	67.5	100.9	138.5	178.8	219.0	261.5	306.2	350.5
27.5°	0.0	14.7	39.7	69.8	104.3	143.1	184.4	225.9	269.3	315.3	360.1
25°	0.0	14.9	40.7	71.9	107.5	147.4	189.5	232.0	276.6	323.3	368.6
22.5°	0.0	15.1	41.7	73.8	110.4	151.2	194.1	237.4	283.2	330.3	376.0
20°	0.0	15.3	42.6	75.5	113.0	154.5	198.3	242.2	289.0	336.3	382.6
17.5°	0.0	15.4	43.4	77.0	115.3	157.3	201.7	246.3	294.1	341.3	388.5
15°	0.0	15.5	44.1	78.3	117.4	159.7	204.5	249.9	298.4	345.4	393.6
12.5°	0.0	15.6	44.7	79.4	119.1	161.5	206.8	253.2	302.1	348.5	397.8
10°	0.0	15.6	45.2	80.4	120.5	162.9	208.5	256.0	304.8	351.9	401.9
7.5°	0.0	15.6	45.6	81.1	121.6	163.8	209.7	258.3	306.7	354.8	406.6
5°	0.0	15.6	45.9	81.6	122.4	164.3	210.4	259.9	307.8	356.9	410.4
2.5°	0.0	15.5	46.0	81.9	122.8	164.4	210.5	261.0	308.0	358.2	413.3
0°	0.0	15.4	46.1	82.0	123.0	164.0	210.1	261.3	307.4	358.7	415.0
-2.5°	0.0	15.5	46.0	81.9	122.8	164.4	210.5	261.0	308.0	358.2	413.3
-5°	0.0	15.6	45.9	81.6	122.4	164.3	210.4	259.9	307.8	356.9	410.4
-7.5°	0.0	15.6	45.6	81.1	121.6	163.8	209.7	258.3	306.7	354.8	406.6
-10°	0.0	15.6	45.2	80.4	120.5	162.9	208.5	256.0	304.8	351.9	401.9
-12.5°	0.0	15.6	44.7	79.4	119.1	161.5	206.8	253.2	302.1	348.5	397.8
-15°	0.0	15.5	44.1	78.3	117.4	159.7	204.5	249.9	298.4	345.4	393.6
-17.5°	0.0	15.4	43.4	77.0	115.3	157.3	201.7	246.3	294.1	341.3	388.5
-20°	0.0	15.3	42.6	75.5	113.0	154.5	198.3	242.2	289.0	336.3	382.6

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	15.1	41.7	73.8	110.4	151.2	194.1	237.4	283.2	330.3	376.0
-25°	0.0	14.9	40.7	71.9	107.5	147.4	189.5	232.0	276.6	323.3	368.6
-27.5°	0.0	14.7	39.7	69.8	104.3	143.1	184.4	225.9	269.3	315.3	360.1
-30°	0.0	14.4	38.5	67.5	100.9	138.5	178.8	219.0	261.5	306.2	350.5
-32.5°	0.0	14.1	37.3	65.1	97.3	133.5	172.7	211.9	253.1	296.3	339.8
-35°	0.0	13.8	36.0	62.4	93.5	128.1	166.2	204.2	243.9	285.7	328.0
-37.5°	0.0	13.4	34.7	59.7	89.4	122.5	159.3	196.1	233.9	274.3	314.5
-40°	0.0	13.1	33.2	56.7	85.1	117.1	151.9	187.5	223.2	262.2	300.4
-42.5°	0.0	12.6	31.8	53.6	80.8	111.4	144.1	178.4	212.4	249.3	285.9
-45°	0.0	12.2	30.2	50.5	76.7	105.4	136.0	168.8	201.5	235.8	271.0
-47.5°	0.0	11.7	28.6	47.2	72.3	99.1	127.4	158.9	190.1	222.0	255.7
-50°	0.0	11.2	26.9	44.5	67.7	92.5	119.4	148.5	178.2	208.6	240.0
-52.5°	0.0	10.6	25.2	42.0	62.9	85.7	111.2	137.7	165.8	194.4	224.0
-55°	0.0	10.0	23.5	39.3	58.0	79.4	102.8	126.7	152.7	179.6	207.3
-57.5°	0.0	9.4	21.6	36.5	52.9	73.1	94.0	116.5	139.2	164.1	189.9
-60°	0.0	8.8	19.8	33.6	47.8	66.5	85.2	105.9	125.6	148.1	171.8
-62.5°	0.0	8.2	18.4	30.6	43.7	59.8	77.1	95.0	113.1	131.6	153.1
-65°	0.0	7.5	16.9	27.5	39.4	52.9	68.9	84.2	100.4	116.7	133.9
-67.5°	0.0	6.8	15.4	24.4	35.1	46.6	60.5	74.3	87.4	102.2	116.7
-70°	0.0	6.1	13.8	21.1	30.6	40.8	51.9	64.2	75.9	87.4	100.4
-72.5°	0.0	5.4	12.2	18.4	26.0	34.9	44.3	53.9	64.2	74.3	84.2
-75°	0.0	4.6	10.5	15.9	21.3	28.8	36.8	44.6	52.3	61.0	69.6
-77.5°	0.0	3.9	8.8	13.3	17.7	22.7	29.2	35.6	41.9	48.1	54.8
-80°	0.0	3.1	7.1	10.6	14.2	17.7	21.4	26.6	31.6	36.6	41.5
-82.5°	0.0	2.3	5.3	8.0	10.6	13.3	15.9	18.4	21.2	25.0	28.6
-85°	0.0	1.6	3.6	5.3	7.1	8.9	10.6	12.3	14.0	15.7	17.3
-87.5°	0.0	0.8	1.8	2.7	3.6	4.4	5.3	6.2	7.0	7.8	8.7
-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°	9.5	10.2	11.0	11.8	12.5	13.2	13.8	14.5	15.1	15.7	16.3
85°	18.9	20.5	22.8	25.0	26.9	28.5	29.9	31.1	33.2	35.4	37.7
82.5°	32.2	35.8	39.2	42.5	44.8	46.7	48.4	51.1	55.6	59.9	63.9
80°	46.3	51.0	56.3	61.5	65.9	70.4	75.0	79.8	84.8	89.5	94.0
77.5°	61.8	68.6	75.3	81.8	88.3	95.3	102.0	108.5	114.7	120.6	126.3
75°	78.0	86.2	95.2	104.1	112.8	121.2	129.4	138.2	146.6	154.6	162.2
72.5°	95.0	105.9	116.6	127.0	138.2	149.2	159.8	170.1	180.0	190.5	201.5
70°	113.1	125.6	139.5	152.8	165.3	178.4	191.6	202.9	213.7	228.0	242.8
67.5°	131.7	148.6	164.2	179.2	196.0	211.5	224.9	239.2	254.6	271.2	285.7
65°	153.7	172.0	190.2	209.2	228.5	244.6	261.4	279.2	296.6	313.1	328.9
62.5°	175.3	196.0	217.0	237.7	257.5	276.8	297.1	316.9	336.0	355.3	372.3
60°	196.2	219.7	241.8	263.4	285.9	309.9	332.4	354.3	377.3	399.1	410.5
57.5°	216.4	241.5	264.6	288.9	315.3	342.4	365.9	390.8	410.5	425.6	440.4
55°	235.4	261.4	286.8	314.1	342.8	370.9	397.1	419.3	437.4	451.3	467.0
52.5°	253.1	280.6	308.2	338.0	368.5	398.5	425.9	446.7	463.0	477.2	491.9
50°	270.6	299.4	328.6	361.3	393.9	425.9	452.8	471.8	487.1	501.7	516.8
47.5°	287.7	318.0	349.4	384.2	419.6	450.4	475.9	493.3	508.8	525.9	542.4
45°	304.5	337.3	370.6	407.9	443.5	473.2	494.9	512.3	531.4	549.9	567.6
42.5°	320.9	356.3	392.4	431.1	465.5	492.3	512.4	533.0	553.7	573.4	593.3
40°	337.5	374.5	412.7	451.3	485.9	509.0	530.4	552.6	575.3	596.7	618.9
37.5°	353.4	391.7	431.1	470.1	501.4	524.9	547.1	571.6	595.6	618.9	647.8
35°	368.5	407.3	447.1	484.7	514.9	539.2	564.1	589.8	615.0	645.2	678.1
32.5°	381.9	421.4	461.6	496.7	526.3	552.5	580.3	607.2	637.5	671.7	711.2
30°	393.3	433.6	474.1	508.3	537.2	564.9	595.1	624.8	660.2	701.3	748.3
27.5°	403.3	444.6	484.0	518.3	547.6	575.2	607.0	644.5	685.1	731.2	786.3
25°	412.6	455.8	493.3	527.3	556.0	584.8	618.8	660.2	709.1	764.6	832.1
22.5°	421.4	466.5	502.8	535.9	562.5	593.6	631.9	677.0	730.2	795.2	877.4
20°	429.8	474.5	510.4	542.7	567.4	601.3	643.5	691.7	752.0	829.6	924.6
17.5°	437.5	481.3	516.3	546.7	573.8	609.5	653.7	703.6	771.0	860.9	968.1
15°	444.6	487.1	521.1	550.0	579.5	618.0	664.4	718.4	792.1	890.6	1006.6
12.5°	450.8	491.7	524.7	552.5	584.1	625.1	673.8	733.8	814.7	919.9	1055.4
10°	456.1	495.3	527.3	554.3	587.5	630.5	681.7	746.3	832.7	942.6	1092.9
7.5°	460.7	498.1	529.1	555.2	589.7	634.2	687.9	755.8	845.3	958.7	1120.0
5°	463.9	500.4	531.2	558.4	593.2	637.2	692.4	762.4	852.7	968.3	1136.9
2.5°	465.7	501.7	532.5	561.4	596.9	639.7	695.8	769.5	858.7	977.6	1149.7
0°	466.3	502.2	532.9	563.6	599.5	640.5	696.9	773.7	860.8	983.8	1158.0
-2.5°	465.7	501.7	532.5	561.4	596.9	639.7	695.8	769.5	858.7	977.6	1149.7
-5°	463.9	500.4	531.2	558.4	593.2	637.2	692.4	762.4	852.7	968.3	1136.9
-7.5°	460.7	498.1	529.1	555.2	589.7	634.2	687.9	755.8	845.3	958.7	1120.0
-10°	456.1	495.3	527.3	554.3	587.5	630.5	681.7	746.3	832.7	942.6	1092.9
-12.5°	450.8	491.7	524.7	552.5	584.1	625.1	673.8	733.8	814.7	919.9	1055.4
-15°	444.6	487.1	521.1	550.0	579.5	618.0	664.4	718.4	792.1	890.6	1006.6
-17.5°	437.5	481.3	516.3	546.7	573.8	609.5	653.7	703.6	771.0	860.9	968.1
-20°	429.8	474.5	510.4	542.7	567.4	601.3	643.5	691.7	752.0	829.6	924.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627299 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	421.4	466.5	502.8	535.9	562.5	593.6	631.9	677.0	730.2	795.2	877.4
-25°	412.6	455.8	493.3	527.3	556.0	584.8	618.8	660.2	709.1	764.6	832.1
-27.5°	403.3	444.6	484.0	518.3	547.6	575.2	607.0	644.5	685.1	731.2	786.3
-30°	393.3	433.6	474.1	508.3	537.2	564.9	595.1	624.8	660.2	701.3	748.3
-32.5°	381.9	421.4	461.6	496.7	526.3	552.5	580.3	607.2	637.5	671.7	711.2
-35°	368.5	407.3	447.1	484.7	514.9	539.2	564.1	589.8	615.0	645.2	678.1
-37.5°	353.4	391.7	431.1	470.1	501.4	524.9	547.1	571.6	595.6	618.9	647.8
-40°	337.5	374.5	412.7	451.3	485.9	509.0	530.4	552.6	575.3	596.7	618.9
-42.5°	320.9	356.3	392.4	431.1	465.5	492.3	512.4	533.0	553.7	573.4	593.3
-45°	304.5	337.3	370.6	407.9	443.5	473.2	494.9	512.3	531.4	549.9	567.6
-47.5°	287.7	318.0	349.4	384.2	419.6	450.4	475.9	493.3	508.8	525.9	542.4
-50°	270.6	299.4	328.6	361.3	393.9	425.9	452.8	471.8	487.1	501.7	516.8
-52.5°	253.1	280.6	308.2	338.0	368.5	398.5	425.9	446.7	463.0	477.2	491.9
-55°	235.4	261.4	286.8	314.1	342.8	370.9	397.1	419.3	437.4	451.3	467.0
-57.5°	216.4	241.5	264.6	288.9	315.3	342.4	365.9	390.8	410.5	425.6	440.4
-60°	196.2	219.7	241.8	263.4	285.9	309.9	332.4	354.3	377.3	399.1	410.5
-62.5°	175.3	196.0	217.0	237.7	257.5	276.8	297.1	316.9	336.0	355.3	372.3
-65°	153.7	172.0	190.2	209.2	228.5	244.6	261.4	279.2	296.6	313.1	328.9
-67.5°	131.7	148.6	164.2	179.2	196.0	211.5	224.9	239.2	254.6	271.2	285.7
-70°	113.1	125.6	139.5	152.8	165.3	178.4	191.6	202.9	213.7	228.0	242.8
-72.5°	95.0	105.9	116.6	127.0	138.2	149.2	159.8	170.1	180.0	190.5	201.5
-75°	78.0	86.2	95.2	104.1	112.8	121.2	129.4	138.2	146.6	154.6	162.2
-77.5°	61.8	68.6	75.3	81.8	88.3	95.3	102.0	108.5	114.7	120.6	126.3
-80°	46.3	51.0	56.3	61.5	65.9	70.4	75.0	79.8	84.8	89.5	94.0
-82.5°	32.2	35.8	39.2	42.5	44.8	46.7	48.4	51.1	55.6	59.9	63.9
-85°	18.9	20.5	22.8	25.0	26.9	28.5	29.9	31.1	33.2	35.4	37.7
-87.5°	9.5	10.2	11.0	11.8	12.5	13.2	13.8	14.5	15.1	15.7	16.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627299 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-U-NR-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°	16.8	17.3	17.8	18.2	18.6	18.9	19.3	19.6	19.8	18.8	17.7
85°	40.0	41.6	43.0	44.2	45.4	46.5	47.5	48.4	49.1	48.5	47.7
82.5°	67.5	70.2	72.6	74.9	77.0	78.9	80.6	82.1	83.4	83.3	82.9
80°	98.2	102.6	107.0	111.4	115.7	118.3	120.2	121.6	122.6	123.0	123.1
77.5°	132.0	138.8	145.9	152.9	159.7	163.7	166.4	168.8	170.6	171.0	170.7
75°	169.4	178.2	187.9	196.4	203.7	208.2	211.3	214.0	216.1	216.6	216.4
72.5°	213.0	223.8	232.5	239.6	245.8	250.7	254.6	257.9	260.6	261.7	261.9
70°	255.8	266.4	274.7	282.0	288.0	293.1	297.7	301.8	305.1	307.5	309.3
67.5°	299.1	311.4	319.8	326.4	331.6	336.8	343.1	348.5	353.0	356.0	357.6
65°	343.7	356.3	364.4	371.6	378.0	384.6	391.6	396.7	400.0	402.1	403.5
62.5°	386.8	398.5	408.8	418.4	427.5	435.1	439.9	444.1	447.8	450.8	453.2
60°	423.8	438.9	450.3	459.4	468.4	477.0	482.9	487.5	491.2	493.8	495.5
57.5°	455.4	470.7	484.3	493.1	502.8	513.1	519.9	523.8	527.4	530.5	531.9
55°	483.1	497.2	509.6	521.8	532.7	542.0	549.2	554.4	558.8	562.3	563.5
52.5°	507.9	523.3	537.9	550.8	561.5	570.4	577.5	584.0	589.0	592.4	593.9
50°	534.0	550.5	566.3	580.3	591.3	601.3	610.2	617.9	625.2	631.0	635.2
47.5°	559.7	577.3	594.7	610.2	623.3	637.8	650.7	661.7	672.4	681.1	687.1
45°	585.6	605.9	624.8	644.8	662.6	681.5	699.2	714.3	729.8	741.6	749.5
42.5°	614.4	637.5	660.2	685.1	709.4	734.1	760.7	784.4	802.7	820.0	833.9
40°	645.2	671.7	701.3	731.8	767.6	800.1	835.9	866.6	894.4	923.8	947.1
37.5°	678.1	711.2	750.1	790.9	837.2	881.8	928.5	974.3	1014.4	1061.7	1097.8
35°	714.5	758.6	806.5	861.7	919.4	983.2	1047.1	1120.9	1184.4	1254.3	1315.2
32.5°	757.5	810.1	873.0	945.9	1020.0	1116.8	1207.2	1324.7	1426.3	1537.2	1648.8
30°	801.7	870.6	951.8	1043.5	1161.4	1294.4	1442.7	1617.5	1797.7	1972.1	2182.4
27.5°	856.6	939.7	1038.0	1172.0	1345.5	1525.2	1780.3	2042.7	2373.9	2647.9	3034.2
25°	913.6	1011.4	1151.0	1333.3	1559.8	1871.8	2258.7	2678.1	3260.9	3773.0	4373.6
22.5°	975.6	1107.6	1281.4	1506.4	1849.8	2328.7	2914.6	3704.0	4563.7	5476.5	6384.4
20°	1040.2	1199.9	1427.7	1753.8	2225.0	2873.7	3879.4	5098.2	6326.3	7832.3	9165.9
17.5°	1115.0	1318.3	1599.0	2006.9	2635.7	3629.3	5024.5	6726.0	8631.3	10796.7	12719.2
15°	1177.4	1419.8	1774.1	2344.7	3209.5	4485.5	6245.0	8585.7	11448.9	14357.0	17307.5
12.5°	1249.8	1530.1	1946.2	2626.6	3712.7	5408.7	7803.6	10766.2	14342.0	18375.7	23131.0
10°	1314.0	1638.5	2155.8	2998.0	4325.3	6371.4	9278.0	12842.2	17456.9	23260.4	30624.3
7.5°	1361.7	1724.7	2317.5	3280.6	4854.8	7297.0	10671.0	15115.5	20979.2	28642.8	38749.2
5°	1392.6	1787.1	2432.0	3498.6	5269.4	7985.9	11691.9	16727.9	23802.0	34641.0	51754.6
2.5°	1411.1	1824.1	2497.3	3626.5	5521.5	8442.4	12468.6	17947.1	25631.5	38347.8	60119.6
0°	1419.3	1834.4	2536.4	3694.4	5605.6	8618.5	12825.3	18502.7	26450.0	39213.9	61590.3
-2.5°	1411.1	1824.1	2497.3	3626.5	5521.5	8442.4	12468.6	17947.1	25631.5	38347.8	60119.6
-5°	1392.6	1787.1	2432.0	3498.6	5269.4	7985.9	11691.9	16727.9	23802.0	34641.0	51754.6
-7.5°	1361.7	1724.7	2317.5	3280.6	4854.8	7297.0	10671.0	15115.5	20979.2	28642.8	38749.2
-10°	1314.0	1638.5	2155.8	2998.0	4325.3	6371.4	9278.0	12842.2	17456.9	23260.4	30624.3
-12.5°	1249.8	1530.1	1946.2	2626.6	3712.7	5408.7	7803.6	10766.2	14342.0	18375.7	23131.0
-15°	1177.4	1419.8	1774.1	2344.7	3209.5	4485.5	6245.0	8585.7	11448.9	14357.0	17307.5
-17.5°	1115.0	1318.3	1599.0	2006.9	2635.7	3629.3	5024.5	6726.0	8631.3	10796.7	12719.2
-20°	1040.2	1199.9	1427.7	1753.8	2225.0	2873.7	3879.4	5098.2	6326.3	7832.3	9165.9

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627299 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	975.6	1107.6	1281.4	1506.4	1849.8	2328.7	2914.6	3704.0	4563.7	5476.5	6384.4
-25°	913.6	1011.4	1151.0	1333.3	1559.8	1871.8	2258.7	2678.1	3260.9	3773.0	4373.6
-27.5°	856.6	939.7	1038.0	1172.0	1345.5	1525.2	1780.3	2042.7	2373.9	2647.9	3034.2
-30°	801.7	870.6	951.8	1043.5	1161.4	1294.4	1442.7	1617.5	1797.7	1972.1	2182.4
-32.5°	757.5	810.1	873.0	945.9	1020.0	1116.8	1207.2	1324.7	1426.3	1537.2	1648.8
-35°	714.5	758.6	806.5	861.7	919.4	983.2	1047.1	1120.9	1184.4	1254.3	1315.2
-37.5°	678.1	711.2	750.1	790.9	837.2	881.8	928.5	974.3	1014.4	1061.7	1097.8
-40°	645.2	671.7	701.3	731.8	767.6	800.1	835.9	866.6	894.4	923.8	947.1
-42.5°	614.4	637.5	660.2	685.1	709.4	734.1	760.7	784.4	802.7	820.0	833.9
-45°	585.6	605.9	624.8	644.8	662.6	681.5	699.2	714.3	729.8	741.6	749.5
-47.5°	559.7	577.3	594.7	610.2	623.3	637.8	650.7	661.7	672.4	681.1	687.1
-50°	534.0	550.5	566.3	580.3	591.3	601.3	610.2	617.9	625.2	631.0	635.2
-52.5°	507.9	523.3	537.9	550.8	561.5	570.4	577.5	584.0	589.0	592.4	593.9
-55°	483.1	497.2	509.6	521.8	532.7	542.0	549.2	554.4	558.8	562.3	563.5
-57.5°	455.4	470.7	484.3	493.1	502.8	513.1	519.9	523.8	527.4	530.5	531.9
-60°	423.8	438.9	450.3	459.4	468.4	477.0	482.9	487.5	491.2	493.8	495.5
-62.5°	386.8	398.5	408.8	418.4	427.5	435.1	439.9	444.1	447.8	450.8	453.2
-65°	343.7	356.3	364.4	371.6	378.0	384.6	391.6	396.7	400.0	402.1	403.5
-67.5°	299.1	311.4	319.8	326.4	331.6	336.8	343.1	348.5	353.0	356.0	357.6
-70°	255.8	266.4	274.7	282.0	288.0	293.1	297.7	301.8	305.1	307.5	309.3
-72.5°	213.0	223.8	232.5	239.6	245.8	250.7	254.6	257.9	260.6	261.7	261.9
-75°	169.4	178.2	187.9	196.4	203.7	208.2	211.3	214.0	216.1	216.6	216.4
-77.5°	132.0	138.8	145.9	152.9	159.7	163.7	166.4	168.8	170.6	171.0	170.7
-80°	98.2	102.6	107.0	111.4	115.7	118.3	120.2	121.6	122.6	123.0	123.1
-82.5°	67.5	70.2	72.6	74.9	77.0	78.9	80.6	82.1	83.4	83.3	82.9
-85°	40.0	41.6	43.0	44.2	45.4	46.5	47.5	48.4	49.1	48.5	47.7
-87.5°	16.8	17.3	17.8	18.2	18.6	18.9	19.3	19.6	19.8	18.8	17.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627299 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-750-U-NR-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°	16.5	15.3	15.4	15.4	15.4	15.3	16.5	17.7	18.8	19.8	19.6
85°	46.9	45.9	46.0	46.1	46.0	45.9	46.9	47.7	48.5	49.1	48.4
82.5°	82.4	81.6	81.9	82.0	81.9	81.6	82.4	82.9	83.3	83.4	82.1
80°	122.9	122.4	120.3	117.9	120.3	122.4	122.9	123.1	123.0	122.6	121.6
77.5°	169.8	168.3	166.4	164.0	166.4	168.3	169.8	170.7	171.0	170.6	168.8
75°	215.6	214.3	214.9	215.2	214.9	214.3	215.6	216.4	216.6	216.1	214.0
72.5°	261.4	260.3	261.0	261.3	261.0	260.3	261.4	261.9	261.7	260.6	257.9
70°	310.6	311.1	309.8	307.4	309.8	311.1	310.6	309.3	307.5	305.1	301.8
67.5°	358.0	357.4	355.9	353.6	355.9	357.4	358.0	357.6	356.0	353.0	348.5
65°	403.9	403.5	404.3	404.8	404.3	403.5	403.9	403.5	402.1	400.0	396.7
62.5°	454.3	454.3	453.2	450.9	453.2	454.3	454.3	453.2	450.8	447.8	444.1
60°	496.1	495.7	494.3	491.9	494.3	495.7	496.1	495.5	493.8	491.2	487.5
57.5°	532.4	531.8	530.3	527.8	530.3	531.8	532.4	531.9	530.5	527.4	523.8
55°	563.6	562.9	561.1	558.5	561.1	562.9	563.6	563.5	562.3	558.8	554.4
52.5°	594.3	593.7	593.9	594.4	593.9	593.7	594.3	593.9	592.4	589.0	584.0
50°	637.8	638.7	637.9	635.4	637.9	638.7	637.8	635.2	631.0	625.2	617.9
47.5°	689.9	690.3	689.0	686.6	689.0	690.3	689.9	687.1	681.1	672.4	661.7
45°	755.7	759.4	760.4	758.4	760.4	759.4	755.7	749.5	741.6	729.8	714.3
42.5°	844.7	850.5	852.2	850.6	852.2	850.5	844.7	833.9	820.0	802.7	784.4
40°	961.5	968.1	969.4	968.4	969.4	968.1	961.5	947.1	923.8	894.4	866.6
37.5°	1123.1	1139.3	1146.9	1147.8	1146.9	1139.3	1123.1	1097.8	1061.7	1014.4	974.3
35°	1361.6	1393.8	1411.0	1419.3	1411.0	1393.8	1361.6	1315.2	1254.3	1184.4	1120.9
32.5°	1733.5	1797.9	1833.7	1829.3	1833.7	1797.9	1733.5	1648.8	1537.2	1426.3	1324.7
30°	2341.0	2453.7	2510.4	2495.4	2510.4	2453.7	2341.0	2182.4	1972.1	1797.7	1617.5
27.5°	3311.6	3515.3	3633.1	3617.5	3633.1	3515.3	3311.6	3034.2	2647.9	2373.9	2042.7
25°	4875.6	5247.3	5485.2	5426.3	5485.2	5247.3	4875.6	4373.6	3773.0	3260.9	2678.1
22.5°	7254.8	7884.4	8301.0	8249.6	8301.0	7884.4	7254.8	6384.4	5476.5	4563.7	3704.0
20°	10518.2	11476.5	12160.8	12251.5	12160.8	11476.5	10518.2	9165.9	7832.3	6326.3	5098.2
17.5°	14795.9	16315.5	17373.2	17549.7	17373.2	16315.5	14795.9	12719.2	10796.7	8631.3	6726.0
15°	20355.5	22839.0	24636.4	24784.7	24636.4	22839.0	20355.5	17307.5	14357.0	11448.9	8585.7
12.5°	27904.5	32899.6	36159.5	37594.7	36159.5	32899.6	27904.5	23131.0	18375.7	14342.0	10766.2
10°	38352.1	49825.3	57173.1	59935.3	57173.1	49825.3	38352.1	30624.3	23260.4	17456.9	12842.2
7.5°	55802.5	73815.8	93842.0	102377.3	93842.0	73815.8	55802.5	38749.2	28642.8	20979.2	15115.5
5°	75563.7	112948.8	148508.5	162394.6	148508.5	112948.8	75563.7	51754.6	34641.0	23802.0	16727.9
2.5°	96357.7	148466.9	197297.3	216393.7	197297.3	148466.9	96357.7	60119.6	38347.8	25631.5	17947.1
0°	104478.2	164018.9	217743.9	239157.0	217743.9	164018.9	104478.2	61590.3	39213.9	26450.0	18502.7
-2.5°	96357.7	148466.9	197297.3	216393.7	197297.3	148466.9	96357.7	60119.6	38347.8	25631.5	17947.1
-5°	75563.7	112948.8	148508.5	162394.6	148508.5	112948.8	75563.7	51754.6	34641.0	23802.0	16727.9
-7.5°	55802.5	73815.8	93842.0	102377.3	93842.0	73815.8	55802.5	38749.2	28642.8	20979.2	15115.5
-10°	38352.1	49825.3	57173.1	59935.3	57173.1	49825.3	38352.1	30624.3	23260.4	17456.9	12842.2
-12.5°	27904.5	32899.6	36159.5	37594.7	36159.5	32899.6	27904.5	23131.0	18375.7	14342.0	10766.2
-15°	20355.5	22839.0	24636.4	24784.7	24636.4	22839.0	20355.5	17307.5	14357.0	11448.9	8585.7
-17.5°	14795.9	16315.5	17373.2	17549.7	17373.2	16315.5	14795.9	12719.2	10796.7	8631.3	6726.0
-20°	10518.2	11476.5	12160.8	12251.5	12160.8	11476.5	10518.2	9165.9	7832.3	6326.3	5098.2



REPORT NUMBER: P627299 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-750-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7254.8	7884.4	8301.0	8249.6	8301.0	7884.4	7254.8	6384.4	5476.5	4563.7	3704.0
-25°	4875.6	5247.3	5485.2	5426.3	5485.2	5247.3	4875.6	4373.6	3773.0	3260.9	2678.1
-27.5°	3311.6	3515.3	3633.1	3617.5	3633.1	3515.3	3311.6	3034.2	2647.9	2373.9	2042.7
-30°	2341.0	2453.7	2510.4	2495.4	2510.4	2453.7	2341.0	2182.4	1972.1	1797.7	1617.5
-32.5°	1733.5	1797.9	1833.7	1829.3	1833.7	1797.9	1733.5	1648.8	1537.2	1426.3	1324.7
-35°	1361.6	1393.8	1411.0	1419.3	1411.0	1393.8	1361.6	1315.2	1254.3	1184.4	1120.9
-37.5°	1123.1	1139.3	1146.9	1147.8	1146.9	1139.3	1123.1	1097.8	1061.7	1014.4	974.3
-40°	961.5	968.1	969.4	968.4	969.4	968.1	961.5	947.1	923.8	894.4	866.6
-42.5°	844.7	850.5	852.2	850.6	852.2	850.5	844.7	833.9	820.0	802.7	784.4
-45°	755.7	759.4	760.4	758.4	760.4	759.4	755.7	749.5	741.6	729.8	714.3
-47.5°	689.9	690.3	689.0	686.6	689.0	690.3	689.9	687.1	681.1	672.4	661.7
-50°	637.8	638.7	637.9	635.4	637.9	638.7	637.8	635.2	631.0	625.2	617.9
-52.5°	594.3	593.7	593.9	594.4	593.9	593.7	594.3	593.9	592.4	589.0	584.0
-55°	563.6	562.9	561.1	558.5	561.1	562.9	563.6	563.5	562.3	558.8	554.4
-57.5°	532.4	531.8	530.3	527.8	530.3	531.8	532.4	531.9	530.5	527.4	523.8
-60°	496.1	495.7	494.3	491.9	494.3	495.7	496.1	495.5	493.8	491.2	487.5
-62.5°	454.3	454.3	453.2	450.9	453.2	454.3	454.3	453.2	450.8	447.8	444.1
-65°	403.9	403.5	404.3	404.8	404.3	403.5	403.9	403.5	402.1	400.0	396.7
-67.5°	358.0	357.4	355.9	353.6	355.9	357.4	358.0	357.6	356.0	353.0	348.5
-70°	310.6	311.1	309.8	307.4	309.8	311.1	310.6	309.3	307.5	305.1	301.8
-72.5°	261.4	260.3	261.0	261.3	261.0	260.3	261.4	261.9	261.7	260.6	257.9
-75°	215.6	214.3	214.9	215.2	214.9	214.3	215.6	216.4	216.6	216.1	214.0
-77.5°	169.8	168.3	166.4	164.0	166.4	168.3	169.8	170.7	171.0	170.6	168.8
-80°	122.9	122.4	120.3	117.9	120.3	122.4	122.9	123.1	123.0	122.6	121.6
-82.5°	82.4	81.6	81.9	82.0	81.9	81.6	82.4	82.9	83.3	83.4	82.1
-85°	46.9	45.9	46.0	46.1	46.0	45.9	46.9	47.7	48.5	49.1	48.4
-87.5°	16.5	15.3	15.4	15.4	15.4	15.3	16.5	17.7	18.8	19.8	19.6
-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: P627299 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-U-NR-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°	19.3	18.9	18.6	18.2	17.8	17.3	16.8	16.3	15.7	15.1	14.5
85°	47.5	46.5	45.4	44.2	43.0	41.6	40.0	37.7	35.4	33.2	31.1
82.5°	80.6	78.9	77.0	74.9	72.6	70.2	67.5	63.9	59.9	55.6	51.1
80°	120.2	118.3	115.7	111.4	107.0	102.6	98.2	94.0	89.5	84.8	79.8
77.5°	166.4	163.7	159.7	152.9	145.9	138.8	132.0	126.3	120.6	114.7	108.5
75°	211.3	208.2	203.7	196.4	187.9	178.2	169.4	162.2	154.6	146.6	138.2
72.5°	254.6	250.7	245.8	239.6	232.5	223.8	213.0	201.5	190.5	180.0	170.1
70°	297.7	293.1	288.0	282.0	274.7	266.4	255.8	242.8	228.0	213.7	202.9
67.5°	343.1	336.8	331.6	326.4	319.8	311.4	299.1	285.7	271.2	254.6	239.2
65°	391.6	384.6	378.0	371.6	364.4	356.3	343.7	328.9	313.1	296.6	279.2
62.5°	439.9	435.1	427.5	418.4	408.8	398.5	386.8	372.3	355.3	336.0	316.9
60°	482.9	477.0	468.4	459.4	450.3	438.9	423.8	410.5	399.1	377.3	354.3
57.5°	519.9	513.1	502.8	493.1	484.3	470.7	455.4	440.4	425.6	410.5	390.8
55°	549.2	542.0	532.7	521.8	509.6	497.2	483.1	467.0	451.3	437.4	419.3
52.5°	577.5	570.4	561.5	550.8	537.9	523.3	507.9	491.9	477.2	463.0	446.7
50°	610.2	601.3	591.3	580.3	566.3	550.5	534.0	516.8	501.7	487.1	471.8
47.5°	650.7	637.8	623.3	610.2	594.7	577.3	559.7	542.4	525.9	508.8	493.3
45°	699.2	681.5	662.6	644.8	624.8	605.9	585.6	567.6	549.9	531.4	512.3
42.5°	760.7	734.1	709.4	685.1	660.2	637.5	614.4	593.3	573.4	553.7	533.0
40°	835.9	800.1	767.6	731.8	701.3	671.7	645.2	618.9	596.7	575.3	552.6
37.5°	928.5	881.8	837.2	790.9	750.1	711.2	678.1	647.8	618.9	595.6	571.6
35°	1047.1	983.2	919.4	861.7	806.5	758.6	714.5	678.1	645.2	615.0	589.8
32.5°	1207.2	1116.8	1020.0	945.9	873.0	810.1	757.5	711.2	671.7	637.5	607.2
30°	1442.7	1294.4	1161.4	1043.5	951.8	870.6	801.7	748.3	701.3	660.2	624.8
27.5°	1780.3	1525.2	1345.5	1172.0	1038.0	939.7	856.6	786.3	731.2	685.1	644.5
25°	2258.7	1871.8	1559.8	1333.3	1151.0	1011.4	913.6	832.1	764.6	709.1	660.2
22.5°	2914.6	2328.7	1849.8	1506.4	1281.4	1107.6	975.6	877.4	795.2	730.2	677.0
20°	3879.4	2873.7	2225.0	1753.8	1427.7	1199.9	1040.2	924.6	829.6	752.0	691.7
17.5°	5024.5	3629.3	2635.7	2006.9	1599.0	1318.3	1115.0	968.1	860.9	771.0	703.6
15°	6245.0	4485.5	3209.5	2344.7	1774.1	1419.8	1177.4	1006.6	890.6	792.1	718.4
12.5°	7803.6	5408.7	3712.7	2626.6	1946.2	1530.1	1249.8	1055.4	919.9	814.7	733.8
10°	9278.0	6371.4	4325.3	2998.0	2155.8	1638.5	1314.0	1092.9	942.6	832.7	746.3
7.5°	10671.0	7297.0	4854.8	3280.6	2317.5	1724.7	1361.7	1120.0	958.7	845.3	755.8
5°	11691.9	7985.9	5269.4	3498.6	2432.0	1787.1	1392.6	1136.9	968.3	852.7	762.4
2.5°	12468.6	8442.4	5521.5	3626.5	2497.3	1824.1	1411.1	1149.7	977.6	858.7	769.5
0°	12825.3	8618.5	5605.6	3694.4	2536.4	1834.4	1419.3	1158.0	983.8	860.8	773.7
-2.5°	12468.6	8442.4	5521.5	3626.5	2497.3	1824.1	1411.1	1149.7	977.6	858.7	769.5
-5°	11691.9	7985.9	5269.4	3498.6	2432.0	1787.1	1392.6	1136.9	968.3	852.7	762.4
-7.5°	10671.0	7297.0	4854.8	3280.6	2317.5	1724.7	1361.7	1120.0	958.7	845.3	755.8
-10°	9278.0	6371.4	4325.3	2998.0	2155.8	1638.5	1314.0	1092.9	942.6	832.7	746.3
-12.5°	7803.6	5408.7	3712.7	2626.6	1946.2	1530.1	1249.8	1055.4	919.9	814.7	733.8
-15°	6245.0	4485.5	3209.5	2344.7	1774.1	1419.8	1177.4	1006.6	890.6	792.1	718.4
-17.5°	5024.5	3629.3	2635.7	2006.9	1599.0	1318.3	1115.0	968.1	860.9	771.0	703.6
-20°	3879.4	2873.7	2225.0	1753.8	1427.7	1199.9	1040.2	924.6	829.6	752.0	691.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627299 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2914.6	2328.7	1849.8	1506.4	1281.4	1107.6	975.6	877.4	795.2	730.2	677.0
-25°	2258.7	1871.8	1559.8	1333.3	1151.0	1011.4	913.6	832.1	764.6	709.1	660.2
-27.5°	1780.3	1525.2	1345.5	1172.0	1038.0	939.7	856.6	786.3	731.2	685.1	644.5
-30°	1442.7	1294.4	1161.4	1043.5	951.8	870.6	801.7	748.3	701.3	660.2	624.8
-32.5°	1207.2	1116.8	1020.0	945.9	873.0	810.1	757.5	711.2	671.7	637.5	607.2
-35°	1047.1	983.2	919.4	861.7	806.5	758.6	714.5	678.1	645.2	615.0	589.8
-37.5°	928.5	881.8	837.2	790.9	750.1	711.2	678.1	647.8	618.9	595.6	571.6
-40°	835.9	800.1	767.6	731.8	701.3	671.7	645.2	618.9	596.7	575.3	552.6
-42.5°	760.7	734.1	709.4	685.1	660.2	637.5	614.4	593.3	573.4	553.7	533.0
-45°	699.2	681.5	662.6	644.8	624.8	605.9	585.6	567.6	549.9	531.4	512.3
-47.5°	650.7	637.8	623.3	610.2	594.7	577.3	559.7	542.4	525.9	508.8	493.3
-50°	610.2	601.3	591.3	580.3	566.3	550.5	534.0	516.8	501.7	487.1	471.8
-52.5°	577.5	570.4	561.5	550.8	537.9	523.3	507.9	491.9	477.2	463.0	446.7
-55°	549.2	542.0	532.7	521.8	509.6	497.2	483.1	467.0	451.3	437.4	419.3
-57.5°	519.9	513.1	502.8	493.1	484.3	470.7	455.4	440.4	425.6	410.5	390.8
-60°	482.9	477.0	468.4	459.4	450.3	438.9	423.8	410.5	399.1	377.3	354.3
-62.5°	439.9	435.1	427.5	418.4	408.8	398.5	386.8	372.3	355.3	336.0	316.9
-65°	391.6	384.6	378.0	371.6	364.4	356.3	343.7	328.9	313.1	296.6	279.2
-67.5°	343.1	336.8	331.6	326.4	319.8	311.4	299.1	285.7	271.2	254.6	239.2
-70°	297.7	293.1	288.0	282.0	274.7	266.4	255.8	242.8	228.0	213.7	202.9
-72.5°	254.6	250.7	245.8	239.6	232.5	223.8	213.0	201.5	190.5	180.0	170.1
-75°	211.3	208.2	203.7	196.4	187.9	178.2	169.4	162.2	154.6	146.6	138.2
-77.5°	166.4	163.7	159.7	152.9	145.9	138.8	132.0	126.3	120.6	114.7	108.5
-80°	120.2	118.3	115.7	111.4	107.0	102.6	98.2	94.0	89.5	84.8	79.8
-82.5°	80.6	78.9	77.0	74.9	72.6	70.2	67.5	63.9	59.9	55.6	51.1
-85°	47.5	46.5	45.4	44.2	43.0	41.6	40.0	37.7	35.4	33.2	31.1
-87.5°	19.3	18.9	18.6	18.2	17.8	17.3	16.8	16.3	15.7	15.1	14.5
-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: P627299 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-750-U-NR-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	13.2	12.5	11.8	11.0	10.2	9.5	8.7	7.8	7.0	6.2
85°	29.9	28.5	26.9	25.0	22.8	20.5	18.9	17.3	15.7	14.0	12.3
82.5°	48.4	46.7	44.8	42.5	39.2	35.8	32.2	28.6	25.0	21.2	18.4
80°	75.0	70.4	65.9	61.5	56.3	51.0	46.3	41.5	36.6	31.6	26.6
77.5°	102.0	95.3	88.3	81.8	75.3	68.6	61.8	54.8	48.1	41.9	35.6
75°	129.4	121.2	112.8	104.1	95.2	86.2	78.0	69.6	61.0	52.3	44.6
72.5°	159.8	149.2	138.2	127.0	116.6	105.9	95.0	84.2	74.3	64.2	53.9
70°	191.6	178.4	165.3	152.8	139.5	125.6	113.1	100.4	87.4	75.9	64.2
67.5°	224.9	211.5	196.0	179.2	164.2	148.6	131.7	116.7	102.2	87.4	74.3
65°	261.4	244.6	228.5	209.2	190.2	172.0	153.7	133.9	116.7	100.4	84.2
62.5°	297.1	276.8	257.5	237.7	217.0	196.0	175.3	153.1	131.6	113.1	95.0
60°	332.4	309.9	285.9	263.4	241.8	219.7	196.2	171.8	148.1	125.6	105.9
57.5°	365.9	342.4	315.3	288.9	264.6	241.5	216.4	189.9	164.1	139.2	116.5
55°	397.1	370.9	342.8	314.1	286.8	261.4	235.4	207.3	179.6	152.7	126.7
52.5°	425.9	398.5	368.5	338.0	308.2	280.6	253.1	224.0	194.4	165.8	137.7
50°	452.8	425.9	393.9	361.3	328.6	299.4	270.6	240.0	208.6	178.2	148.5
47.5°	475.9	450.4	419.6	384.2	349.4	318.0	287.7	255.7	222.0	190.1	158.9
45°	494.9	473.2	443.5	407.9	370.6	337.3	304.5	271.0	235.8	201.5	168.8
42.5°	512.4	492.3	465.5	431.1	392.4	356.3	320.9	285.9	249.3	212.4	178.4
40°	530.4	509.0	485.9	451.3	412.7	374.5	337.5	300.4	262.2	223.2	187.5
37.5°	547.1	524.9	501.4	470.1	431.1	391.7	353.4	314.5	274.3	233.9	196.1
35°	564.1	539.2	514.9	484.7	447.1	407.3	368.5	328.0	285.7	243.9	204.2
32.5°	580.3	552.5	526.3	496.7	461.6	421.4	381.9	339.8	296.3	253.1	211.9
30°	595.1	564.9	537.2	508.3	474.1	433.6	393.3	350.5	306.2	261.5	219.0
27.5°	607.0	575.2	547.6	518.3	484.0	444.6	403.3	360.1	315.3	269.3	225.9
25°	618.8	584.8	556.0	527.3	493.3	455.8	412.6	368.6	323.3	276.6	232.0
22.5°	631.9	593.6	562.5	535.9	502.8	466.5	421.4	376.0	330.3	283.2	237.4
20°	643.5	601.3	567.4	542.7	510.4	474.5	429.8	382.6	336.3	289.0	242.2
17.5°	653.7	609.5	573.8	546.7	516.3	481.3	437.5	388.5	341.3	294.1	246.3
15°	664.4	618.0	579.5	550.0	521.1	487.1	444.6	393.6	345.4	298.4	249.9
12.5°	673.8	625.1	584.1	552.5	524.7	491.7	450.8	397.8	348.5	302.1	253.2
10°	681.7	630.5	587.5	554.3	527.3	495.3	456.1	401.9	351.9	304.8	256.0
7.5°	687.9	634.2	589.7	555.2	529.1	498.1	460.7	406.6	354.8	306.7	258.3
5°	692.4	637.2	593.2	558.4	531.2	500.4	463.9	410.4	356.9	307.8	259.9
2.5°	695.8	639.7	596.9	561.4	532.5	501.7	465.7	413.3	358.2	308.0	261.0
0°	696.9	640.5	599.5	563.6	532.9	502.2	466.3	415.0	358.7	307.4	261.3
-2.5°	695.8	639.7	596.9	561.4	532.5	501.7	465.7	413.3	358.2	308.0	261.0
-5°	692.4	637.2	593.2	558.4	531.2	500.4	463.9	410.4	356.9	307.8	259.9
-7.5°	687.9	634.2	589.7	555.2	529.1	498.1	460.7	406.6	354.8	306.7	258.3
-10°	681.7	630.5	587.5	554.3	527.3	495.3	456.1	401.9	351.9	304.8	256.0
-12.5°	673.8	625.1	584.1	552.5	524.7	491.7	450.8	397.8	348.5	302.1	253.2
-15°	664.4	618.0	579.5	550.0	521.1	487.1	444.6	393.6	345.4	298.4	249.9
-17.5°	653.7	609.5	573.8	546.7	516.3	481.3	437.5	388.5	341.3	294.1	246.3
-20°	643.5	601.3	567.4	542.7	510.4	474.5	429.8	382.6	336.3	289.0	242.2

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627299 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	631.9	593.6	562.5	535.9	502.8	466.5	421.4	376.0	330.3	283.2	237.4
-25°	618.8	584.8	556.0	527.3	493.3	455.8	412.6	368.6	323.3	276.6	232.0
-27.5°	607.0	575.2	547.6	518.3	484.0	444.6	403.3	360.1	315.3	269.3	225.9
-30°	595.1	564.9	537.2	508.3	474.1	433.6	393.3	350.5	306.2	261.5	219.0
-32.5°	580.3	552.5	526.3	496.7	461.6	421.4	381.9	339.8	296.3	253.1	211.9
-35°	564.1	539.2	514.9	484.7	447.1	407.3	368.5	328.0	285.7	243.9	204.2
-37.5°	547.1	524.9	501.4	470.1	431.1	391.7	353.4	314.5	274.3	233.9	196.1
-40°	530.4	509.0	485.9	451.3	412.7	374.5	337.5	300.4	262.2	223.2	187.5
-42.5°	512.4	492.3	465.5	431.1	392.4	356.3	320.9	285.9	249.3	212.4	178.4
-45°	494.9	473.2	443.5	407.9	370.6	337.3	304.5	271.0	235.8	201.5	168.8
-47.5°	475.9	450.4	419.6	384.2	349.4	318.0	287.7	255.7	222.0	190.1	158.9
-50°	452.8	425.9	393.9	361.3	328.6	299.4	270.6	240.0	208.6	178.2	148.5
-52.5°	425.9	398.5	368.5	338.0	308.2	280.6	253.1	224.0	194.4	165.8	137.7
-55°	397.1	370.9	342.8	314.1	286.8	261.4	235.4	207.3	179.6	152.7	126.7
-57.5°	365.9	342.4	315.3	288.9	264.6	241.5	216.4	189.9	164.1	139.2	116.5
-60°	332.4	309.9	285.9	263.4	241.8	219.7	196.2	171.8	148.1	125.6	105.9
-62.5°	297.1	276.8	257.5	237.7	217.0	196.0	175.3	153.1	131.6	113.1	95.0
-65°	261.4	244.6	228.5	209.2	190.2	172.0	153.7	133.9	116.7	100.4	84.2
-67.5°	224.9	211.5	196.0	179.2	164.2	148.6	131.7	116.7	102.2	87.4	74.3
-70°	191.6	178.4	165.3	152.8	139.5	125.6	113.1	100.4	87.4	75.9	64.2
-72.5°	159.8	149.2	138.2	127.0	116.6	105.9	95.0	84.2	74.3	64.2	53.9
-75°	129.4	121.2	112.8	104.1	95.2	86.2	78.0	69.6	61.0	52.3	44.6
-77.5°	102.0	95.3	88.3	81.8	75.3	68.6	61.8	54.8	48.1	41.9	35.6
-80°	75.0	70.4	65.9	61.5	56.3	51.0	46.3	41.5	36.6	31.6	26.6
-82.5°	48.4	46.7	44.8	42.5	39.2	35.8	32.2	28.6	25.0	21.2	18.4
-85°	29.9	28.5	26.9	25.0	22.8	20.5	18.9	17.3	15.7	14.0	12.3
-87.5°	13.8	13.2	12.5	11.8	11.0	10.2	9.5	8.7	7.8	7.0	6.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P627299 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-U-NR-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	3.6	2.7	1.8	0.8	0.0
85°	10.6	8.9	7.1	5.3	3.6	1.6	0.0
82.5°	15.9	13.3	10.6	8.0	5.3	2.3	0.0
80°	21.4	17.7	14.2	10.6	7.1	3.1	0.0
77.5°	29.2	22.7	17.7	13.3	8.8	3.9	0.0
75°	36.8	28.8	21.3	15.9	10.5	4.6	0.0
72.5°	44.3	34.9	26.0	18.4	12.2	5.4	0.0
70°	51.9	40.8	30.6	21.1	13.8	6.1	0.0
67.5°	60.5	46.6	35.1	24.4	15.4	6.8	0.0
65°	68.9	52.9	39.4	27.5	16.9	7.5	0.0
62.5°	77.1	59.8	43.7	30.6	18.4	8.2	0.0
60°	85.2	66.5	47.8	33.6	19.8	8.8	0.0
57.5°	94.0	73.1	52.9	36.5	21.6	9.4	0.0
55°	102.8	79.4	58.0	39.3	23.5	10.0	0.0
52.5°	111.2	85.7	62.9	42.0	25.2	10.6	0.0
50°	119.4	92.5	67.7	44.5	26.9	11.2	0.0
47.5°	127.4	99.1	72.3	47.2	28.6	11.7	0.0
45°	136.0	105.4	76.7	50.5	30.2	12.2	0.0
42.5°	144.1	111.4	80.8	53.6	31.8	12.6	0.0
40°	151.9	117.1	85.1	56.7	33.2	13.1	0.0
37.5°	159.3	122.5	89.4	59.7	34.7	13.4	0.0
35°	166.2	128.1	93.5	62.4	36.0	13.8	0.0
32.5°	172.7	133.5	97.3	65.1	37.3	14.1	0.0
30°	178.8	138.5	100.9	67.5	38.5	14.4	0.0
27.5°	184.4	143.1	104.3	69.8	39.7	14.7	0.0
25°	189.5	147.4	107.5	71.9	40.7	14.9	0.0
22.5°	194.1	151.2	110.4	73.8	41.7	15.1	0.0
20°	198.3	154.5	113.0	75.5	42.6	15.3	0.0
17.5°	201.7	157.3	115.3	77.0	43.4	15.4	0.0
15°	204.5	159.7	117.4	78.3	44.1	15.5	0.0
12.5°	206.8	161.5	119.1	79.4	44.7	15.6	0.0
10°	208.5	162.9	120.5	80.4	45.2	15.6	0.0
7.5°	209.7	163.8	121.6	81.1	45.6	15.6	0.0
5°	210.4	164.3	122.4	81.6	45.9	15.6	0.0
2.5°	210.5	164.4	122.8	81.9	46.0	15.5	0.0
0°	210.1	164.0	123.0	82.0	46.1	15.4	0.0
-2.5°	210.5	164.4	122.8	81.9	46.0	15.5	0.0
-5°	210.4	164.3	122.4	81.6	45.9	15.6	0.0
-7.5°	209.7	163.8	121.6	81.1	45.6	15.6	0.0
-10°	208.5	162.9	120.5	80.4	45.2	15.6	0.0
-12.5°	206.8	161.5	119.1	79.4	44.7	15.6	0.0
-15°	204.5	159.7	117.4	78.3	44.1	15.5	0.0
-17.5°	201.7	157.3	115.3	77.0	43.4	15.4	0.0
-20°	198.3	154.5	113.0	75.5	42.6	15.3	0.0

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	194.1	151.2	110.4	73.8	41.7	15.1	0.0
-25°	189.5	147.4	107.5	71.9	40.7	14.9	0.0
-27.5°	184.4	143.1	104.3	69.8	39.7	14.7	0.0
-30°	178.8	138.5	100.9	67.5	38.5	14.4	0.0
-32.5°	172.7	133.5	97.3	65.1	37.3	14.1	0.0
-35°	166.2	128.1	93.5	62.4	36.0	13.8	0.0
-37.5°	159.3	122.5	89.4	59.7	34.7	13.4	0.0
-40°	151.9	117.1	85.1	56.7	33.2	13.1	0.0
-42.5°	144.1	111.4	80.8	53.6	31.8	12.6	0.0
-45°	136.0	105.4	76.7	50.5	30.2	12.2	0.0
-47.5°	127.4	99.1	72.3	47.2	28.6	11.7	0.0
-50°	119.4	92.5	67.7	44.5	26.9	11.2	0.0
-52.5°	111.2	85.7	62.9	42.0	25.2	10.6	0.0
-55°	102.8	79.4	58.0	39.3	23.5	10.0	0.0
-57.5°	94.0	73.1	52.9	36.5	21.6	9.4	0.0
-60°	85.2	66.5	47.8	33.6	19.8	8.8	0.0
-62.5°	77.1	59.8	43.7	30.6	18.4	8.2	0.0
-65°	68.9	52.9	39.4	27.5	16.9	7.5	0.0
-67.5°	60.5	46.6	35.1	24.4	15.4	6.8	0.0
-70°	51.9	40.8	30.6	21.1	13.8	6.1	0.0
-72.5°	44.3	34.9	26.0	18.4	12.2	5.4	0.0
-75°	36.8	28.8	21.3	15.9	10.5	4.6	0.0
-77.5°	29.2	22.7	17.7	13.3	8.8	3.9	0.0
-80°	21.4	17.7	14.2	10.6	7.1	3.1	0.0
-82.5°	15.9	13.3	10.6	8.0	5.3	2.3	0.0
-85°	10.6	8.9	7.1	5.3	3.6	1.6	0.0
-87.5°	5.3	4.4	3.6	2.7	1.8	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)