

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: P627059 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-750-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627059 (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-SA2E-750-U-NR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N56
Light Source: (32) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

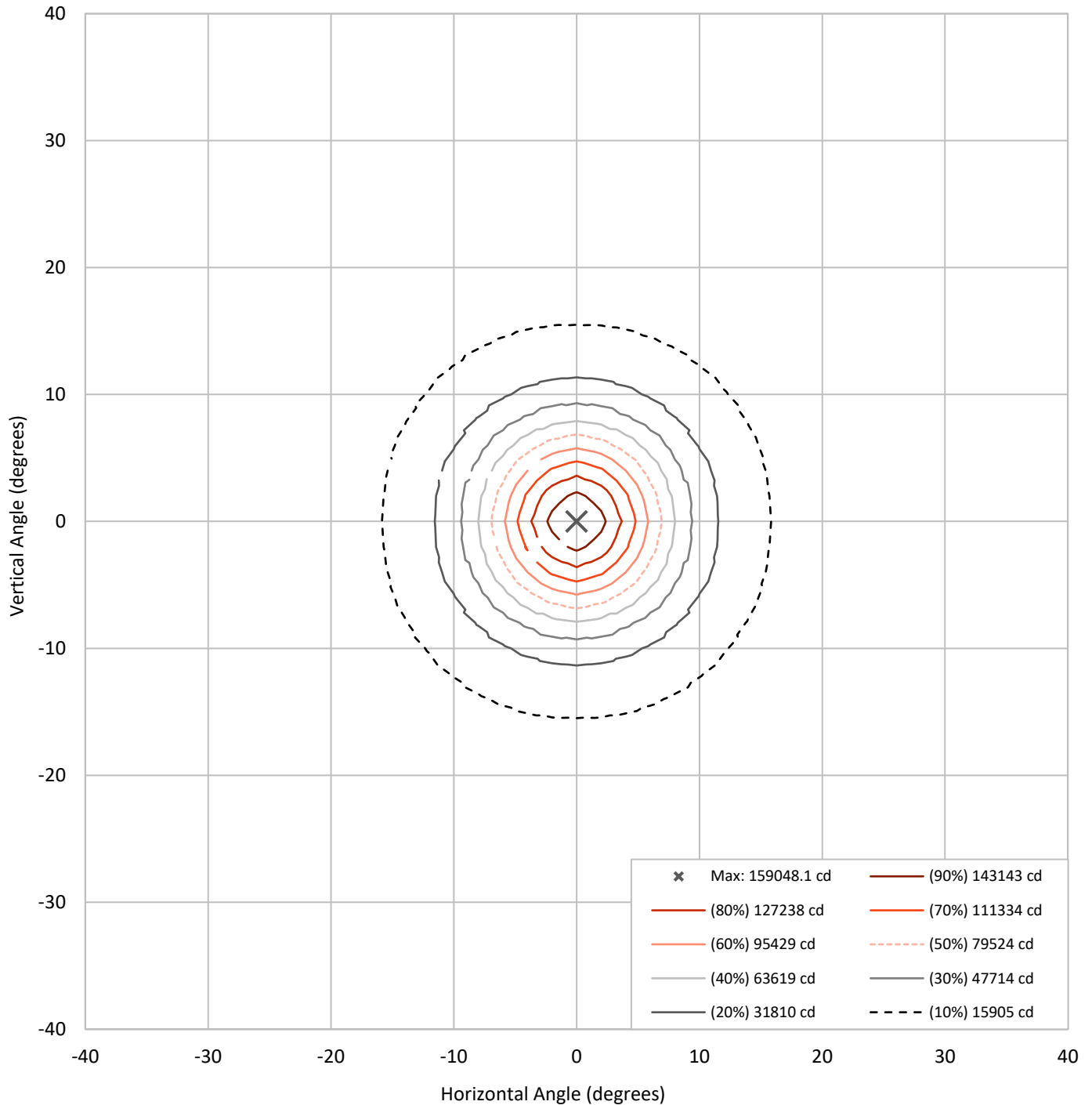
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	16888.6 lumens	Max Intensity:	159048.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	134.4 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	4993.2 lumens	Field Lumens:	11236.8 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	125.7		
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





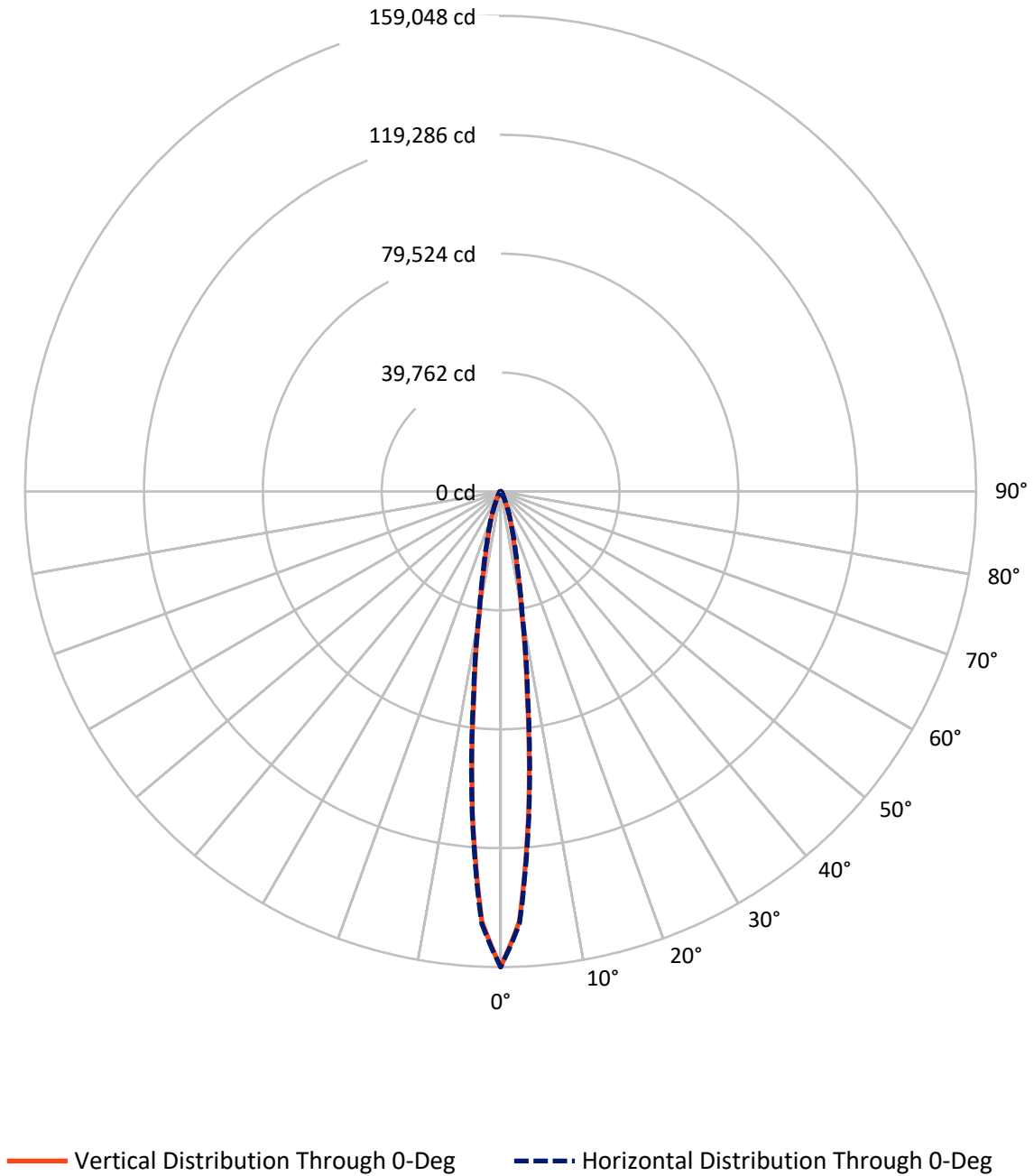
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Lumen Table

90	0.3	2.3		6.1		9.8		10.7		9.8		6.1		2.3		0.3			
80	0.3	2.3		6.1		9.8		10.7		9.8		6.1		2.3		0.3			
70	1.0	1.2	2.4	4.0	5.7	6.9	7.8	8.1	8.1	7.8	6.9	5.7	4.0	2.4	1.2	1.0			
60		1.8	3.7	6.0	8.0	9.7	10.9	11.4	11.4	10.9	9.7	8.0	6.0	3.7	1.8				
50	1.8	2.3	4.7	7.3	9.8	12.3	14.5	15.6	15.6	14.5	12.3	9.8	7.3	4.7	2.3	1.8			
40		2.8	5.6	8.5	12.0	17.3	24.3	30.1	30.1	24.3	17.3	12.0	8.5	5.6	2.8				
30	2.4	3.2	6.1	9.6	15.5	30.9	70.3	116.3	116.3	70.3	30.9	15.5	9.6	6.1	3.2	2.4			
20		3.4	6.4	10.5	20.6	65.5	232.7	501.1	501.1	232.7	65.5	20.6	10.5	6.4	3.4				
10	2.6	3.5	6.6	11.2	24.9	108.0	505.8	2184.9	2184.9	505.8	108.0	24.9	11.2	6.6	3.5	2.6			
0		3.5	6.6	11.2	24.9	108.0	505.8	2184.9	2184.9	505.8	108.0	24.9	11.2	6.6	3.5				
-10	2.4	3.4	6.4	10.5	20.6	65.5	232.7	501.1	501.1	232.7	65.5	20.6	10.5	6.4	3.4	2.4			
-20		3.2	6.1	9.6	15.5	30.9	70.3	116.3	116.3	70.3	30.9	15.5	9.6	6.1	3.2				
-30	1.8	2.8	5.6	8.5	12.0	17.3	24.3	30.1	30.1	24.3	17.3	12.0	8.5	5.6	2.8	1.8			
-40		2.3	4.7	7.3	9.8	12.3	14.5	15.6	15.6	14.5	12.3	9.8	7.3	4.7	2.3				
-50	1.0	1.8	3.7	6.0	8.0	9.7	10.9	11.4	11.4	10.9	9.7	8.0	6.0	3.7	1.8	1.0			
-60		1.2	2.4	4.0	5.7	6.9	7.8	8.1	8.1	7.8	6.9	5.7	4.0	2.4	1.2				
-70	0.3	2.3		6.1		9.8		10.7		9.8		6.1		2.3		0.3			
-80		2.3		6.1		9.8		10.7		9.8		6.1		2.3					
-90	0.3	2.3		6.1		9.8		10.7		9.8		6.1		2.3		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

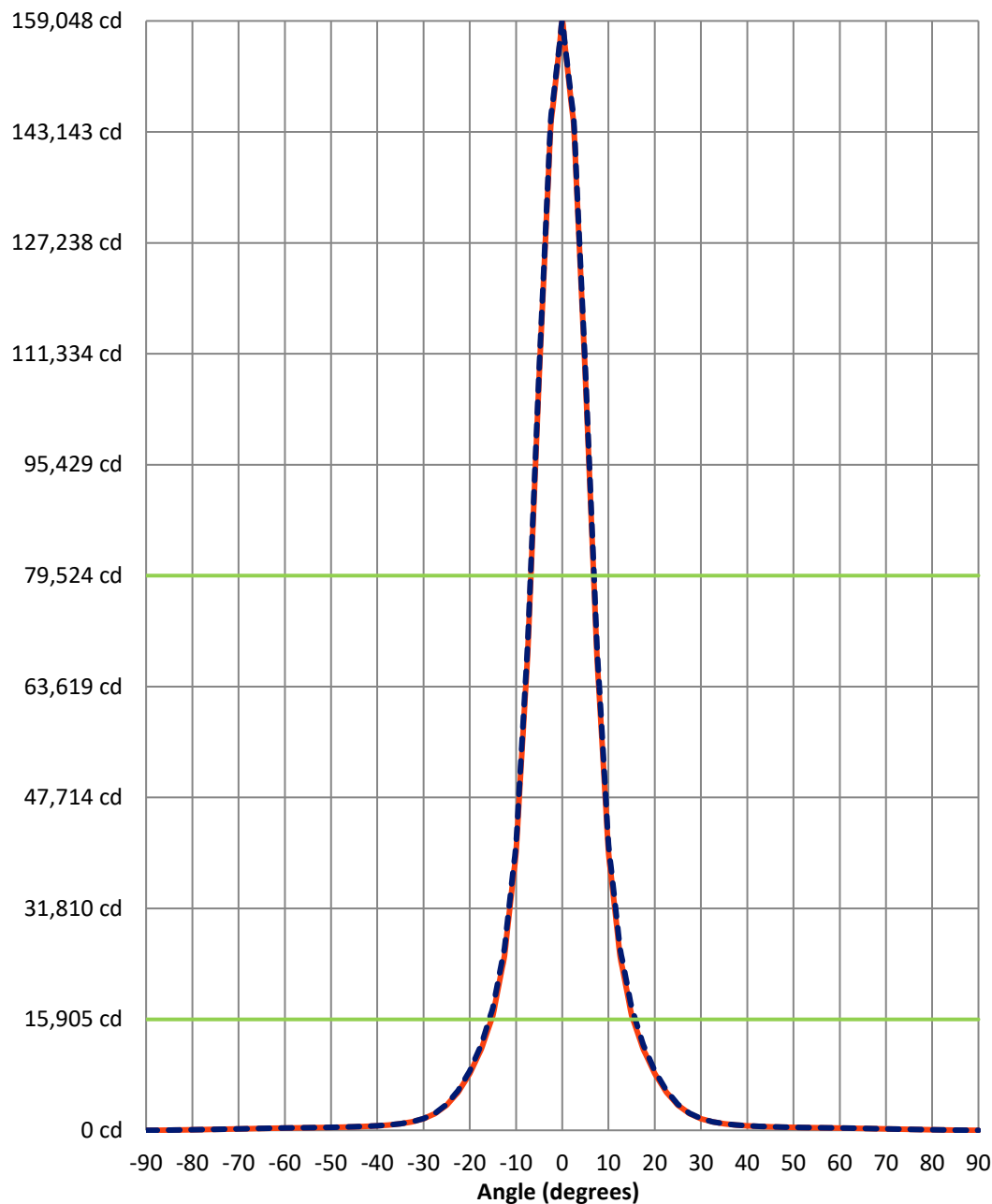
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 4993.2
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 11236.8
 Efficiency: 66.5%

Spill:
 Lumens: 5651.8
 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	0.5	1.2	1.8	2.4	2.9	3.5	4.1	4.7	5.2	5.7
85°	0.0	1.0	2.4	3.5	4.7	5.9	7.0	8.2	9.3	10.4	11.5
82.5°	0.0	1.6	3.5	5.3	7.1	8.8	10.5	12.2	14.1	16.6	19.0
80°	0.0	2.1	4.7	7.1	9.4	11.7	14.2	17.6	21.0	24.3	27.6
77.5°	0.0	2.6	5.8	8.8	11.7	15.0	19.4	23.7	27.9	32.1	36.5
75°	0.0	3.1	7.0	10.5	14.2	19.2	24.5	29.7	34.8	40.6	46.3
72.5°	0.0	3.6	8.1	12.2	17.3	23.2	29.5	35.9	42.7	49.4	56.0
70°	0.0	4.0	9.2	14.0	20.3	27.1	34.6	42.7	50.5	58.1	66.8
67.5°	0.0	4.5	10.2	16.2	23.3	31.0	40.2	49.4	58.1	68.0	77.6
65°	0.0	5.0	11.2	18.3	26.2	35.2	45.8	56.0	66.8	77.6	89.1
62.5°	0.0	5.4	12.2	20.4	29.1	39.8	51.3	63.2	75.2	87.5	101.9
60°	0.0	5.8	13.1	22.3	31.8	44.2	56.6	70.4	83.5	98.5	114.3
57.5°	0.0	6.2	14.4	24.3	35.2	48.6	62.5	77.5	92.6	109.2	126.3
55°	0.0	6.6	15.6	26.1	38.6	52.8	68.3	84.3	101.6	119.5	137.8
52.5°	0.0	7.0	16.8	27.9	41.9	57.0	74.0	91.6	110.3	129.3	148.9
50°	0.0	7.4	17.9	29.7	45.0	61.5	79.4	98.8	118.6	138.7	159.6
47.5°	0.0	7.7	19.0	31.4	48.1	65.9	84.8	105.7	126.4	147.6	170.0
45°	0.0	8.1	20.1	33.6	51.0	70.1	90.4	112.3	134.0	156.8	180.2
42.5°	0.0	8.4	21.1	35.7	53.7	74.1	95.9	118.7	141.3	165.7	190.2
40°	0.0	8.6	22.1	37.7	56.6	77.9	101.1	124.7	148.4	174.4	199.8
37.5°	0.0	8.9	23.1	39.7	59.5	81.5	106.0	130.4	155.5	182.4	209.2
35°	0.0	9.2	24.0	41.5	62.2	85.2	110.6	135.8	162.2	190.0	218.2
32.5°	0.0	9.4	24.8	43.3	64.7	88.8	114.9	140.9	168.3	197.1	226.0
30°	0.0	9.6	25.7	44.9	67.1	92.1	118.9	145.7	173.9	203.7	233.1
27.5°	0.0	9.7	26.4	46.4	69.4	95.2	122.6	150.2	179.1	209.7	239.5
25°	0.0	9.9	27.1	47.8	71.5	98.0	126.0	154.3	184.0	215.0	245.1
22.5°	0.0	10.0	27.8	49.0	73.4	100.6	129.1	157.9	188.3	219.6	250.0
20°	0.0	10.1	28.4	50.2	75.2	102.8	131.9	161.1	192.2	223.6	254.4
17.5°	0.0	10.2	28.9	51.2	76.7	104.7	134.1	163.8	195.6	226.9	258.4
15°	0.0	10.3	29.4	52.1	78.0	106.2	136.0	166.2	198.5	229.7	261.7
12.5°	0.0	10.3	29.8	52.8	79.2	107.4	137.5	168.4	200.9	231.7	264.6
10°	0.0	10.3	30.1	53.4	80.1	108.3	138.7	170.3	202.8	234.0	267.3
7.5°	0.0	10.3	30.4	53.9	80.9	108.9	139.5	171.8	204.0	235.9	270.4
5°	0.0	10.3	30.5	54.2	81.4	109.2	139.9	172.9	204.7	237.3	273.0
2.5°	0.0	10.3	30.7	54.4	81.7	109.3	140.0	173.6	204.9	238.2	274.8
0°	0.0	10.2	30.7	54.5	81.8	109.0	139.7	173.8	204.5	238.5	276.0
-2.5°	0.0	10.3	30.7	54.4	81.7	109.3	140.0	173.6	204.9	238.2	274.8
-5°	0.0	10.3	30.5	54.2	81.4	109.2	139.9	172.9	204.7	237.3	273.0
-7.5°	0.0	10.3	30.4	53.9	80.9	108.9	139.5	171.8	204.0	235.9	270.4
-10°	0.0	10.3	30.1	53.4	80.1	108.3	138.7	170.3	202.8	234.0	267.3
-12.5°	0.0	10.3	29.8	52.8	79.2	107.4	137.5	168.4	200.9	231.7	264.6
-15°	0.0	10.3	29.4	52.1	78.0	106.2	136.0	166.2	198.5	229.7	261.7
-17.5°	0.0	10.2	28.9	51.2	76.7	104.7	134.1	163.8	195.6	226.9	258.4
-20°	0.0	10.1	28.4	50.2	75.2	102.8	131.9	161.1	192.2	223.6	254.4

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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	10.0	27.8	49.0	73.4	100.6	129.1	157.9	188.3	219.6	250.0
-25°	0.0	9.9	27.1	47.8	71.5	98.0	126.0	154.3	184.0	215.0	245.1
-27.5°	0.0	9.7	26.4	46.4	69.4	95.2	122.6	150.2	179.1	209.7	239.5
-30°	0.0	9.6	25.7	44.9	67.1	92.1	118.9	145.7	173.9	203.7	233.1
-32.5°	0.0	9.4	24.8	43.3	64.7	88.8	114.9	140.9	168.3	197.1	226.0
-35°	0.0	9.2	24.0	41.5	62.2	85.2	110.6	135.8	162.2	190.0	218.2
-37.5°	0.0	8.9	23.1	39.7	59.5	81.5	106.0	130.4	155.5	182.4	209.2
-40°	0.0	8.6	22.1	37.7	56.6	77.9	101.1	124.7	148.4	174.4	199.8
-42.5°	0.0	8.4	21.1	35.7	53.7	74.1	95.9	118.7	141.3	165.7	190.2
-45°	0.0	8.1	20.1	33.6	51.0	70.1	90.4	112.3	134.0	156.8	180.2
-47.5°	0.0	7.7	19.0	31.4	48.1	65.9	84.8	105.7	126.4	147.6	170.0
-50°	0.0	7.4	17.9	29.7	45.0	61.5	79.4	98.8	118.6	138.7	159.6
-52.5°	0.0	7.0	16.8	27.9	41.9	57.0	74.0	91.6	110.3	129.3	148.9
-55°	0.0	6.6	15.6	26.1	38.6	52.8	68.3	84.3	101.6	119.5	137.8
-57.5°	0.0	6.2	14.4	24.3	35.2	48.6	62.5	77.5	92.6	109.2	126.3
-60°	0.0	5.8	13.1	22.3	31.8	44.2	56.6	70.4	83.5	98.5	114.3
-62.5°	0.0	5.4	12.2	20.4	29.1	39.8	51.3	63.2	75.2	87.5	101.9
-65°	0.0	5.0	11.2	18.3	26.2	35.2	45.8	56.0	66.8	77.6	89.1
-67.5°	0.0	4.5	10.2	16.2	23.3	31.0	40.2	49.4	58.1	68.0	77.6
-70°	0.0	4.0	9.2	14.0	20.3	27.1	34.6	42.7	50.5	58.1	66.8
-72.5°	0.0	3.6	8.1	12.2	17.3	23.2	29.5	35.9	42.7	49.4	56.0
-75°	0.0	3.1	7.0	10.5	14.2	19.2	24.5	29.7	34.8	40.6	46.3
-77.5°	0.0	2.6	5.8	8.8	11.7	15.0	19.4	23.7	27.9	32.1	36.5
-80°	0.0	2.1	4.7	7.1	9.4	11.7	14.2	17.6	21.0	24.3	27.6
-82.5°	0.0	1.6	3.5	5.3	7.1	8.8	10.5	12.2	14.1	16.6	19.0
-85°	0.0	1.0	2.4	3.5	4.7	5.9	7.0	8.2	9.3	10.4	11.5
-87.5°	0.0	0.5	1.2	1.8	2.4	2.9	3.5	4.1	4.7	5.2	5.7
-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°	6.3	6.8	7.3	7.8	8.3	8.7	9.2	9.6	10.0	10.4	10.8
85°	12.5	13.6	15.1	16.6	17.9	19.0	19.9	20.7	22.1	23.6	25.1
82.5°	21.4	23.8	26.1	28.3	29.8	31.1	32.3	34.0	37.0	39.9	42.5
80°	30.8	33.9	37.5	40.9	43.9	46.8	49.9	53.1	56.4	59.5	62.5
77.5°	41.1	45.6	50.1	54.4	58.7	63.3	67.8	72.1	76.3	80.2	84.0
75°	51.8	57.3	63.3	69.2	75.0	80.6	86.1	91.9	97.5	102.8	107.9
72.5°	63.2	70.4	77.5	84.5	91.9	99.3	106.3	113.2	119.8	126.7	134.0
70°	75.2	83.5	92.8	101.6	110.0	118.7	127.4	134.9	142.1	151.6	161.4
67.5°	87.6	98.8	109.3	119.2	130.3	140.6	149.5	159.1	169.3	180.3	190.0
65°	102.2	114.4	126.5	139.1	151.9	162.6	173.8	185.6	197.2	208.2	218.7
62.5°	116.6	130.4	144.3	158.0	171.2	184.1	197.6	210.8	223.5	236.3	247.6
60°	130.5	146.1	160.8	175.2	190.2	206.1	221.0	235.6	250.9	265.4	273.0
57.5°	143.9	160.5	175.9	192.1	209.7	227.7	243.4	259.9	273.0	283.0	292.8
55°	156.5	173.8	190.7	208.9	228.0	246.7	264.1	278.9	290.9	300.1	310.5
52.5°	168.3	186.6	205.0	224.8	245.1	265.0	283.3	297.1	307.9	317.4	327.2
50°	179.9	199.1	218.5	240.3	262.0	283.2	301.1	313.7	324.0	333.7	343.7
47.5°	191.3	211.5	232.4	255.5	279.0	299.5	316.5	328.0	338.4	349.8	360.7
45°	202.5	224.3	246.5	271.3	294.9	314.7	329.1	340.7	353.4	365.7	377.5
42.5°	213.4	237.0	260.9	286.6	309.5	327.4	340.8	354.5	368.2	381.3	394.6
40°	224.5	249.1	274.5	300.1	323.1	338.5	352.7	367.4	382.6	396.8	411.6
37.5°	235.0	260.5	286.6	312.6	333.5	349.1	363.8	380.1	396.1	411.6	430.8
35°	245.0	270.9	297.3	322.4	342.5	358.6	375.1	392.3	409.0	429.1	451.0
32.5°	254.0	280.2	307.0	330.4	350.0	367.4	386.0	403.8	423.9	446.7	473.0
30°	261.5	288.3	315.3	338.1	357.3	375.7	395.8	415.5	439.1	466.4	497.6
27.5°	268.2	295.7	321.9	344.7	364.2	382.5	403.7	428.6	455.6	486.3	523.0
25°	274.3	303.1	328.1	350.7	369.7	388.9	411.5	439.1	471.6	508.5	553.4
22.5°	280.2	310.2	334.4	356.4	374.0	394.8	420.3	450.3	485.6	528.9	583.5
20°	285.8	315.5	339.4	360.9	377.3	399.9	428.0	460.0	500.1	551.7	614.9
17.5°	291.0	320.1	343.4	363.6	381.5	405.3	434.8	467.9	512.8	572.5	643.8
15°	295.7	323.9	346.5	365.8	385.4	411.0	441.8	477.7	526.8	592.3	669.4
12.5°	299.8	327.0	349.0	367.4	388.4	415.7	448.1	488.0	541.8	611.8	701.9
10°	303.3	329.3	350.7	368.6	390.7	419.3	453.4	496.3	553.8	626.9	726.9
7.5°	306.4	331.2	351.8	369.2	392.2	421.8	457.4	502.6	562.2	637.6	744.9
5°	308.5	332.7	353.3	371.3	394.5	423.8	460.4	507.0	567.1	644.0	756.1
2.5°	309.7	333.6	354.1	373.3	397.0	425.5	462.7	511.8	571.1	650.2	764.6
0°	310.1	333.9	354.4	374.8	398.7	426.0	463.4	514.6	572.5	654.3	770.1
-2.5°	309.7	333.6	354.1	373.3	397.0	425.5	462.7	511.8	571.1	650.2	764.6
-5°	308.5	332.7	353.3	371.3	394.5	423.8	460.4	507.0	567.1	644.0	756.1
-7.5°	306.4	331.2	351.8	369.2	392.2	421.8	457.4	502.6	562.2	637.6	744.9
-10°	303.3	329.3	350.7	368.6	390.7	419.3	453.4	496.3	553.8	626.9	726.9
-12.5°	299.8	327.0	349.0	367.4	388.4	415.7	448.1	488.0	541.8	611.8	701.9
-15°	295.7	323.9	346.5	365.8	385.4	411.0	441.8	477.7	526.8	592.3	669.4
-17.5°	291.0	320.1	343.4	363.6	381.5	405.3	434.8	467.9	512.8	572.5	643.8
-20°	285.8	315.5	339.4	360.9	377.3	399.9	428.0	460.0	500.1	551.7	614.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627059 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	280.2	310.2	334.4	356.4	374.0	394.8	420.3	450.3	485.6	528.9	583.5
-25°	274.3	303.1	328.1	350.7	369.7	388.9	411.5	439.1	471.6	508.5	553.4
-27.5°	268.2	295.7	321.9	344.7	364.2	382.5	403.7	428.6	455.6	486.3	523.0
-30°	261.5	288.3	315.3	338.1	357.3	375.7	395.8	415.5	439.1	466.4	497.6
-32.5°	254.0	280.2	307.0	330.4	350.0	367.4	386.0	403.8	423.9	446.7	473.0
-35°	245.0	270.9	297.3	322.4	342.5	358.6	375.1	392.3	409.0	429.1	451.0
-37.5°	235.0	260.5	286.6	312.6	333.5	349.1	363.8	380.1	396.1	411.6	430.8
-40°	224.5	249.1	274.5	300.1	323.1	338.5	352.7	367.4	382.6	396.8	411.6
-42.5°	213.4	237.0	260.9	286.6	309.5	327.4	340.8	354.5	368.2	381.3	394.6
-45°	202.5	224.3	246.5	271.3	294.9	314.7	329.1	340.7	353.4	365.7	377.5
-47.5°	191.3	211.5	232.4	255.5	279.0	299.5	316.5	328.0	338.4	349.8	360.7
-50°	179.9	199.1	218.5	240.3	262.0	283.2	301.1	313.7	324.0	333.7	343.7
-52.5°	168.3	186.6	205.0	224.8	245.1	265.0	283.3	297.1	307.9	317.4	327.2
-55°	156.5	173.8	190.7	208.9	228.0	246.7	264.1	278.9	290.9	300.1	310.5
-57.5°	143.9	160.5	175.9	192.1	209.7	227.7	243.4	259.9	273.0	283.0	292.8
-60°	130.5	146.1	160.8	175.2	190.2	206.1	221.0	235.6	250.9	265.4	273.0
-62.5°	116.6	130.4	144.3	158.0	171.2	184.1	197.6	210.8	223.5	236.3	247.6
-65°	102.2	114.4	126.5	139.1	151.9	162.6	173.8	185.6	197.2	208.2	218.7
-67.5°	87.6	98.8	109.3	119.2	130.3	140.6	149.5	159.1	169.3	180.3	190.0
-70°	75.2	83.5	92.8	101.6	110.0	118.7	127.4	134.9	142.1	151.6	161.4
-72.5°	63.2	70.4	77.5	84.5	91.9	99.3	106.3	113.2	119.8	126.7	134.0
-75°	51.8	57.3	63.3	69.2	75.0	80.6	86.1	91.9	97.5	102.8	107.9
-77.5°	41.1	45.6	50.1	54.4	58.7	63.3	67.8	72.1	76.3	80.2	84.0
-80°	30.8	33.9	37.5	40.9	43.9	46.8	49.9	53.1	56.4	59.5	62.5
-82.5°	21.4	23.8	26.1	28.3	29.8	31.1	32.3	34.0	37.0	39.9	42.5
-85°	12.5	13.6	15.1	16.6	17.9	19.0	19.9	20.7	22.1	23.6	25.1
-87.5°	6.3	6.8	7.3	7.8	8.3	8.7	9.2	9.6	10.0	10.4	10.8
-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: P627059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	11.1	11.5	11.8	12.1	12.3	12.6	12.8	13.0	13.1	12.5	11.7
85°	26.6	27.7	28.6	29.5	30.3	31.0	31.6	32.2	32.7	32.3	31.8
82.5°	44.9	46.7	48.3	49.8	51.2	52.4	53.6	54.6	55.5	55.4	55.1
80°	65.3	68.2	71.2	74.1	76.9	78.7	79.9	80.9	81.5	81.8	81.9
77.5°	87.8	92.3	97.0	101.7	106.2	108.9	110.7	112.3	113.5	113.8	113.6
75°	112.7	118.6	125.0	130.6	135.5	138.4	140.5	142.3	143.7	144.0	143.9
72.5°	141.6	148.8	154.5	159.3	163.4	166.7	169.3	171.5	173.3	174.0	174.2
70°	170.1	177.2	182.7	187.5	191.5	194.9	198.0	200.7	202.9	204.5	205.7
67.5°	198.9	207.1	212.7	217.1	220.5	224.0	228.2	231.7	234.7	236.8	237.8
65°	228.6	236.9	242.4	247.2	251.4	255.8	260.4	263.8	266.0	267.4	268.3
62.5°	257.2	265.1	271.9	278.2	284.3	289.3	292.5	295.3	297.8	299.8	301.4
60°	281.8	291.9	299.5	305.5	311.5	317.2	321.1	324.2	326.7	328.4	329.5
57.5°	302.9	313.0	322.0	327.9	334.4	341.3	345.8	348.4	350.8	352.8	353.8
55°	321.2	330.6	339.0	347.0	354.2	360.4	365.2	368.7	371.6	374.0	374.8
52.5°	337.8	348.0	357.7	366.3	373.4	379.3	384.1	388.4	391.7	394.0	395.0
50°	355.1	366.1	376.6	386.0	393.3	399.9	405.8	410.9	415.8	419.7	422.5
47.5°	372.2	384.0	395.5	405.8	414.5	424.1	432.8	440.1	447.2	453.0	457.0
45°	389.5	403.0	415.5	428.8	440.7	453.3	465.0	475.0	485.4	493.2	498.5
42.5°	408.6	423.9	439.1	455.6	471.8	488.2	505.9	521.7	533.9	545.3	554.6
40°	429.1	446.7	466.4	486.7	510.5	532.1	555.9	576.3	594.8	614.3	629.9
37.5°	451.0	473.0	498.9	526.0	556.8	586.4	617.4	648.0	674.6	706.1	730.0
35°	475.2	504.5	536.4	573.1	611.4	653.8	696.3	745.4	787.7	834.2	874.6
32.5°	503.8	538.8	580.6	629.0	678.3	742.7	802.8	880.9	948.5	1022.3	1096.5
30°	533.2	578.9	632.9	693.9	772.3	860.8	959.4	1075.7	1195.5	1311.5	1451.4
27.5°	569.7	624.9	690.3	779.4	894.8	1014.4	1183.9	1358.4	1578.7	1760.9	2017.9
25°	607.5	672.6	765.5	886.7	1037.3	1244.9	1502.1	1781.1	2168.7	2509.2	2908.6
22.5°	648.8	736.6	852.2	1001.8	1230.2	1548.7	1938.3	2463.3	3035.1	3642.1	4245.8
20°	691.8	798.0	949.5	1166.4	1479.7	1911.1	2579.9	3390.5	4207.2	5208.8	6095.6
17.5°	741.6	876.7	1063.4	1334.6	1752.8	2413.6	3341.5	4473.0	5740.1	7180.2	8458.8
15°	783.0	944.2	1179.8	1559.3	2134.4	2983.0	4153.2	5709.8	7613.9	9548.0	11510.1
12.5°	831.2	1017.6	1294.3	1746.8	2469.1	3597.0	5189.7	7159.9	9538.0	12220.5	15382.9
10°	873.9	1089.7	1433.7	1993.7	2876.4	4237.2	6170.2	8540.5	11609.4	15469.0	20366.3
7.5°	905.6	1147.0	1541.2	2181.7	3228.6	4852.8	7096.6	10052.3	13951.9	19048.5	25769.6
5°	926.1	1188.5	1617.4	2326.7	3504.3	5310.9	7775.5	11124.6	15829.2	23037.5	34418.7
2.5°	938.4	1213.0	1660.8	2411.8	3672.0	5614.4	8292.1	11935.5	17045.8	25502.7	39981.7
0°	943.9	1219.9	1686.8	2456.9	3728.0	5731.6	8529.3	12305.0	17590.2	26078.7	40959.8
-2.5°	938.4	1213.0	1660.8	2411.8	3672.0	5614.4	8292.1	11935.5	17045.8	25502.7	39981.7
-5°	926.1	1188.5	1617.4	2326.7	3504.3	5310.9	7775.5	11124.6	15829.2	23037.5	34418.7
-7.5°	905.6	1147.0	1541.2	2181.7	3228.6	4852.8	7096.6	10052.3	13951.9	19048.5	25769.6
-10°	873.9	1089.7	1433.7	1993.7	2876.4	4237.2	6170.2	8540.5	11609.4	15469.0	20366.3
-12.5°	831.2	1017.6	1294.3	1746.8	2469.1	3597.0	5189.7	7159.9	9538.0	12220.5	15382.9
-15°	783.0	944.2	1179.8	1559.3	2134.4	2983.0	4153.2	5709.8	7613.9	9548.0	11510.1
-17.5°	741.6	876.7	1063.4	1334.6	1752.8	2413.6	3341.5	4473.0	5740.1	7180.2	8458.8
-20°	691.8	798.0	949.5	1166.4	1479.7	1911.1	2579.9	3390.5	4207.2	5208.8	6095.6

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627059 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	648.8	736.6	852.2	1001.8	1230.2	1548.7	1938.3	2463.3	3035.1	3642.1	4245.8
-25°	607.5	672.6	765.5	886.7	1037.3	1244.9	1502.1	1781.1	2168.7	2509.2	2908.6
-27.5°	569.7	624.9	690.3	779.4	894.8	1014.4	1183.9	1358.4	1578.7	1760.9	2017.9
-30°	533.2	578.9	632.9	693.9	772.3	860.8	959.4	1075.7	1195.5	1311.5	1451.4
-32.5°	503.8	538.8	580.6	629.0	678.3	742.7	802.8	880.9	948.5	1022.3	1096.5
-35°	475.2	504.5	536.4	573.1	611.4	653.8	696.3	745.4	787.7	834.2	874.6
-37.5°	451.0	473.0	498.9	526.0	556.8	586.4	617.4	648.0	674.6	706.1	730.0
-40°	429.1	446.7	466.4	486.7	510.5	532.1	555.9	576.3	594.8	614.3	629.9
-42.5°	408.6	423.9	439.1	455.6	471.8	488.2	505.9	521.7	533.9	545.3	554.6
-45°	389.5	403.0	415.5	428.8	440.7	453.3	465.0	475.0	485.4	493.2	498.5
-47.5°	372.2	384.0	395.5	405.8	414.5	424.1	432.8	440.1	447.2	453.0	457.0
-50°	355.1	366.1	376.6	386.0	393.3	399.9	405.8	410.9	415.8	419.7	422.5
-52.5°	337.8	348.0	357.7	366.3	373.4	379.3	384.1	388.4	391.7	394.0	395.0
-55°	321.2	330.6	339.0	347.0	354.2	360.4	365.2	368.7	371.6	374.0	374.8
-57.5°	302.9	313.0	322.0	327.9	334.4	341.3	345.8	348.4	350.8	352.8	353.8
-60°	281.8	291.9	299.5	305.5	311.5	317.2	321.1	324.2	326.7	328.4	329.5
-62.5°	257.2	265.1	271.9	278.2	284.3	289.3	292.5	295.3	297.8	299.8	301.4
-65°	228.6	236.9	242.4	247.2	251.4	255.8	260.4	263.8	266.0	267.4	268.3
-67.5°	198.9	207.1	212.7	217.1	220.5	224.0	228.2	231.7	234.7	236.8	237.8
-70°	170.1	177.2	182.7	187.5	191.5	194.9	198.0	200.7	202.9	204.5	205.7
-72.5°	141.6	148.8	154.5	159.3	163.4	166.7	169.3	171.5	173.3	174.0	174.2
-75°	112.7	118.6	125.0	130.6	135.5	138.4	140.5	142.3	143.7	144.0	143.9
-77.5°	87.8	92.3	97.0	101.7	106.2	108.9	110.7	112.3	113.5	113.8	113.6
-80°	65.3	68.2	71.2	74.1	76.9	78.7	79.9	80.9	81.5	81.8	81.9
-82.5°	44.9	46.7	48.3	49.8	51.2	52.4	53.6	54.6	55.5	55.4	55.1
-85°	26.6	27.7	28.6	29.5	30.3	31.0	31.6	32.2	32.7	32.3	31.8
-87.5°	11.1	11.5	11.8	12.1	12.3	12.6	12.8	13.0	13.1	12.5	11.7
-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: P627059 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	11.0	10.2	10.2	10.2	10.2	10.2	11.0	11.7	12.5	13.1	13.0
85°	31.2	30.6	30.7	30.7	30.7	30.6	31.2	31.8	32.3	32.7	32.2
82.5°	54.8	54.2	54.4	54.5	54.4	54.2	54.8	55.1	55.4	55.5	54.6
80°	81.7	81.4	80.0	78.4	80.0	81.4	81.7	81.9	81.8	81.5	80.9
77.5°	112.9	112.0	110.6	109.0	110.6	112.0	112.9	113.6	113.8	113.5	112.3
75°	143.4	142.5	142.9	143.1	142.9	142.5	143.4	143.9	144.0	143.7	142.3
72.5°	173.8	173.1	173.6	173.8	173.6	173.1	173.8	174.2	174.0	173.3	171.5
70°	206.6	206.9	206.1	204.5	206.1	206.9	206.6	205.7	204.5	202.9	200.7
67.5°	238.0	237.7	236.7	235.1	236.7	237.7	238.0	237.8	236.8	234.7	231.7
65°	268.6	268.3	268.9	269.2	268.9	268.3	268.6	268.3	267.4	266.0	263.8
62.5°	302.2	302.2	301.4	299.9	301.4	302.2	302.2	301.4	299.8	297.8	295.3
60°	329.9	329.7	328.7	327.1	328.7	329.7	329.9	329.5	328.4	326.7	324.2
57.5°	354.1	353.7	352.7	351.0	352.7	353.7	354.1	353.8	352.8	350.8	348.4
55°	374.8	374.3	373.2	371.4	373.2	374.3	374.8	374.8	374.0	371.6	368.7
52.5°	395.2	394.8	394.9	395.3	394.9	394.8	395.2	395.0	394.0	391.7	388.4
50°	424.2	424.8	424.2	422.5	424.2	424.8	424.2	422.5	419.7	415.8	410.9
47.5°	458.9	459.1	458.2	456.6	458.2	459.1	458.9	457.0	453.0	447.2	440.1
45°	502.6	505.0	505.7	504.3	505.7	505.0	502.6	498.5	493.2	485.4	475.0
42.5°	561.8	565.6	566.8	565.7	566.8	565.6	561.8	554.6	545.3	533.9	521.7
40°	639.4	643.9	644.7	644.0	644.7	643.9	639.4	629.9	614.3	594.8	576.3
37.5°	746.9	757.6	762.7	763.3	762.7	757.6	746.9	730.0	706.1	674.6	648.0
35°	905.5	926.9	938.4	943.9	938.4	926.9	905.5	874.6	834.2	787.7	745.4
32.5°	1152.8	1195.7	1219.5	1216.5	1219.5	1195.7	1152.8	1096.5	1022.3	948.5	880.9
30°	1556.8	1631.8	1669.5	1659.5	1669.5	1631.8	1556.8	1451.4	1311.5	1195.5	1075.7
27.5°	2202.4	2337.9	2416.1	2405.8	2416.1	2337.9	2202.4	2017.9	1760.9	1578.7	1358.4
25°	3242.5	3489.7	3647.9	3608.7	3647.9	3489.7	3242.5	2908.6	2509.2	2168.7	1781.1
22.5°	4824.7	5243.4	5520.5	5486.3	5520.5	5243.4	4824.7	4245.8	3642.1	3035.1	2463.3
20°	6995.0	7632.3	8087.4	8147.7	8087.4	7632.3	6995.0	6095.6	5208.8	4207.2	3390.5
17.5°	9839.8	10850.4	11553.8	11671.2	11553.8	10850.4	9839.8	8458.8	7180.2	5740.1	4473.0
15°	13537.2	15188.8	16384.1	16482.7	16384.1	15188.8	13537.2	11510.1	9548.0	7613.9	5709.8
12.5°	18557.5	21879.4	24047.4	25001.8	24047.4	21879.4	18557.5	15382.9	12220.5	9538.0	7159.9
10°	25505.5	33135.6	38022.2	39859.1	38022.2	33135.6	25505.5	20366.3	15469.0	11609.4	8540.5
7.5°	37110.7	49090.2	62408.4	68084.6	62408.4	49090.2	37110.7	25769.6	19048.5	13951.9	10052.3
5°	50252.6	75115.0	98763.6	107998.3	98763.6	75115.0	50252.6	34418.7	23037.5	15829.2	11124.6
2.5°	64081.3	98735.9	131209.8	143909.7	131209.8	98735.9	64081.3	39981.7	25502.7	17045.8	11935.5
0°	69481.8	109078.5	144807.6	159048.1	144807.6	109078.5	69481.8	40959.8	26078.7	17590.2	12305.0
-2.5°	64081.3	98735.9	131209.8	143909.7	131209.8	98735.9	64081.3	39981.7	25502.7	17045.8	11935.5
-5°	50252.6	75115.0	98763.6	107998.3	98763.6	75115.0	50252.6	34418.7	23037.5	15829.2	11124.6
-7.5°	37110.7	49090.2	62408.4	68084.6	62408.4	49090.2	37110.7	25769.6	19048.5	13951.9	10052.3
-10°	25505.5	33135.6	38022.2	39859.1	38022.2	33135.6	25505.5	20366.3	15469.0	11609.4	8540.5
-12.5°	18557.5	21879.4	24047.4	25001.8	24047.4	21879.4	18557.5	15382.9	12220.5	9538.0	7159.9
-15°	13537.2	15188.8	16384.1	16482.7	16384.1	15188.8	13537.2	11510.1	9548.0	7613.9	5709.8
-17.5°	9839.8	10850.4	11553.8	11671.2	11553.8	10850.4	9839.8	8458.8	7180.2	5740.1	4473.0
-20°	6995.0	7632.3	8087.4	8147.7	8087.4	7632.3	6995.0	6095.6	5208.8	4207.2	3390.5



REPORT NUMBER: P627059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	4824.7	5243.4	5520.5	5486.3	5520.5	5243.4	4824.7	4245.8	3642.1	3035.1	2463.3
-25°	3242.5	3489.7	3647.9	3608.7	3647.9	3489.7	3242.5	2908.6	2509.2	2168.7	1781.1
-27.5°	2202.4	2337.9	2416.1	2405.8	2416.1	2337.9	2202.4	2017.9	1760.9	1578.7	1358.4
-30°	1556.8	1631.8	1669.5	1659.5	1669.5	1631.8	1556.8	1451.4	1311.5	1195.5	1075.7
-32.5°	1152.8	1195.7	1219.5	1216.5	1219.5	1195.7	1152.8	1096.5	1022.3	948.5	880.9
-35°	905.5	926.9	938.4	943.9	938.4	926.9	905.5	874.6	834.2	787.7	745.4
-37.5°	746.9	757.6	762.7	763.3	762.7	757.6	746.9	730.0	706.1	674.6	648.0
-40°	639.4	643.9	644.7	644.0	644.7	643.9	639.4	629.9	614.3	594.8	576.3
-42.5°	561.8	565.6	566.8	565.7	566.8	565.6	561.8	554.6	545.3	533.9	521.7
-45°	502.6	505.0	505.7	504.3	505.7	505.0	502.6	498.5	493.2	485.4	475.0
-47.5°	458.9	459.1	458.2	456.6	458.2	459.1	458.9	457.0	453.0	447.2	440.1
-50°	424.2	424.8	424.2	422.5	424.2	424.8	424.2	422.5	419.7	415.8	410.9
-52.5°	395.2	394.8	394.9	395.3	394.9	394.8	395.2	395.0	394.0	391.7	388.4
-55°	374.8	374.3	373.2	371.4	373.2	374.3	374.8	374.8	374.0	371.6	368.7
-57.5°	354.1	353.7	352.7	351.0	352.7	353.7	354.1	353.8	352.8	350.8	348.4
-60°	329.9	329.7	328.7	327.1	328.7	329.7	329.9	329.5	328.4	326.7	324.2
-62.5°	302.2	302.2	301.4	299.9	301.4	302.2	302.2	301.4	299.8	297.8	295.3
-65°	268.6	268.3	268.9	269.2	268.9	268.3	268.6	268.3	267.4	266.0	263.8
-67.5°	238.0	237.7	236.7	235.1	236.7	237.7	238.0	237.8	236.8	234.7	231.7
-70°	206.6	206.9	206.1	204.5	206.1	206.9	206.6	205.7	204.5	202.9	200.7
-72.5°	173.8	173.1	173.6	173.8	173.6	173.1	173.8	174.2	174.0	173.3	171.5
-75°	143.4	142.5	142.9	143.1	142.9	142.5	143.4	143.9	144.0	143.7	142.3
-77.5°	112.9	112.0	110.6	109.0	110.6	112.0	112.9	113.6	113.8	113.5	112.3
-80°	81.7	81.4	80.0	78.4	80.0	81.4	81.7	81.9	81.8	81.5	80.9
-82.5°	54.8	54.2	54.4	54.5	54.4	54.2	54.8	55.1	55.4	55.5	54.6
-85°	31.2	30.6	30.7	30.7	30.7	30.6	31.2	31.8	32.3	32.7	32.2
-87.5°	11.0	10.2	10.2	10.2	10.2	10.2	11.0	11.7	12.5	13.1	13.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627059 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	12.8	12.6	12.3	12.1	11.8	11.5	11.1	10.8	10.4	10.0	9.6
85°	31.6	31.0	30.3	29.5	28.6	27.7	26.6	25.1	23.6	22.1	20.7
82.5°	53.6	52.4	51.2	49.8	48.3	46.7	44.9	42.5	39.9	37.0	34.0
80°	79.9	78.7	76.9	74.1	71.2	68.2	65.3	62.5	59.5	56.4	53.1
77.5°	110.7	108.9	106.2	101.7	97.0	92.3	87.8	84.0	80.2	76.3	72.1
75°	140.5	138.4	135.5	130.6	125.0	118.6	112.7	107.9	102.8	97.5	91.9
72.5°	169.3	166.7	163.4	159.3	154.5	148.8	141.6	134.0	126.7	119.8	113.2
70°	198.0	194.9	191.5	187.5	182.7	177.2	170.1	161.4	151.6	142.1	134.9
67.5°	228.2	224.0	220.5	217.1	212.7	207.1	198.9	190.0	180.3	169.3	159.1
65°	260.4	255.8	251.4	247.2	242.4	236.9	228.6	218.7	208.2	197.2	185.6
62.5°	292.5	289.3	284.3	278.2	271.9	265.1	257.2	247.6	236.3	223.5	210.8
60°	321.1	317.2	311.5	305.5	299.5	291.9	281.8	273.0	265.4	250.9	235.6
57.5°	345.8	341.3	334.4	327.9	322.0	313.0	302.9	292.8	283.0	273.0	259.9
55°	365.2	360.4	354.2	347.0	339.0	330.6	321.2	310.5	300.1	290.9	278.9
52.5°	384.1	379.3	373.4	366.3	357.7	348.0	337.8	327.2	317.4	307.9	297.1
50°	405.8	399.9	393.3	386.0	376.6	366.1	355.1	343.7	333.7	324.0	313.7
47.5°	432.8	424.1	414.5	405.8	395.5	384.0	372.2	360.7	349.8	338.4	328.0
45°	465.0	453.3	440.7	428.8	415.5	403.0	389.5	377.5	365.7	353.4	340.7
42.5°	505.9	488.2	471.8	455.6	439.1	423.9	408.6	394.6	381.3	368.2	354.5
40°	555.9	532.1	510.5	486.7	466.4	446.7	429.1	411.6	396.8	382.6	367.4
37.5°	617.4	586.4	556.8	526.0	498.9	473.0	451.0	430.8	411.6	396.1	380.1
35°	696.3	653.8	611.4	573.1	536.4	504.5	475.2	451.0	429.1	409.0	392.3
32.5°	802.8	742.7	678.3	629.0	580.6	538.8	503.8	473.0	446.7	423.9	403.8
30°	959.4	860.8	772.3	693.9	632.9	578.9	533.2	497.6	466.4	439.1	415.5
27.5°	1183.9	1014.4	894.8	779.4	690.3	624.9	569.7	523.0	486.3	455.6	428.6
25°	1502.1	1244.9	1037.3	886.7	765.5	672.6	607.5	553.4	508.5	471.6	439.1
22.5°	1938.3	1548.7	1230.2	1001.8	852.2	736.6	648.8	583.5	528.9	485.6	450.3
20°	2579.9	1911.1	1479.7	1166.4	949.5	798.0	691.8	614.9	551.7	500.1	460.0
17.5°	3341.5	2413.6	1752.8	1334.6	1063.4	876.7	741.6	643.8	572.5	512.8	467.9
15°	4153.2	2983.0	2134.4	1559.3	1179.8	944.2	783.0	669.4	592.3	526.8	477.7
12.5°	5189.7	3597.0	2469.1	1746.8	1294.3	1017.6	831.2	701.9	611.8	541.8	488.0
10°	6170.2	4237.2	2876.4	1993.7	1433.7	1089.7	873.9	726.9	626.9	553.8	496.3
7.5°	7096.6	4852.8	3228.6	2181.7	1541.2	1147.0	905.6	744.9	637.6	562.2	502.6
5°	7775.5	5310.9	3504.3	2326.7	1617.4	1188.5	926.1	756.1	644.0	567.1	507.0
2.5°	8292.1	5614.4	3672.0	2411.8	1660.8	1213.0	938.4	764.6	650.2	571.1	511.8
0°	8529.3	5731.6	3728.0	2456.9	1686.8	1219.9	943.9	770.1	654.3	572.5	514.6
-2.5°	8292.1	5614.4	3672.0	2411.8	1660.8	1213.0	938.4	764.6	650.2	571.1	511.8
-5°	7775.5	5310.9	3504.3	2326.7	1617.4	1188.5	926.1	756.1	644.0	567.1	507.0
-7.5°	7096.6	4852.8	3228.6	2181.7	1541.2	1147.0	905.6	744.9	637.6	562.2	502.6
-10°	6170.2	4237.2	2876.4	1993.7	1433.7	1089.7	873.9	726.9	626.9	553.8	496.3
-12.5°	5189.7	3597.0	2469.1	1746.8	1294.3	1017.6	831.2	701.9	611.8	541.8	488.0
-15°	4153.2	2983.0	2134.4	1559.3	1179.8	944.2	783.0	669.4	592.3	526.8	477.7
-17.5°	3341.5	2413.6	1752.8	1334.6	1063.4	876.7	741.6	643.8	572.5	512.8	467.9
-20°	2579.9	1911.1	1479.7	1166.4	949.5	798.0	691.8	614.9	551.7	500.1	460.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627059 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	1938.3	1548.7	1230.2	1001.8	852.2	736.6	648.8	583.5	528.9	485.6	450.3
-25°	1502.1	1244.9	1037.3	886.7	765.5	672.6	607.5	553.4	508.5	471.6	439.1
-27.5°	1183.9	1014.4	894.8	779.4	690.3	624.9	569.7	523.0	486.3	455.6	428.6
-30°	959.4	860.8	772.3	693.9	632.9	578.9	533.2	497.6	466.4	439.1	415.5
-32.5°	802.8	742.7	678.3	629.0	580.6	538.8	503.8	473.0	446.7	423.9	403.8
-35°	696.3	653.8	611.4	573.1	536.4	504.5	475.2	451.0	429.1	409.0	392.3
-37.5°	617.4	586.4	556.8	526.0	498.9	473.0	451.0	430.8	411.6	396.1	380.1
-40°	555.9	532.1	510.5	486.7	466.4	446.7	429.1	411.6	396.8	382.6	367.4
-42.5°	505.9	488.2	471.8	455.6	439.1	423.9	408.6	394.6	381.3	368.2	354.5
-45°	465.0	453.3	440.7	428.8	415.5	403.0	389.5	377.5	365.7	353.4	340.7
-47.5°	432.8	424.1	414.5	405.8	395.5	384.0	372.2	360.7	349.8	338.4	328.0
-50°	405.8	399.9	393.3	386.0	376.6	366.1	355.1	343.7	333.7	324.0	313.7
-52.5°	384.1	379.3	373.4	366.3	357.7	348.0	337.8	327.2	317.4	307.9	297.1
-55°	365.2	360.4	354.2	347.0	339.0	330.6	321.2	310.5	300.1	290.9	278.9
-57.5°	345.8	341.3	334.4	327.9	322.0	313.0	302.9	292.8	283.0	273.0	259.9
-60°	321.1	317.2	311.5	305.5	299.5	291.9	281.8	273.0	265.4	250.9	235.6
-62.5°	292.5	289.3	284.3	278.2	271.9	265.1	257.2	247.6	236.3	223.5	210.8
-65°	260.4	255.8	251.4	247.2	242.4	236.9	228.6	218.7	208.2	197.2	185.6
-67.5°	228.2	224.0	220.5	217.1	212.7	207.1	198.9	190.0	180.3	169.3	159.1
-70°	198.0	194.9	191.5	187.5	182.7	177.2	170.1	161.4	151.6	142.1	134.9
-72.5°	169.3	166.7	163.4	159.3	154.5	148.8	141.6	134.0	126.7	119.8	113.2
-75°	140.5	138.4	135.5	130.6	125.0	118.6	112.7	107.9	102.8	97.5	91.9
-77.5°	110.7	108.9	106.2	101.7	97.0	92.3	87.8	84.0	80.2	76.3	72.1
-80°	79.9	78.7	76.9	74.1	71.2	68.2	65.3	62.5	59.5	56.4	53.1
-82.5°	53.6	52.4	51.2	49.8	48.3	46.7	44.9	42.5	39.9	37.0	34.0
-85°	31.6	31.0	30.3	29.5	28.6	27.7	26.6	25.1	23.6	22.1	20.7
-87.5°	12.8	12.6	12.3	12.1	11.8	11.5	11.1	10.8	10.4	10.0	9.6
-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: P627059 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2E-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°	9.2	8.7	8.3	7.8	7.3	6.8	6.3	5.7	5.2	4.7	4.1
85°	19.9	19.0	17.9	16.6	15.1	13.6	12.5	11.5	10.4	9.3	8.2
82.5°	32.3	31.1	29.8	28.3	26.1	23.8	21.4	19.0	16.6	14.1	12.2
80°	49.9	46.8	43.9	40.9	37.5	33.9	30.8	27.6	24.3	21.0	17.6
77.5°	67.8	63.3	58.7	54.4	50.1	45.6	41.1	36.5	32.1	27.9	23.7
75°	86.1	80.6	75.0	69.2	63.3	57.3	51.8	46.3	40.6	34.8	29.7
72.5°	106.3	99.3	91.9	84.5	77.5	70.4	63.2	56.0	49.4	42.7	35.9
70°	127.4	118.7	110.0	101.6	92.8	83.5	75.2	66.8	58.1	50.5	42.7
67.5°	149.5	140.6	130.3	119.2	109.3	98.8	87.6	77.6	68.0	58.1	49.4
65°	173.8	162.6	151.9	139.1	126.5	114.4	102.2	89.1	77.6	66.8	56.0
62.5°	197.6	184.1	171.2	158.0	144.3	130.4	116.6	101.9	87.5	75.2	63.2
60°	221.0	206.1	190.2	175.2	160.8	146.1	130.5	114.3	98.5	83.5	70.4
57.5°	243.4	227.7	209.7	192.1	175.9	160.5	143.9	126.3	109.2	92.6	77.5
55°	264.1	246.7	228.0	208.9	190.7	173.8	156.5	137.8	119.5	101.6	84.3
52.5°	283.3	265.0	245.1	224.8	205.0	186.6	168.3	148.9	129.3	110.3	91.6
50°	301.1	283.2	262.0	240.3	218.5	199.1	179.9	159.6	138.7	118.6	98.8
47.5°	316.5	299.5	279.0	255.5	232.4	211.5	191.3	170.0	147.6	126.4	105.7
45°	329.1	314.7	294.9	271.3	246.5	224.3	202.5	180.2	156.8	134.0	112.3
42.5°	340.8	327.4	309.5	286.6	260.9	237.0	213.4	190.2	165.7	141.3	118.7
40°	352.7	338.5	323.1	300.1	274.5	249.1	224.5	199.8	174.4	148.4	124.7
37.5°	363.8	349.1	333.5	312.6	286.6	260.5	235.0	209.2	182.4	155.5	130.4
35°	375.1	358.6	342.5	322.4	297.3	270.9	245.0	218.2	190.0	162.2	135.8
32.5°	386.0	367.4	350.0	330.4	307.0	280.2	254.0	226.0	197.1	168.3	140.9
30°	395.8	375.7	357.3	338.1	315.3	288.3	261.5	233.1	203.7	173.9	145.7
27.5°	403.7	382.5	364.2	344.7	321.9	295.7	268.2	239.5	209.7	179.1	150.2
25°	411.5	388.9	369.7	350.7	328.1	303.1	274.3	245.1	215.0	184.0	154.3
22.5°	420.3	394.8	374.0	356.4	334.4	310.2	280.2	250.0	219.6	188.3	157.9
20°	428.0	399.9	377.3	360.9	339.4	315.5	285.8	254.4	223.6	192.2	161.1
17.5°	434.8	405.3	381.5	363.6	343.4	320.1	291.0	258.4	226.9	195.6	163.8
15°	441.8	411.0	385.4	365.8	346.5	323.9	295.7	261.7	229.7	198.5	166.2
12.5°	448.1	415.7	388.4	367.4	349.0	327.0	299.8	264.6	231.7	200.9	168.4
10°	453.4	419.3	390.7	368.6	350.7	329.3	303.3	267.3	234.0	202.8	170.3
7.5°	457.4	421.8	392.2	369.2	351.8	331.2	306.4	270.4	235.9	204.0	171.8
5°	460.4	423.8	394.5	371.3	353.3	332.7	308.5	273.0	237.3	204.7	172.9
2.5°	462.7	425.5	397.0	373.3	354.1	333.6	309.7	274.8	238.2	204.9	173.6
0°	463.4	426.0	398.7	374.8	354.4	333.9	310.1	276.0	238.5	204.5	173.8
-2.5°	462.7	425.5	397.0	373.3	354.1	333.6	309.7	274.8	238.2	204.9	173.6
-5°	460.4	423.8	394.5	371.3	353.3	332.7	308.5	273.0	237.3	204.7	172.9
-7.5°	457.4	421.8	392.2	369.2	351.8	331.2	306.4	270.4	235.9	204.0	171.8
-10°	453.4	419.3	390.7	368.6	350.7	329.3	303.3	267.3	234.0	202.8	170.3
-12.5°	448.1	415.7	388.4	367.4	349.0	327.0	299.8	264.6	231.7	200.9	168.4
-15°	441.8	411.0	385.4	365.8	346.5	323.9	295.7	261.7	229.7	198.5	166.2
-17.5°	434.8	405.3	381.5	363.6	343.4	320.1	291.0	258.4	226.9	195.6	163.8
-20°	428.0	399.9	377.3	360.9	339.4	315.5	285.8	254.4	223.6	192.2	161.1

Classified

Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627059 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-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°	420.3	394.8	374.0	356.4	334.4	310.2	280.2	250.0	219.6	188.3	157.9
-25°	411.5	388.9	369.7	350.7	328.1	303.1	274.3	245.1	215.0	184.0	154.3
-27.5°	403.7	382.5	364.2	344.7	321.9	295.7	268.2	239.5	209.7	179.1	150.2
-30°	395.8	375.7	357.3	338.1	315.3	288.3	261.5	233.1	203.7	173.9	145.7
-32.5°	386.0	367.4	350.0	330.4	307.0	280.2	254.0	226.0	197.1	168.3	140.9
-35°	375.1	358.6	342.5	322.4	297.3	270.9	245.0	218.2	190.0	162.2	135.8
-37.5°	363.8	349.1	333.5	312.6	286.6	260.5	235.0	209.2	182.4	155.5	130.4
-40°	352.7	338.5	323.1	300.1	274.5	249.1	224.5	199.8	174.4	148.4	124.7
-42.5°	340.8	327.4	309.5	286.6	260.9	237.0	213.4	190.2	165.7	141.3	118.7
-45°	329.1	314.7	294.9	271.3	246.5	224.3	202.5	180.2	156.8	134.0	112.3
-47.5°	316.5	299.5	279.0	255.5	232.4	211.5	191.3	170.0	147.6	126.4	105.7
-50°	301.1	283.2	262.0	240.3	218.5	199.1	179.9	159.6	138.7	118.6	98.8
-52.5°	283.3	265.0	245.1	224.8	205.0	186.6	168.3	148.9	129.3	110.3	91.6
-55°	264.1	246.7	228.0	208.9	190.7	173.8	156.5	137.8	119.5	101.6	84.3
-57.5°	243.4	227.7	209.7	192.1	175.9	160.5	143.9	126.3	109.2	92.6	77.5
-60°	221.0	206.1	190.2	175.2	160.8	146.1	130.5	114.3	98.5	83.5	70.4
-62.5°	197.6	184.1	171.2	158.0	144.3	130.4	116.6	101.9	87.5	75.2	63.2
-65°	173.8	162.6	151.9	139.1	126.5	114.4	102.2	89.1	77.6	66.8	56.0
-67.5°	149.5	140.6	130.3	119.2	109.3	98.8	87.6	77.6	68.0	58.1	49.4
-70°	127.4	118.7	110.0	101.6	92.8	83.5	75.2	66.8	58.1	50.5	42.7
-72.5°	106.3	99.3	91.9	84.5	77.5	70.4	63.2	56.0	49.4	42.7	35.9
-75°	86.1	80.6	75.0	69.2	63.3	57.3	51.8	46.3	40.6	34.8	29.7
-77.5°	67.8	63.3	58.7	54.4	50.1	45.6	41.1	36.5	32.1	27.9	23.7
-80°	49.9	46.8	43.9	40.9	37.5	33.9	30.8	27.6	24.3	21.0	17.6
-82.5°	32.3	31.1	29.8	28.3	26.1	23.8	21.4	19.0	16.6	14.1	12.2
-85°	19.9	19.0	17.9	16.6	15.1	13.6	12.5	11.5	10.4	9.3	8.2
-87.5°	9.2	8.7	8.3	7.8	7.3	6.8	6.3	5.7	5.2	4.7	4.1
-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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CATALOG NUMBER: GFLD-SA2E-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°	3.5	2.9	2.4	1.8	1.2	0.5	0.0
85°	7.0	5.9	4.7	3.5	2.4	1.0	0.0
82.5°	10.5	8.8	7.1	5.3	3.5	1.6	0.0
80°	14.2	11.7	9.4	7.1	4.7	2.1	0.0
77.5°	19.4	15.0	11.7	8.8	5.8	2.6	0.0
75°	24.5	19.2	14.2	10.5	7.0	3.1	0.0
72.5°	29.5	23.2	17.3	12.2	8.1	3.6	0.0
70°	34.6	27.1	20.3	14.0	9.2	4.0	0.0
67.5°	40.2	31.0	23.3	16.2	10.2	4.5	0.0
65°	45.8	35.2	26.2	18.3	11.2	5.0	0.0
62.5°	51.3	39.8	29.1	20.4	12.2	5.4	0.0
60°	56.6	44.2	31.8	22.3	13.1	5.8	0.0
57.5°	62.5	48.6	35.2	24.3	14.4	6.2	0.0
55°	68.3	52.8	38.6	26.1	15.6	6.6	0.0
52.5°	74.0	57.0	41.9	27.9	16.8	7.0	0.0
50°	79.4	61.5	45.0	29.7	17.9	7.4	0.0
47.5°	84.8	65.9	48.1	31.4	19.0	7.7	0.0
45°	90.4	70.1	51.0	33.6	20.1	8.1	0.0
42.5°	95.9	74.1	53.7	35.7	21.1	8.4	0.0
40°	101.1	77.9	56.6	37.7	22.1	8.6	0.0
37.5°	106.0	81.5	59.5	39.7	23.1	8.9	0.0
35°	110.6	85.2	62.2	41.5	24.0	9.2	0.0
32.5°	114.9	88.8	64.7	43.3	24.8	9.4	0.0
30°	118.9	92.1	67.1	44.9	25.7	9.6	0.0
27.5°	122.6	95.2	69.4	46.4	26.4	9.7	0.0
25°	126.0	98.0	71.5	47.8	27.1	9.9	0.0
22.5°	129.1	100.6	73.4	49.0	27.8	10.0	0.0
20°	131.9	102.8	75.2	50.2	28.4	10.1	0.0
17.5°	134.1	104.7	76.7	51.2	28.9	10.2	0.0
15°	136.0	106.2	78.0	52.1	29.4	10.3	0.0
12.5°	137.5	107.4	79.2	52.8	29.8	10.3	0.0
10°	138.7	108.3	80.1	53.4	30.1	10.3	0.0
7.5°	139.5	108.9	80.9	53.9	30.4	10.3	0.0
5°	139.9	109.2	81.4	54.2	30.5	10.3	0.0
2.5°	140.0	109.3	81.7	54.4	30.7	10.3	0.0
0°	139.7	109.0	81.8	54.5	30.7	10.2	0.0
-2.5°	140.0	109.3	81.7	54.4	30.7	10.3	0.0
-5°	139.9	109.2	81.4	54.2	30.5	10.3	0.0
-7.5°	139.5	108.9	80.9	53.9	30.4	10.3	0.0
-10°	138.7	108.3	80.1	53.4	30.1	10.3	0.0
-12.5°	137.5	107.4	79.2	52.8	29.8	10.3	0.0
-15°	136.0	106.2	78.0	52.1	29.4	10.3	0.0
-17.5°	134.1	104.7	76.7	51.2	28.9	10.2	0.0
-20°	131.9	102.8	75.2	50.2	28.4	10.1	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	129.1	100.6	73.4	49.0	27.8	10.0	0.0
-25°	126.0	98.0	71.5	47.8	27.1	9.9	0.0
-27.5°	122.6	95.2	69.4	46.4	26.4	9.7	0.0
-30°	118.9	92.1	67.1	44.9	25.7	9.6	0.0
-32.5°	114.9	88.8	64.7	43.3	24.8	9.4	0.0
-35°	110.6	85.2	62.2	41.5	24.0	9.2	0.0
-37.5°	106.0	81.5	59.5	39.7	23.1	8.9	0.0
-40°	101.1	77.9	56.6	37.7	22.1	8.6	0.0
-42.5°	95.9	74.1	53.7	35.7	21.1	8.4	0.0
-45°	90.4	70.1	51.0	33.6	20.1	8.1	0.0
-47.5°	84.8	65.9	48.1	31.4	19.0	7.7	0.0
-50°	79.4	61.5	45.0	29.7	17.9	7.4	0.0
-52.5°	74.0	57.0	41.9	27.9	16.8	7.0	0.0
-55°	68.3	52.8	38.6	26.1	15.6	6.6	0.0
-57.5°	62.5	48.6	35.2	24.3	14.4	6.2	0.0
-60°	56.6	44.2	31.8	22.3	13.1	5.8	0.0
-62.5°	51.3	39.8	29.1	20.4	12.2	5.4	0.0
-65°	45.8	35.2	26.2	18.3	11.2	5.0	0.0
-67.5°	40.2	31.0	23.3	16.2	10.2	4.5	0.0
-70°	34.6	27.1	20.3	14.0	9.2	4.0	0.0
-72.5°	29.5	23.2	17.3	12.2	8.1	3.6	0.0
-75°	24.5	19.2	14.2	10.5	7.0	3.1	0.0
-77.5°	19.4	15.0	11.7	8.8	5.8	2.6	0.0
-80°	14.2	11.7	9.4	7.1	4.7	2.1	0.0
-82.5°	10.5	8.8	7.1	5.3	3.5	1.6	0.0
-85°	7.0	5.9	4.7	3.5	2.4	1.0	0.0
-87.5°	3.5	2.9	2.4	1.8	1.2	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)