

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: P627518 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-735-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627518 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA4E-735-U-NR-VSR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (64) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

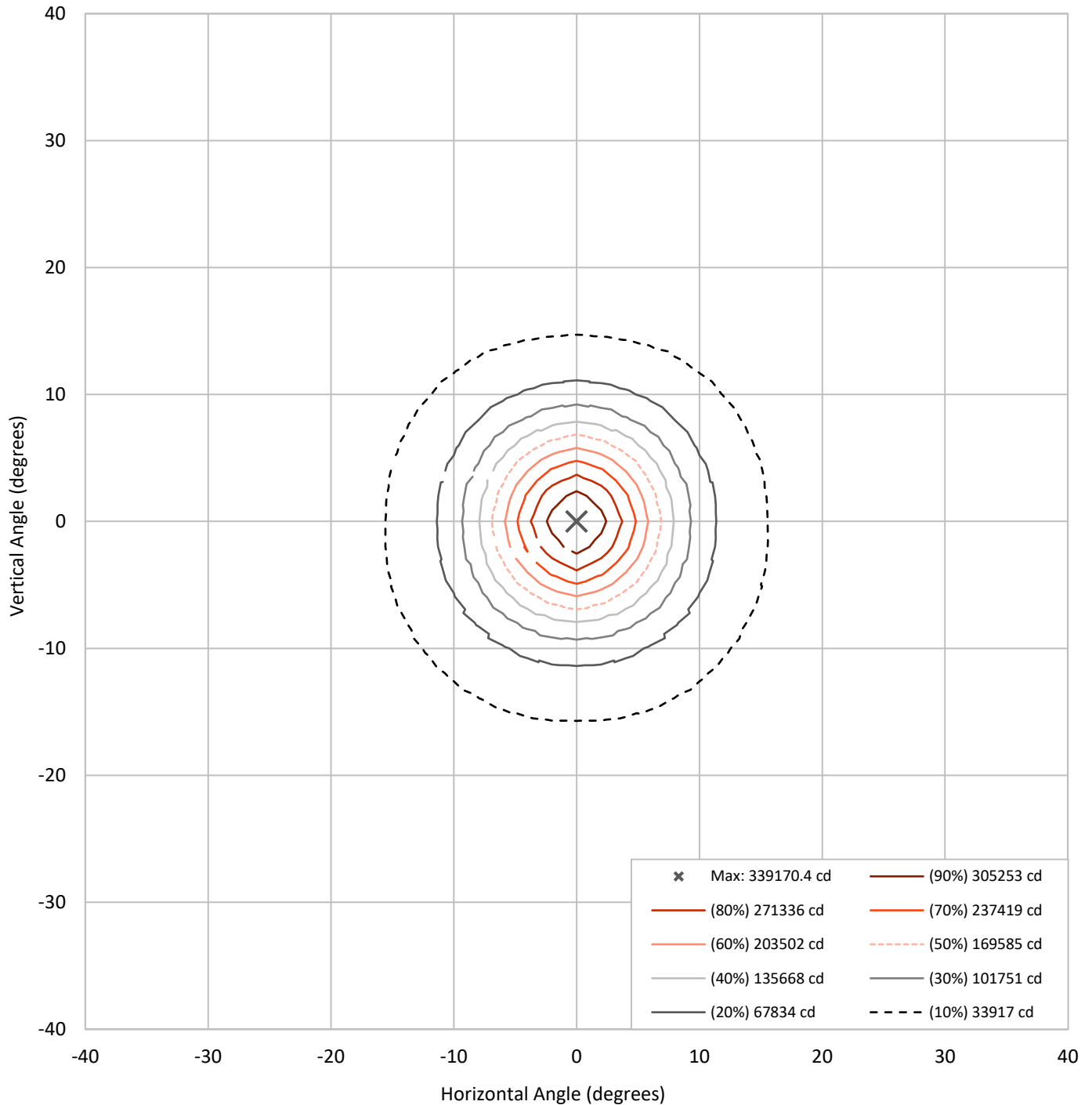
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	33459.8 lumens	Max Intensity:	339170.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	130.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	13.6°H x 13.6°V	Field Angle (10%):	30.9°H x 30.2°V
Beam Lumens:	10681.9 lumens	Field Lumens:	23792.1 lumens
Beam Efficiency:	31.9%	Field Efficiency:	71.1%
Input Watts (W):	255.9		
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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CATALOG NUMBER: GFLD-SA4E-735-U-NR-VSR-XX

Iso-Candela Plot





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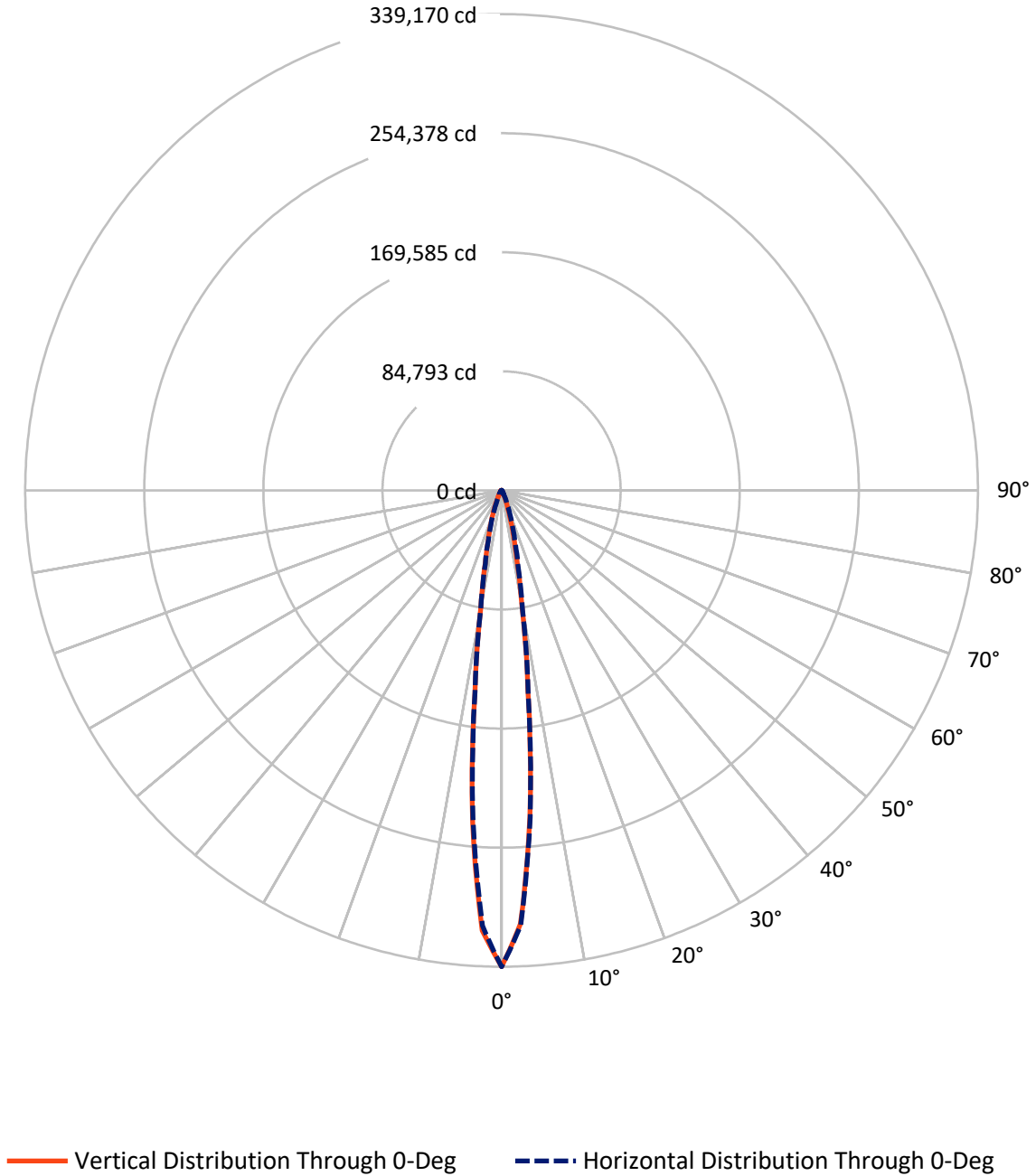
CATALOG NUMBER: GFLD-SA4E-735-U-NR-VSR-XX

Lumen Table

90																			
80	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0					
70																			
60	0.1	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.1			
50		0.1	0.2	0.8	1.9	3.0	4.0	4.8	4.8	4.0	3.0	1.9	0.8	0.2	0.1				
40	0.2	0.2	1.0	2.9	5.4	8.0	11.3	13.3	13.3	11.3	8.0	5.4	2.9	1.0	0.2	0.2			
30		0.5	2.4	5.7	10.1	16.0	27.2	34.6	34.6	27.2	16.0	10.1	5.7	2.4	0.5				
20	0.3	0.9	3.7	8.6	15.7	34.0	90.9	150.5	150.5	90.9	34.0	15.7	8.6	3.7	0.9	0.3			
10		1.4	5.1	11.9	25.9	101.7	428.9	942.8	942.8	428.9	101.7	25.9	11.9	5.1	1.4				
0	0.5	1.8	6.2	14.0	35.1	191.0	1027.8	4609.3	4609.3	1027.8	191.0	35.1	14.0	6.2	1.8	0.5			
-10		2.1	6.8	14.7	37.8	203.5	1063.8	4687.6	4687.6	1063.8	203.5	37.8	14.7	6.8	2.1				
-20	0.6	2.2	6.9	14.5	33.1	129.5	516.4	1104.6	1104.6	516.4	129.5	33.1	14.5	6.9	2.2	0.6			
-30		2.1	6.6	13.3	25.6	60.5	159.1	265.2	265.2	159.1	60.5	25.6	13.3	6.6	2.1				
-40	0.6	1.8	5.9	11.7	20.0	33.2	54.1	68.7	68.7	54.1	33.2	20.0	11.7	5.9	1.8	0.6			
-50		1.5	4.8	9.8	16.2	23.2	31.2	34.8	34.8	31.2	23.2	16.2	9.8	4.8	1.5				
-60	0.4	1.2	3.6	7.7	12.7	17.8	22.5	24.6	24.6	22.5	17.8	12.7	7.7	3.6	1.2	0.4			
-70		0.7	2.3	5.0	8.5	12.4	15.7	17.2	17.2	15.7	12.4	8.5	5.0	2.3	0.7				
-80	0.1	2.0		8.4	18.5		23.4	18.5		8.4	2.0		0.1						
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

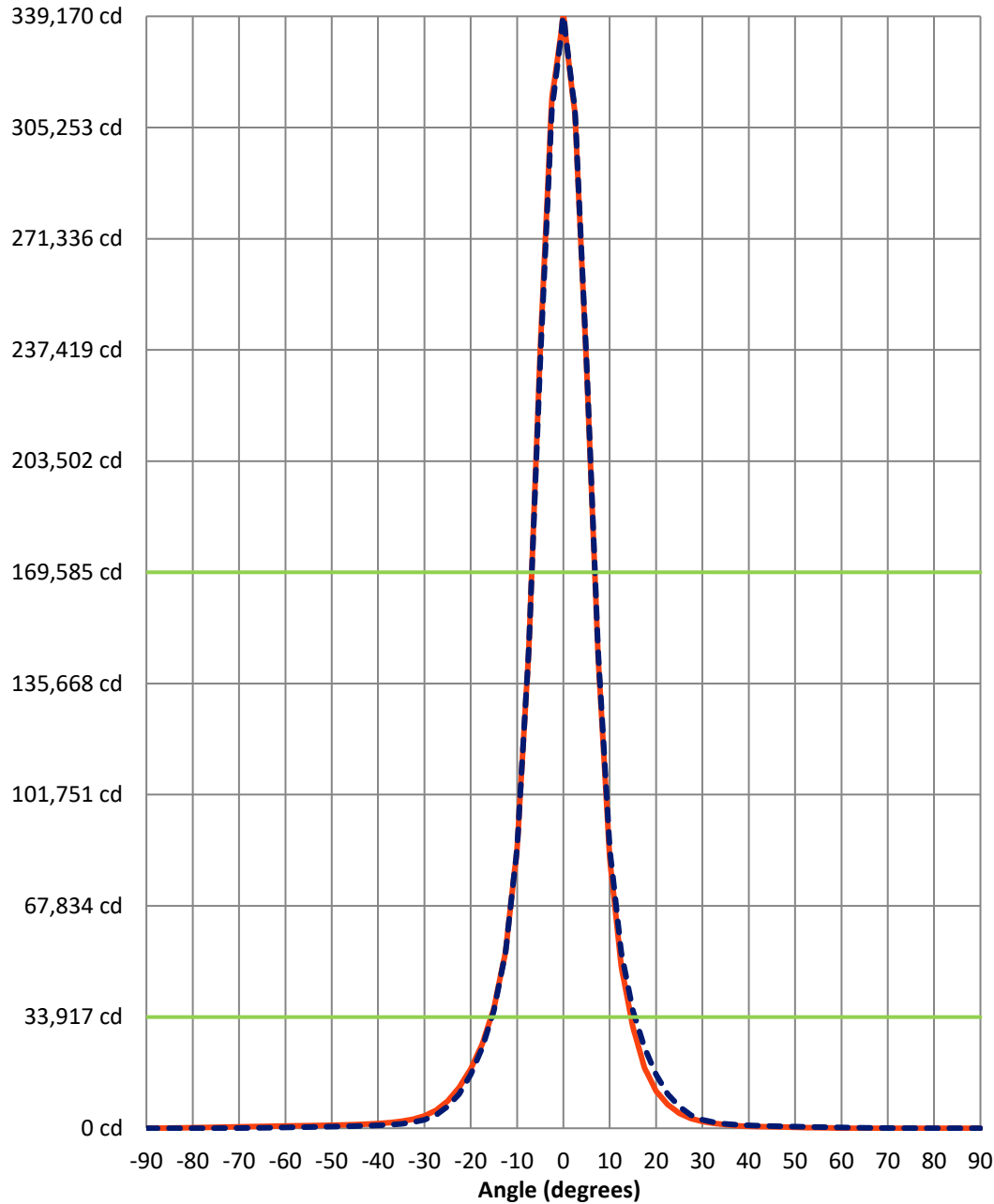
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.6°
 V Angle: 13.6°
 Lumens: 10681.9
 Efficiency: 31.9%

Field:
 H Angle: 30.9°
 V Angle: 30.2°
 Lumens: 23792.1
 Efficiency: 71.1%

Spill:
 Lumens: 9667.8
 Efficiency: 28.9%

— 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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.8	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
75°	0.0	1.0	0.1	0.0	0.1	0.6	0.2	0.0	0.1	0.6	0.3
72.5°	0.0	1.1	0.2	0.0	0.8	1.1	0.4	0.4	1.5	1.6	0.7
70°	0.0	1.3	0.3	0.1	1.5	1.6	0.8	2.2	3.0	2.7	1.0
67.5°	0.0	1.5	0.4	0.8	2.2	2.2	2.5	4.1	4.6	2.9	1.2
65°	0.0	1.7	0.6	1.6	2.9	3.1	4.2	6.0	4.9	3.2	2.2
62.5°	0.0	1.8	0.7	2.3	3.7	4.1	5.7	6.8	5.1	3.7	4.5
60°	0.0	2.0	1.0	3.0	4.5	5.0	7.1	7.0	5.4	5.2	6.6
57.5°	0.0	2.2	1.6	3.8	5.1	5.9	7.2	7.2	6.1	6.4	7.2
55°	0.0	2.4	2.2	4.6	5.5	6.6	7.2	7.2	6.7	7.2	7.2
52.5°	0.0	2.6	2.7	5.4	6.0	7.2	7.2	7.2	7.0	7.2	7.2
50°	0.0	2.9	3.3	6.2	6.4	7.2	7.2	7.2	7.2	7.2	8.4
47.5°	0.0	3.1	3.7	6.8	6.7	7.2	7.2	7.2	7.2	7.2	10.0
45°	0.0	3.3	4.2	7.0	6.9	7.2	7.2	7.2	7.4	8.9	11.8
42.5°	0.0	3.5	4.6	7.2	7.1	7.2	7.2	7.5	7.9	10.9	15.9
40°	0.0	3.7	5.0	7.2	7.2	7.2	7.2	8.0	9.2	13.2	20.5
37.5°	0.0	4.0	5.4	7.2	7.2	7.2	7.2	8.8	11.7	16.6	25.2
35°	0.0	4.2	5.7	7.2	7.2	7.2	7.2	9.6	14.3	21.1	30.9
32.5°	0.0	4.4	6.0	7.2	7.2	7.2	7.4	10.6	17.1	25.5	38.4
30°	0.0	4.7	6.2	7.2	7.2	7.2	8.2	12.0	20.0	29.8	46.5
27.5°	0.0	4.9	6.4	7.2	7.2	7.2	9.0	14.3	23.1	33.8	55.1
25°	0.0	5.1	6.6	7.2	7.2	7.2	9.8	16.6	26.5	39.8	64.4
22.5°	0.0	5.4	6.8	7.2	7.2	7.3	10.7	18.9	29.8	47.0	75.4
20°	0.0	5.6	6.9	7.2	7.2	7.9	11.6	21.2	32.9	54.4	85.5
17.5°	0.0	5.8	7.0	7.2	7.2	8.5	12.9	23.4	35.8	61.7	94.7
15°	0.0	6.1	7.1	7.2	7.2	9.2	14.4	25.7	38.5	69.0	103.1
12.5°	0.0	6.3	7.1	7.2	7.2	10.1	15.7	27.8	42.1	76.1	110.6
10°	0.0	6.5	7.2	7.2	7.2	10.9	17.1	29.8	46.7	82.6	117.2
7.5°	0.0	6.7	7.2	7.2	7.2	11.8	18.3	31.6	51.4	88.3	123.1
5°	0.0	6.9	7.2	7.2	7.2	12.7	19.4	33.2	56.0	93.1	128.2
2.5°	0.0	7.0	7.2	7.2	7.2	13.6	20.5	34.7	60.5	97.2	132.7
0°	0.0	7.2	7.2	7.2	7.2	14.4	21.5	35.9	64.6	100.5	136.4
-2.5°	0.0	7.2	7.2	7.2	7.8	15.2	23.4	38.1	68.3	103.2	141.0
-5°	0.0	7.2	7.2	7.2	8.4	15.8	25.1	40.0	71.4	105.3	144.8
-7.5°	0.0	7.1	7.2	7.2	9.0	16.4	26.7	41.8	74.0	106.9	147.6
-10°	0.0	7.1	7.2	7.2	9.6	17.0	28.1	43.3	75.9	108.0	149.4
-12.5°	0.0	7.0	7.2	7.2	10.0	17.4	29.3	44.7	77.0	109.1	152.2
-15°	0.0	7.0	7.2	7.2	10.4	17.8	30.2	45.8	77.3	111.3	154.8
-17.5°	0.0	6.9	7.2	7.2	10.8	18.1	30.8	46.9	76.8	112.4	156.0
-20°	0.0	6.8	7.2	7.2	11.0	18.4	31.3	47.8	75.7	112.3	155.8

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Scaled Data Report



REPORT NUMBER: P627518 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.7	7.2	7.2	11.1	18.5	31.6	48.4	74.0	111.0	154.0
-25°	0.0	6.5	7.2	7.2	11.0	19.0	31.8	48.6	71.7	108.4	150.6
-27.5°	0.0	6.4	7.2	7.2	10.8	19.5	31.9	48.5	68.9	104.8	147.4
-30°	0.0	6.2	7.2	7.2	10.6	19.8	31.7	47.9	67.4	100.9	142.5
-32.5°	0.0	6.1	7.2	7.2	10.6	20.0	31.3	47.4	66.5	96.4	135.7
-35°	0.0	5.9	7.2	7.2	10.4	20.0	31.2	46.7	65.2	91.3	127.0
-37.5°	0.0	5.7	7.2	7.2	10.2	19.8	31.1	45.9	63.3	85.6	122.1
-40°	0.0	5.5	7.2	7.2	9.8	19.4	30.7	44.8	60.9	81.9	117.6
-42.5°	0.0	5.3	7.2	7.3	9.7	18.8	30.1	43.5	58.9	80.2	112.1
-45°	0.0	5.1	7.2	7.5	9.9	18.0	29.2	42.2	57.2	77.8	105.9
-47.5°	0.0	4.9	7.2	7.6	10.1	17.1	28.0	40.7	55.3	74.4	101.9
-50°	0.0	4.6	7.2	7.7	10.2	15.9	26.6	39.0	53.2	71.6	96.6
-52.5°	0.0	4.4	7.2	7.8	10.2	14.6	24.9	36.8	50.5	67.7	90.3
-55°	0.0	4.1	7.2	7.8	10.2	14.2	22.9	34.4	47.5	62.6	83.8
-57.5°	0.0	3.9	7.2	7.8	10.0	13.9	20.8	31.6	44.1	58.1	75.9
-60°	0.0	3.6	7.2	7.7	9.8	13.4	18.6	28.6	40.3	53.4	68.0
-62.5°	0.0	3.3	6.6	7.7	9.6	12.9	17.7	25.3	36.1	48.3	61.9
-65°	0.0	3.0	6.1	7.5	9.2	12.2	16.6	22.2	31.6	42.8	55.2
-67.5°	0.0	2.8	5.5	7.4	8.8	11.5	15.3	20.4	26.8	36.9	48.1
-70°	0.0	2.5	4.9	7.2	8.3	10.6	14.0	18.4	24.0	30.7	40.6
-72.5°	0.0	2.2	4.3	6.5	7.8	9.7	12.5	16.3	21.0	26.7	33.3
-75°	0.0	1.9	3.7	5.6	7.3	8.7	10.9	14.2	17.8	22.5	28.1
-77.5°	0.0	1.6	3.1	4.7	6.2	7.6	9.2	12.3	15.5	18.7	22.5
-80°	0.0	1.2	2.5	3.7	5.0	6.2	7.4	10.2	13.2	16.1	19.0
-82.5°	0.0	0.9	1.9	2.8	3.7	4.7	5.6	8.0	10.9	13.5	16.1
-85°	0.0	0.6	1.3	1.9	2.5	3.1	3.7	5.4	7.3	9.6	12.1
-87.5°	0.0	0.3	0.6	0.9	1.2	1.6	1.9	2.7	3.7	4.8	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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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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.5	2.1	2.4	1.5	0.0	0.0	0.0	0.5	0.0	0.0	0.0
65°	3.5	4.7	3.6	1.9	0.1	1.7	2.4	1.9	0.2	0.0	0.0
62.5°	6.7	5.7	4.0	3.0	4.1	5.4	4.2	2.5	0.7	3.5	5.0
60°	7.2	6.1	5.1	5.7	7.3	6.5	4.7	7.0	10.6	13.3	16.1
57.5°	7.2	6.7	6.5	7.8	8.2	8.2	12.6	16.9	23.9	29.6	33.6
55°	7.4	7.1	8.2	9.7	12.1	17.1	23.4	33.1	40.8	52.6	62.7
52.5°	8.2	8.1	11.0	14.7	21.7	29.6	40.8	54.4	69.7	81.3	93.4
50°	9.3	12.0	15.4	24.6	34.2	46.7	65.0	84.8	97.7	110.7	128.2
47.5°	12.8	16.3	25.3	36.0	49.9	69.8	95.0	109.2	122.0	142.4	164.2
45°	17.3	24.5	35.5	50.4	69.6	97.4	117.2	128.8	151.0	174.6	199.5
42.5°	22.0	33.7	48.8	64.5	94.7	121.1	139.0	157.5	179.9	207.5	234.5
40°	29.9	42.9	63.4	88.0	118.7	144.5	167.0	188.3	210.2	246.3	274.9
37.5°	37.9	56.8	79.9	110.6	142.5	170.6	195.8	222.5	253.8	294.5	320.3
35°	45.6	71.2	99.5	132.1	166.0	197.9	228.1	259.3	299.9	338.4	369.2
32.5°	56.5	86.0	117.9	153.1	188.0	224.1	260.7	298.0	338.0	377.4	417.7
30°	70.1	101.7	135.3	173.1	208.2	249.9	292.4	331.8	372.2	413.6	459.2
27.5°	83.8	116.4	152.8	190.9	227.7	275.3	321.1	362.3	403.7	448.3	500.3
25°	96.4	131.3	169.3	206.8	250.1	301.0	351.2	399.0	434.0	484.8	545.6
22.5°	108.6	145.8	186.6	221.1	271.6	327.1	385.5	436.8	478.3	523.7	592.6
20°	120.7	160.7	202.8	241.5	293.2	352.9	422.2	475.1	526.5	585.0	655.4
17.5°	132.2	174.6	218.8	264.7	319.4	381.1	459.9	513.7	575.1	645.2	733.9
15°	143.1	187.5	234.8	286.4	343.0	409.5	485.4	552.6	626.0	706.9	811.7
12.5°	153.3	199.3	250.7	306.6	363.7	433.8	506.8	578.2	662.8	768.6	900.5
10°	162.6	209.9	266.0	325.0	381.8	454.4	525.6	600.0	689.2	805.4	956.4
7.5°	170.4	220.7	280.6	341.7	397.3	471.4	541.9	617.9	711.3	835.9	994.1
5°	176.9	231.9	294.1	352.4	410.3	485.9	555.6	632.1	728.9	859.7	1021.0
2.5°	182.4	242.3	305.9	360.3	421.4	499.2	566.4	647.9	746.8	878.2	1046.2
0°	186.7	251.3	315.9	366.1	430.7	509.7	574.3	660.5	761.0	890.2	1069.7
-2.5°	195.4	258.8	321.9	372.9	440.6	511.4	579.5	662.3	766.3	899.5	1074.0
-5°	202.7	264.8	326.2	378.1	448.1	511.3	581.8	660.8	768.1	904.8	1081.8
-7.5°	208.3	269.4	329.1	382.2	452.1	513.6	585.0	665.9	773.7	909.7	1092.0
-10°	212.0	272.8	331.5	387.3	453.0	516.1	586.2	667.0	772.8	906.6	1086.5
-12.5°	213.9	274.7	332.7	390.1	452.8	515.8	584.5	663.9	764.9	895.2	1064.3
-15°	214.5	275.5	332.5	390.4	451.7	512.8	580.0	656.3	750.7	876.0	1029.4
-17.5°	213.8	275.1	331.1	388.0	450.1	506.8	572.8	646.2	736.3	853.4	1001.1
-20°	212.0	273.6	328.6	382.9	447.7	501.4	565.7	636.6	721.2	827.5	959.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627518 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	209.0	271.0	325.1	377.6	439.7	496.3	556.4	624.0	699.9	795.9	913.2
-25°	205.5	265.9	320.6	373.6	430.6	488.5	544.6	608.9	678.6	770.9	876.5
-27.5°	200.9	259.7	314.3	368.0	421.1	478.0	532.8	593.5	662.6	744.0	838.3
-30°	194.3	251.0	305.6	360.3	412.6	466.2	519.1	577.0	642.0	718.8	805.9
-32.5°	185.9	241.2	294.7	348.8	403.2	454.3	504.1	559.7	620.8	688.1	771.0
-35°	177.4	230.7	282.8	334.4	391.7	441.0	489.0	540.0	596.8	659.4	726.9
-37.5°	169.4	219.4	270.2	318.9	373.2	424.6	471.2	519.7	572.2	629.6	691.0
-40°	160.8	207.4	257.0	304.4	352.1	404.4	451.0	497.8	546.3	603.9	658.5
-42.5°	151.9	197.2	243.1	289.6	335.1	381.9	428.4	473.2	524.4	579.0	632.5
-45°	144.5	186.5	229.1	274.3	319.2	361.5	405.1	447.0	499.0	553.5	605.8
-47.5°	135.8	175.6	216.9	257.8	301.9	344.2	383.4	425.8	470.0	521.4	576.3
-50°	126.8	164.5	202.5	241.1	282.9	325.2	365.0	404.1	445.8	488.1	535.5
-52.5°	119.1	152.1	187.3	222.7	262.2	303.6	343.8	383.0	421.4	461.1	501.5
-55°	110.1	140.2	171.4	204.5	239.1	278.7	318.6	356.8	396.0	433.1	472.7
-57.5°	100.0	127.1	155.4	186.5	217.9	250.4	289.1	327.2	364.0	401.5	442.4
-60°	88.5	112.8	138.5	167.1	197.8	227.6	258.9	294.1	329.7	365.3	403.1
-62.5°	76.8	97.8	121.0	146.0	174.1	203.3	231.9	262.0	294.0	325.0	357.7
-65°	68.9	83.7	103.2	125.4	148.6	174.7	201.8	229.5	257.7	283.9	309.1
-67.5°	60.5	73.9	88.3	104.7	125.6	147.7	169.4	194.2	219.4	243.6	267.1
-70°	51.6	63.4	76.2	89.9	104.8	122.8	143.1	163.0	182.4	202.7	224.5
-72.5°	42.3	52.6	63.7	75.5	88.2	102.5	118.1	135.1	152.3	169.1	186.1
-75°	34.7	41.5	50.6	60.6	71.6	82.8	94.1	107.5	122.1	136.8	151.1
-77.5°	28.5	34.8	41.1	47.3	55.1	65.3	75.4	85.3	95.5	106.5	118.4
-80°	23.2	28.1	33.8	39.4	44.8	51.0	58.0	65.8	73.0	80.4	88.4
-82.5°	19.4	23.1	27.1	31.5	34.7	38.0	41.7	46.3	51.1	56.0	61.1
-85°	14.9	17.9	20.6	23.5	25.0	26.6	28.4	30.4	33.5	36.5	39.5
-87.5°	7.5	9.0	10.6	12.3	13.1	13.8	14.5	15.2	17.2	19.2	21.3
-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: P627518 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-735-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.4	0.1	0.0	0.0	0.1	1.3	1.8	1.5	0.7	0.0	0.0
62.5°	4.2	3.5	5.6	7.4	8.2	8.0	7.3	6.5	5.6	5.2	5.9
60°	17.2	16.9	23.6	26.8	24.4	17.2	27.0	31.9	30.7	26.3	26.1
57.5°	42.2	51.2	57.7	60.6	70.1	85.5	88.4	83.4	81.6	83.2	96.1
55°	73.0	80.3	84.1	97.1	108.7	117.0	122.0	127.0	134.3	143.3	152.6
52.5°	103.3	113.3	121.0	132.6	146.5	151.3	150.0	167.8	181.7	190.5	194.1
50°	141.8	154.3	172.2	190.4	198.4	206.2	214.4	228.9	250.1	276.6	291.7
47.5°	183.4	203.1	221.8	242.7	253.2	261.5	273.7	299.1	329.3	357.8	372.7
45°	220.8	238.4	259.8	277.8	290.8	306.7	324.4	347.3	381.2	411.0	431.5
42.5°	250.8	270.6	292.7	314.5	327.7	349.1	375.9	407.2	442.6	473.6	496.5
40°	293.0	309.7	344.8	365.6	370.8	390.8	444.5	487.1	527.2	565.3	584.3
37.5°	343.8	376.6	413.0	431.9	450.3	485.6	557.5	626.4	677.5	729.1	757.2
35°	401.6	444.7	494.4	516.6	556.3	633.2	717.6	813.4	932.8	982.8	1028.3
32.5°	457.8	505.9	551.8	601.7	671.1	762.9	858.0	1013.5	1158.8	1271.2	1353.3
30°	507.6	558.7	615.6	679.8	777.5	904.1	1063.0	1264.2	1468.8	1647.4	1798.6
27.5°	556.9	615.0	682.6	778.3	915.8	1087.8	1341.4	1628.4	1970.1	2221.8	2522.4
25°	610.9	677.3	764.2	902.9	1088.5	1345.5	1751.0	2217.0	2777.3	3231.5	3706.9
22.5°	674.8	772.9	882.9	1037.6	1361.8	1785.4	2339.3	3135.8	3997.7	4794.4	5561.7
20°	752.0	886.1	1062.7	1347.5	1763.7	2389.9	3352.3	4623.6	5891.0	7240.8	8540.2
17.5°	862.2	1055.4	1329.8	1735.1	2283.7	3522.4	5083.9	7050.3	9576.4	11865.7	13864.5
15°	965.5	1196.3	1629.8	2235.6	3192.5	4834.2	7206.0	10451.4	14388.4	17976.5	21766.1
12.5°	1074.0	1346.5	1844.3	2615.8	3945.4	6082.6	9415.7	13862.6	18792.4	24200.0	30359.5
10°	1159.9	1490.8	2086.8	3064.9	4703.9	7365.3	11335.6	16728.7	23279.7	31282.6	41129.0
7.5°	1217.9	1606.5	2287.1	3393.8	5402.2	8677.2	13456.6	19938.9	28128.8	38731.0	52508.8
5°	1263.2	1694.7	2437.8	3693.7	5992.9	9678.6	15028.1	22750.0	32438.3	46643.4	69992.8
2.5°	1299.6	1762.4	2531.0	3900.1	6363.7	10376.0	16082.4	24340.5	35003.6	52493.2	82786.1
0°	1328.1	1823.5	2591.7	4027.5	6647.9	10445.6	16411.5	24631.6	35924.3	53549.1	85539.2
-2.5°	1340.3	1856.2	2612.6	4055.4	6619.4	10565.3	16511.9	24864.0	35889.7	52970.6	82464.3
-5°	1360.5	1855.7	2596.8	4026.9	6471.0	10255.8	15856.2	23563.1	33724.5	48414.8	72578.5
-7.5°	1374.9	1826.1	2521.6	3844.5	6082.6	9586.7	14703.9	21407.6	29783.8	40937.7	55903.1
-10°	1361.6	1769.3	2396.3	3538.4	5478.6	8513.3	12951.8	18562.1	25523.5	33789.5	43957.3
-12.5°	1310.4	1664.4	2191.8	3109.6	4696.4	7310.9	11188.9	15965.7	21118.2	26923.4	33949.5
-15°	1245.6	1551.4	2007.5	2815.5	4116.4	6119.2	8950.3	12825.5	16958.8	21366.4	26066.6
-17.5°	1195.2	1452.1	1829.8	2414.8	3371.6	4964.0	7188.9	9941.8	12979.2	16334.9	19120.2
-20°	1126.9	1329.9	1647.0	2124.7	2854.7	3909.8	5530.1	7530.1	9534.4	11893.8	13817.9



REPORT NUMBER: P627518 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1058.5	1235.4	1476.6	1826.2	2369.4	3166.5	4167.6	5503.0	6968.7	8323.0	9656.1
-25°	995.0	1131.3	1326.4	1613.2	1981.7	2525.6	3238.2	4004.2	4970.4	5794.8	6709.6
-27.5°	943.6	1060.6	1204.6	1414.9	1700.8	2050.7	2560.9	3074.2	3582.3	3998.3	4628.2
-30°	893.9	988.1	1108.6	1258.5	1472.9	1742.5	2073.7	2406.7	2699.9	2967.3	3295.4
-32.5°	845.2	921.9	1014.2	1138.7	1292.5	1495.2	1698.8	1937.4	2141.2	2329.3	2503.3
-35°	796.4	864.6	934.9	1039.9	1162.5	1306.5	1454.5	1616.2	1757.3	1884.0	1996.0
-37.5°	752.3	812.2	878.4	956.5	1055.3	1163.7	1284.6	1402.0	1495.2	1577.5	1645.4
-40°	715.1	769.6	826.2	888.8	964.0	1049.5	1152.1	1250.0	1315.3	1365.5	1406.7
-42.5°	681.8	729.8	778.1	831.1	888.9	963.0	1044.0	1124.8	1169.1	1207.9	1237.7
-45°	655.1	692.0	732.5	777.9	829.0	891.0	954.8	1010.7	1050.0	1083.4	1108.3
-47.5°	619.9	655.3	690.5	727.9	775.6	827.2	879.9	922.8	957.2	986.3	1005.4
-50°	581.0	618.4	650.5	683.4	727.3	771.1	813.5	849.0	881.8	910.3	925.3
-52.5°	540.8	580.9	614.7	646.8	683.6	721.8	760.0	790.4	819.1	846.0	857.4
-55°	511.8	548.8	583.7	613.9	644.2	674.8	706.0	737.5	765.9	791.4	799.0
-57.5°	480.6	518.2	552.7	579.8	607.2	634.8	663.3	691.8	719.2	743.7	749.9
-60°	442.4	483.2	513.8	539.4	566.0	593.3	618.2	643.5	669.0	690.4	697.2
-62.5°	393.9	431.0	461.3	488.3	514.0	537.7	561.9	585.6	608.5	625.4	630.9
-65°	335.7	367.3	398.5	426.8	452.1	475.0	497.3	518.9	539.7	554.6	562.0
-67.5°	289.9	312.6	337.7	362.0	387.5	411.0	431.2	450.2	468.0	480.6	488.5
-70°	245.7	267.3	290.8	313.9	336.0	355.2	371.3	387.0	402.2	413.3	421.7
-72.5°	203.4	221.7	241.3	261.7	281.9	299.2	314.0	327.9	341.1	350.7	358.4
-75°	165.1	180.2	196.8	213.3	229.7	243.4	255.7	267.8	279.4	287.9	295.0
-77.5°	131.0	143.8	156.7	169.7	182.6	192.6	201.6	210.5	219.1	225.8	231.9
-80°	97.0	107.1	117.4	127.7	138.0	145.6	152.5	158.9	165.1	169.0	172.5
-82.5°	66.4	73.3	80.6	87.9	95.2	100.8	106.2	111.5	116.7	118.5	119.9
-85°	42.4	45.9	49.6	53.6	57.8	60.9	63.8	66.6	69.3	71.8	74.2
-87.5°	23.5	24.2	24.9	25.5	26.0	28.2	30.3	32.5	34.7	35.0	35.4
-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: P627518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-735-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.5
62.5°	6.5	6.9	7.1	7.2	7.1	6.9	6.5	5.9	5.2	5.6	6.5
60°	24.5	21.8	21.3	21.5	21.3	21.8	24.5	26.1	26.3	30.7	31.9
57.5°	109.2	121.4	124.8	122.0	124.8	121.4	109.2	96.1	83.2	81.6	83.4
55°	159.0	162.8	164.5	165.1	164.5	162.8	159.0	152.6	143.3	134.3	127.0
52.5°	194.9	193.6	193.3	193.8	193.3	193.6	194.9	194.1	190.5	181.7	167.8
50°	292.9	287.6	285.5	287.2	285.5	287.6	292.9	291.7	276.6	250.1	228.9
47.5°	374.5	376.1	378.6	380.5	378.6	376.1	374.5	372.7	357.8	329.3	299.1
45°	437.3	441.1	443.7	445.1	443.7	441.1	437.3	431.5	411.0	381.2	347.3
42.5°	501.5	501.9	501.1	502.5	501.1	501.9	501.5	496.5	473.6	442.6	407.2
40°	592.0	593.9	591.9	588.7	591.9	593.9	592.0	584.3	565.3	527.2	487.1
37.5°	773.6	776.2	767.7	761.0	767.7	776.2	773.6	757.2	729.1	677.5	626.4
35°	1069.9	1100.6	1115.2	1119.9	1115.2	1100.6	1069.9	1028.3	982.8	932.8	813.4
32.5°	1410.1	1452.9	1474.3	1493.3	1474.3	1452.9	1410.1	1353.3	1271.2	1158.8	1013.5
30°	1897.7	1976.4	2011.2	2060.4	2011.2	1976.4	1897.7	1798.6	1647.4	1468.8	1264.2
27.5°	2693.0	2831.5	2908.1	2979.3	2908.1	2831.5	2693.0	2522.4	2221.8	1970.1	1628.4
25°	4052.4	4319.1	4491.6	4573.1	4491.6	4319.1	4052.4	3706.9	3231.5	2777.3	2217.0
22.5°	6304.2	6795.8	7174.9	7250.9	7174.9	6795.8	6304.2	5561.7	4794.4	3997.7	3135.8
20°	9800.8	10504.2	11076.4	11364.5	11076.4	10504.2	9800.8	8540.2	7240.8	5891.0	4623.6
17.5°	16245.2	17708.2	18376.5	18486.2	18376.5	17708.2	16245.2	13864.5	11865.7	9576.4	7050.3
15°	25832.4	28308.2	29879.8	30891.8	29879.8	28308.2	25832.4	21766.1	17976.5	14388.4	10451.4
12.5°	36771.3	43806.0	47808.8	49334.9	47808.8	43806.0	36771.3	30359.5	24200.0	18792.4	13862.6
10°	51617.7	68178.4	77731.3	82538.4	77731.3	68178.4	51617.7	41129.0	31282.6	23279.7	16728.7
7.5°	76815.7	102393.9	130733.4	143844.5	130733.4	102393.9	76815.7	52508.8	38731.0	28128.8	19938.9
5°	103304.7	159464.0	208755.5	232359.4	208755.5	159464.0	103304.7	69992.8	46643.4	32438.3	22750.0
2.5°	133749.7	209485.8	279510.0	308953.5	279510.0	209485.8	133749.7	82786.1	52493.2	35003.6	24340.5
0°	145467.0	233687.6	310270.8	339170.4	310270.8	233687.6	145467.0	85539.2	53549.1	35924.3	24631.6
-2.5°	135561.1	213155.0	280713.0	313734.7	280713.0	213155.0	135561.1	82464.3	52970.6	35889.7	24864.0
-5°	107710.3	160342.9	210376.1	237284.3	210376.1	160342.9	107710.3	72578.5	48414.8	33724.5	23563.1
-7.5°	79052.7	107705.3	135492.0	145208.5	135492.0	107705.3	79052.7	55903.1	40937.7	29783.8	21407.6
-10°	55038.1	71445.5	82276.2	85366.9	82276.2	71445.5	55038.1	43957.3	33789.5	25523.5	18562.1
-12.5°	40805.2	47981.8	52975.1	53843.4	52975.1	47981.8	40805.2	33949.5	26923.4	21118.2	15965.7
-15°	30215.2	33864.7	36440.1	36613.5	36440.1	33864.7	30215.2	26066.6	21366.4	16958.8	12825.5
-17.5°	22087.5	24537.2	25836.9	25744.3	25836.9	24537.2	22087.5	19120.2	16334.9	12979.2	9941.8
-20°	15793.8	17270.5	18317.7	18112.9	18317.7	17270.5	15793.8	13817.9	11893.8	9534.4	7530.1



REPORT NUMBER: P627518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11012.5	11992.8	12606.4	12448.6	12606.4	11992.8	11012.5	9656.1	8323.0	6968.7	5503.0
-25°	7482.9	8016.9	8320.9	8270.3	8320.9	8016.9	7482.9	6709.6	5794.8	4970.4	4004.2
-27.5°	5099.2	5381.3	5475.4	5470.5	5475.4	5381.3	5099.2	4628.2	3998.3	3582.3	3074.2
-30°	3539.3	3728.9	3837.2	3769.0	3837.2	3728.9	3539.3	3295.4	2967.3	2699.9	2406.7
-32.5°	2637.9	2744.8	2806.7	2742.4	2806.7	2744.8	2637.9	2503.3	2329.3	2141.2	1937.4
-35°	2078.9	2133.0	2154.8	2117.8	2154.8	2133.0	2078.9	1996.0	1884.0	1757.3	1616.2
-37.5°	1694.9	1726.6	1737.3	1715.8	1737.3	1726.6	1694.9	1645.4	1577.5	1495.2	1402.0
-40°	1436.1	1455.6	1460.4	1443.0	1460.4	1455.6	1436.1	1406.7	1365.5	1315.3	1250.0
-42.5°	1256.6	1268.2	1270.9	1263.5	1270.9	1268.2	1256.6	1237.7	1207.9	1169.1	1124.8
-45°	1123.1	1133.0	1134.8	1127.1	1134.8	1133.0	1123.1	1108.3	1083.4	1050.0	1010.7
-47.5°	1014.9	1021.0	1022.6	1019.4	1022.6	1021.0	1014.9	1005.4	986.3	957.2	922.8
-50°	932.1	936.3	936.7	933.3	936.7	936.3	932.1	925.3	910.3	881.8	849.0
-52.5°	862.8	865.7	867.7	868.7	867.7	865.7	862.8	857.4	846.0	819.1	790.4
-55°	804.3	808.1	810.4	811.2	810.4	808.1	804.3	799.0	791.4	765.9	737.5
-57.5°	754.7	758.2	760.3	761.0	760.3	758.2	754.7	749.9	743.7	719.2	691.8
-60°	702.9	707.1	709.8	710.7	709.8	707.1	702.9	697.2	690.4	669.0	643.5
-62.5°	634.5	636.4	638.2	638.9	638.2	636.4	634.5	630.9	625.4	608.5	585.6
-65°	567.5	571.4	573.6	574.3	573.6	571.4	567.5	562.0	554.6	539.7	518.9
-67.5°	494.9	499.9	505.2	509.7	505.2	499.9	494.9	488.5	480.6	468.0	450.2
-70°	429.0	435.4	437.4	437.9	437.4	435.4	429.0	421.7	413.3	402.2	387.0
-72.5°	365.2	371.2	376.3	380.5	376.3	371.2	365.2	358.4	350.7	341.1	327.9
-75°	301.3	306.9	308.3	308.7	308.3	306.9	301.3	295.0	287.9	279.4	267.8
-77.5°	237.5	242.7	243.8	244.1	243.8	242.7	237.5	231.9	225.8	219.1	210.5
-80°	175.7	178.6	182.8	186.7	182.8	178.6	175.7	172.5	169.0	165.1	158.9
-82.5°	120.8	121.5	121.9	122.0	121.9	121.5	120.8	119.9	118.5	116.7	111.5
-85°	76.5	78.7	78.9	79.0	78.9	78.7	76.5	74.2	71.8	69.3	66.6
-87.5°	35.6	35.8	35.9	35.9	35.9	35.8	35.6	35.4	35.0	34.7	32.5
-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: P627518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-735-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
65°	1.8	1.3	0.1	0.0	0.0	0.1	0.4	0.0	0.0	0.2	1.9
62.5°	7.3	8.0	8.2	7.4	5.6	3.5	4.2	5.0	3.5	0.7	2.5
60°	27.0	17.2	24.4	26.8	23.6	16.9	17.2	16.1	13.3	10.6	7.0
57.5°	88.4	85.5	70.1	60.6	57.7	51.2	42.2	33.6	29.6	23.9	16.9
55°	122.0	117.0	108.7	97.1	84.1	80.3	73.0	62.7	52.6	40.8	33.1
52.5°	150.0	151.3	146.5	132.6	121.0	113.3	103.3	93.4	81.3	69.7	54.4
50°	214.4	206.2	198.4	190.4	172.2	154.3	141.8	128.2	110.7	97.7	84.8
47.5°	273.7	261.5	253.2	242.7	221.8	203.1	183.4	164.2	142.4	122.0	109.2
45°	324.4	306.7	290.8	277.8	259.8	238.4	220.8	199.5	174.6	151.0	128.8
42.5°	375.9	349.1	327.7	314.5	292.7	270.6	250.8	234.5	207.5	179.9	157.5
40°	444.5	390.8	370.8	365.6	344.8	309.7	293.0	274.9	246.3	210.2	188.3
37.5°	557.5	485.6	450.3	431.9	413.0	376.6	343.8	320.3	294.5	253.8	222.5
35°	717.6	633.2	556.3	516.6	494.4	444.7	401.6	369.2	338.4	299.9	259.3
32.5°	858.0	762.9	671.1	601.7	551.8	505.9	457.8	417.7	377.4	338.0	298.0
30°	1063.0	904.1	777.5	679.8	615.6	558.7	507.6	459.2	413.6	372.2	331.8
27.5°	1341.4	1087.8	915.8	778.3	682.6	615.0	556.9	500.3	448.3	403.7	362.3
25°	1751.0	1345.5	1088.5	902.9	764.2	677.3	610.9	545.6	484.8	434.0	399.0
22.5°	2339.3	1785.4	1361.8	1037.6	882.9	772.9	674.8	592.6	523.7	478.3	436.8
20°	3352.3	2389.9	1763.7	1347.5	1062.7	886.1	752.0	655.4	585.0	526.5	475.1
17.5°	5083.9	3522.4	2283.7	1735.1	1329.8	1055.4	862.2	733.9	645.2	575.1	513.7
15°	7206.0	4834.2	3192.5	2235.6	1629.8	1196.3	965.5	811.7	706.9	626.0	552.6
12.5°	9415.7	6082.6	3945.4	2615.8	1844.3	1346.5	1074.0	900.5	768.6	662.8	578.2
10°	11335.6	7365.3	4703.9	3064.9	2086.8	1490.8	1159.9	956.4	805.4	689.2	600.0
7.5°	13456.6	8677.2	5402.2	3393.8	2287.1	1606.5	1217.9	994.1	835.9	711.3	617.9
5°	15028.1	9678.6	5992.9	3693.7	2437.8	1694.7	1263.2	1021.0	859.7	728.9	632.1
2.5°	16082.4	10376.0	6363.7	3900.1	2531.0	1762.4	1299.6	1046.2	878.2	746.8	647.9
0°	16411.5	10445.6	6647.9	4027.5	2591.7	1823.5	1328.1	1069.7	890.2	761.0	660.5
-2.5°	16511.9	10565.3	6619.4	4055.4	2612.6	1856.2	1340.3	1074.0	899.5	766.3	662.3
-5°	15856.2	10255.8	6471.0	4026.9	2596.8	1855.7	1360.5	1081.8	904.8	768.1	660.8
-7.5°	14703.9	9586.7	6082.6	3844.5	2521.6	1826.1	1374.9	1092.0	909.7	773.7	665.9
-10°	12951.8	8513.3	5478.6	3538.4	2396.3	1769.3	1361.6	1086.5	906.6	772.8	667.0
-12.5°	11188.9	7310.9	4696.4	3109.6	2191.8	1664.4	1310.4	1064.3	895.2	764.9	663.9
-15°	8950.3	6119.2	4116.4	2815.5	2007.5	1551.4	1245.6	1029.4	876.0	750.7	656.3
-17.5°	7188.9	4964.0	3371.6	2414.8	1829.8	1452.1	1195.2	1001.1	853.4	736.3	646.2
-20°	5530.1	3909.8	2854.7	2124.7	1647.0	1329.9	1126.9	959.5	827.5	721.2	636.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627518 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4167.6	3166.5	2369.4	1826.2	1476.6	1235.4	1058.5	913.2	795.9	699.9	624.0
-25°	3238.2	2525.6	1981.7	1613.2	1326.4	1131.3	995.0	876.5	770.9	678.6	608.9
-27.5°	2560.9	2050.7	1700.8	1414.9	1204.6	1060.6	943.6	838.3	744.0	662.6	593.5
-30°	2073.7	1742.5	1472.9	1258.5	1108.6	988.1	893.9	805.9	718.8	642.0	577.0
-32.5°	1698.8	1495.2	1292.5	1138.7	1014.2	921.9	845.2	771.0	688.1	620.8	559.7
-35°	1454.5	1306.5	1162.5	1039.9	934.9	864.6	796.4	726.9	659.4	596.8	540.0
-37.5°	1284.6	1163.7	1055.3	956.5	878.4	812.2	752.3	691.0	629.6	572.2	519.7
-40°	1152.1	1049.5	964.0	888.8	826.2	769.6	715.1	658.5	603.9	546.3	497.8
-42.5°	1044.0	963.0	888.9	831.1	778.1	729.8	681.8	632.5	579.0	524.4	473.2
-45°	954.8	891.0	829.0	777.9	732.5	692.0	655.1	605.8	553.5	499.0	447.0
-47.5°	879.9	827.2	775.6	727.9	690.5	655.3	619.9	576.3	521.4	470.0	425.8
-50°	813.5	771.1	727.3	683.4	650.5	618.4	581.0	535.5	488.1	445.8	404.1
-52.5°	760.0	721.8	683.6	646.8	614.7	580.9	540.8	501.5	461.1	421.4	383.0
-55°	706.0	674.8	644.2	613.9	583.7	548.8	511.8	472.7	433.1	396.0	356.8
-57.5°	663.3	634.8	607.2	579.8	552.7	518.2	480.6	442.4	401.5	364.0	327.2
-60°	618.2	593.3	566.0	539.4	513.8	483.2	442.4	403.1	365.3	329.7	294.1
-62.5°	561.9	537.7	514.0	488.3	461.3	431.0	393.9	357.7	325.0	294.0	262.0
-65°	497.3	475.0	452.1	426.8	398.5	367.3	335.7	309.1	283.9	257.7	229.5
-67.5°	431.2	411.0	387.5	362.0	337.7	312.6	289.9	267.1	243.6	219.4	194.2
-70°	371.3	355.2	336.0	313.9	290.8	267.3	245.7	224.5	202.7	182.4	163.0
-72.5°	314.0	299.2	281.9	261.7	241.3	221.7	203.4	186.1	169.1	152.3	135.1
-75°	255.7	243.4	229.7	213.3	196.8	180.2	165.1	151.1	136.8	122.1	107.5
-77.5°	201.6	192.6	182.6	169.7	156.7	143.8	131.0	118.4	106.5	95.5	85.3
-80°	152.5	145.6	138.0	127.7	117.4	107.1	97.0	88.4	80.4	73.0	65.8
-82.5°	106.2	100.8	95.2	87.9	80.6	73.3	66.4	61.1	56.0	51.1	46.3
-85°	63.8	60.9	57.8	53.6	49.6	45.9	42.4	39.5	36.5	33.5	30.4
-87.5°	30.3	28.2	26.0	25.5	24.9	24.2	23.5	21.3	19.2	17.2	15.2
-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: P627518 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-735-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.1	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.6	1.5	0.4
70°	0.0	0.0	0.0	0.6	0.7	0.0	0.0	1.0	2.7	3.0	2.2
67.5°	0.0	0.0	0.0	1.5	2.4	2.1	0.5	1.2	2.9	4.6	4.1
65°	2.4	1.7	0.1	1.9	3.6	4.7	3.5	2.2	3.2	4.9	6.0
62.5°	4.2	5.4	4.1	3.0	4.0	5.7	6.7	4.5	3.7	5.1	6.8
60°	4.7	6.5	7.3	5.7	5.1	6.1	7.2	6.6	5.2	5.4	7.0
57.5°	12.6	8.2	8.2	7.8	6.5	6.7	7.2	7.2	6.4	6.1	7.2
55°	23.4	17.1	12.1	9.7	8.2	7.1	7.4	7.2	7.2	6.7	7.2
52.5°	40.8	29.6	21.7	14.7	11.0	8.1	8.2	7.2	7.2	7.0	7.2
50°	65.0	46.7	34.2	24.6	15.4	12.0	9.3	8.4	7.2	7.2	7.2
47.5°	95.0	69.8	49.9	36.0	25.3	16.3	12.8	10.0	7.2	7.2	7.2
45°	117.2	97.4	69.6	50.4	35.5	24.5	17.3	11.8	8.9	7.4	7.2
42.5°	139.0	121.1	94.7	64.5	48.8	33.7	22.0	15.9	10.9	7.9	7.5
40°	167.0	144.5	118.7	88.0	63.4	42.9	29.9	20.5	13.2	9.2	8.0
37.5°	195.8	170.6	142.5	110.6	79.9	56.8	37.9	25.2	16.6	11.7	8.8
35°	228.1	197.9	166.0	132.1	99.5	71.2	45.6	30.9	21.1	14.3	9.6
32.5°	260.7	224.1	188.0	153.1	117.9	86.0	56.5	38.4	25.5	17.1	10.6
30°	292.4	249.9	208.2	173.1	135.3	101.7	70.1	46.5	29.8	20.0	12.0
27.5°	321.1	275.3	227.7	190.9	152.8	116.4	83.8	55.1	33.8	23.1	14.3
25°	351.2	301.0	250.1	206.8	169.3	131.3	96.4	64.4	39.8	26.5	16.6
22.5°	385.5	327.1	271.6	221.1	186.6	145.8	108.6	75.4	47.0	29.8	18.9
20°	422.2	352.9	293.2	241.5	202.8	160.7	120.7	85.5	54.4	32.9	21.2
17.5°	459.9	381.1	319.4	264.7	218.8	174.6	132.2	94.7	61.7	35.8	23.4
15°	485.4	409.5	343.0	286.4	234.8	187.5	143.1	103.1	69.0	38.5	25.7
12.5°	506.8	433.8	363.7	306.6	250.7	199.3	153.3	110.6	76.1	42.1	27.8
10°	525.6	454.4	381.8	325.0	266.0	209.9	162.6	117.2	82.6	46.7	29.8
7.5°	541.9	471.4	397.3	341.7	280.6	220.7	170.4	123.1	88.3	51.4	31.6
5°	555.6	485.9	410.3	352.4	294.1	231.9	176.9	128.2	93.1	56.0	33.2
2.5°	566.4	499.2	421.4	360.3	305.9	242.3	182.4	132.7	97.2	60.5	34.7
0°	574.3	509.7	430.7	366.1	315.9	251.3	186.7	136.4	100.5	64.6	35.9
-2.5°	579.5	511.4	440.6	372.9	321.9	258.8	195.4	141.0	103.2	68.3	38.1
-5°	581.8	511.3	448.1	378.1	326.2	264.8	202.7	144.8	105.3	71.4	40.0
-7.5°	585.0	513.6	452.1	382.2	329.1	269.4	208.3	147.6	106.9	74.0	41.8
-10°	586.2	516.1	453.0	387.3	331.5	272.8	212.0	149.4	108.0	75.9	43.3
-12.5°	584.5	515.8	452.8	390.1	332.7	274.7	213.9	152.2	109.1	77.0	44.7
-15°	580.0	512.8	451.7	390.4	332.5	275.5	214.5	154.8	111.3	77.3	45.8
-17.5°	572.8	506.8	450.1	388.0	331.1	275.1	213.8	156.0	112.4	76.8	46.9
-20°	565.7	501.4	447.7	382.9	328.6	273.6	212.0	155.8	112.3	75.7	47.8

Classified

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



REPORT NUMBER: P627518 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	556.4	496.3	439.7	377.6	325.1	271.0	209.0	154.0	111.0	74.0	48.4
-25°	544.6	488.5	430.6	373.6	320.6	265.9	205.5	150.6	108.4	71.7	48.6
-27.5°	532.8	478.0	421.1	368.0	314.3	259.7	200.9	147.4	104.8	68.9	48.5
-30°	519.1	466.2	412.6	360.3	305.6	251.0	194.3	142.5	100.9	67.4	47.9
-32.5°	504.1	454.3	403.2	348.8	294.7	241.2	185.9	135.7	96.4	66.5	47.4
-35°	489.0	441.0	391.7	334.4	282.8	230.7	177.4	127.0	91.3	65.2	46.7
-37.5°	471.2	424.6	373.2	318.9	270.2	219.4	169.4	122.1	85.6	63.3	45.9
-40°	451.0	404.4	352.1	304.4	257.0	207.4	160.8	117.6	81.9	60.9	44.8
-42.5°	428.4	381.9	335.1	289.6	243.1	197.2	151.9	112.1	80.2	58.9	43.5
-45°	405.1	361.5	319.2	274.3	229.1	186.5	144.5	105.9	77.8	57.2	42.2
-47.5°	383.4	344.2	301.9	257.8	216.9	175.6	135.8	101.9	74.4	55.3	40.7
-50°	365.0	325.2	282.9	241.1	202.5	164.5	126.8	96.6	71.6	53.2	39.0
-52.5°	343.8	303.6	262.2	222.7	187.3	152.1	119.1	90.3	67.7	50.5	36.8
-55°	318.6	278.7	239.1	204.5	171.4	140.2	110.1	83.8	62.6	47.5	34.4
-57.5°	289.1	250.4	217.9	186.5	155.4	127.1	100.0	75.9	58.1	44.1	31.6
-60°	258.9	227.6	197.8	167.1	138.5	112.8	88.5	68.0	53.4	40.3	28.6
-62.5°	231.9	203.3	174.1	146.0	121.0	97.8	76.8	61.9	48.3	36.1	25.3
-65°	201.8	174.7	148.6	125.4	103.2	83.7	68.9	55.2	42.8	31.6	22.2
-67.5°	169.4	147.7	125.6	104.7	88.3	73.9	60.5	48.1	36.9	26.8	20.4
-70°	143.1	122.8	104.8	89.9	76.2	63.4	51.6	40.6	30.7	24.0	18.4
-72.5°	118.1	102.5	88.2	75.5	63.7	52.6	42.3	33.3	26.7	21.0	16.3
-75°	94.1	82.8	71.6	60.6	50.6	41.5	34.7	28.1	22.5	17.8	14.2
-77.5°	75.4	65.3	55.1	47.3	41.1	34.8	28.5	22.5	18.7	15.5	12.3
-80°	58.0	51.0	44.8	39.4	33.8	28.1	23.2	19.0	16.1	13.2	10.2
-82.5°	41.7	38.0	34.7	31.5	27.1	23.1	19.4	16.1	13.5	10.9	8.0
-85°	28.4	26.6	25.0	23.5	20.6	17.9	14.9	12.1	9.6	7.3	5.4
-87.5°	14.5	13.8	13.1	12.3	10.6	9.0	7.5	6.1	4.8	3.7	2.7
-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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REPORT NUMBER: P627518 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-735-U-NR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.2	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.3	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.5	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.6	0.0
77.5°	0.1	0.1	0.0	0.0	0.1	0.8	0.0
75°	0.2	0.6	0.1	0.0	0.1	1.0	0.0
72.5°	0.4	1.1	0.8	0.0	0.2	1.1	0.0
70°	0.8	1.6	1.5	0.1	0.3	1.3	0.0
67.5°	2.5	2.2	2.2	0.8	0.4	1.5	0.0
65°	4.2	3.1	2.9	1.6	0.6	1.7	0.0
62.5°	5.7	4.1	3.7	2.3	0.7	1.8	0.0
60°	7.1	5.0	4.5	3.0	1.0	2.0	0.0
57.5°	7.2	5.9	5.1	3.8	1.6	2.2	0.0
55°	7.2	6.6	5.5	4.6	2.2	2.4	0.0
52.5°	7.2	7.2	6.0	5.4	2.7	2.6	0.0
50°	7.2	7.2	6.4	6.2	3.3	2.9	0.0
47.5°	7.2	7.2	6.7	6.8	3.7	3.1	0.0
45°	7.2	7.2	6.9	7.0	4.2	3.3	0.0
42.5°	7.2	7.2	7.1	7.2	4.6	3.5	0.0
40°	7.2	7.2	7.2	7.2	5.0	3.7	0.0
37.5°	7.2	7.2	7.2	7.2	5.4	4.0	0.0
35°	7.2	7.2	7.2	7.2	5.7	4.2	0.0
32.5°	7.4	7.2	7.2	7.2	6.0	4.4	0.0
30°	8.2	7.2	7.2	7.2	6.2	4.7	0.0
27.5°	9.0	7.2	7.2	7.2	6.4	4.9	0.0
25°	9.8	7.2	7.2	7.2	6.6	5.1	0.0
22.5°	10.7	7.3	7.2	7.2	6.8	5.4	0.0
20°	11.6	7.9	7.2	7.2	6.9	5.6	0.0
17.5°	12.9	8.5	7.2	7.2	7.0	5.8	0.0
15°	14.4	9.2	7.2	7.2	7.1	6.1	0.0
12.5°	15.7	10.1	7.2	7.2	7.1	6.3	0.0
10°	17.1	10.9	7.2	7.2	7.2	6.5	0.0
7.5°	18.3	11.8	7.2	7.2	7.2	6.7	0.0
5°	19.4	12.7	7.2	7.2	7.2	6.9	0.0
2.5°	20.5	13.6	7.2	7.2	7.2	7.0	0.0
0°	21.5	14.4	7.2	7.2	7.2	7.2	0.0
-2.5°	23.4	15.2	7.8	7.2	7.2	7.2	0.0
-5°	25.1	15.8	8.4	7.2	7.2	7.2	0.0
-7.5°	26.7	16.4	9.0	7.2	7.2	7.1	0.0
-10°	28.1	17.0	9.6	7.2	7.2	7.1	0.0
-12.5°	29.3	17.4	10.0	7.2	7.2	7.0	0.0
-15°	30.2	17.8	10.4	7.2	7.2	7.0	0.0
-17.5°	30.8	18.1	10.8	7.2	7.2	6.9	0.0
-20°	31.3	18.4	11.0	7.2	7.2	6.8	0.0

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CATALOG NUMBER: GFLD-SA4E-735-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	31.6	18.5	11.1	7.2	7.2	6.7	0.0
-25°	31.8	19.0	11.0	7.2	7.2	6.5	0.0
-27.5°	31.9	19.5	10.8	7.2	7.2	6.4	0.0
-30°	31.7	19.8	10.6	7.2	7.2	6.2	0.0
-32.5°	31.3	20.0	10.6	7.2	7.2	6.1	0.0
-35°	31.2	20.0	10.4	7.2	7.2	5.9	0.0
-37.5°	31.1	19.8	10.2	7.2	7.2	5.7	0.0
-40°	30.7	19.4	9.8	7.2	7.2	5.5	0.0
-42.5°	30.1	18.8	9.7	7.3	7.2	5.3	0.0
-45°	29.2	18.0	9.9	7.5	7.2	5.1	0.0
-47.5°	28.0	17.1	10.1	7.6	7.2	4.9	0.0
-50°	26.6	15.9	10.2	7.7	7.2	4.6	0.0
-52.5°	24.9	14.6	10.2	7.8	7.2	4.4	0.0
-55°	22.9	14.2	10.2	7.8	7.2	4.1	0.0
-57.5°	20.8	13.9	10.0	7.8	7.2	3.9	0.0
-60°	18.6	13.4	9.8	7.7	7.2	3.6	0.0
-62.5°	17.7	12.9	9.6	7.7	6.6	3.3	0.0
-65°	16.6	12.2	9.2	7.5	6.1	3.0	0.0
-67.5°	15.3	11.5	8.8	7.4	5.5	2.8	0.0
-70°	14.0	10.6	8.3	7.2	4.9	2.5	0.0
-72.5°	12.5	9.7	7.8	6.5	4.3	2.2	0.0
-75°	10.9	8.7	7.3	5.6	3.7	1.9	0.0
-77.5°	9.2	7.6	6.2	4.7	3.1	1.6	0.0
-80°	7.4	6.2	5.0	3.7	2.5	1.2	0.0
-82.5°	5.6	4.7	3.7	2.8	1.9	0.9	0.0
-85°	3.7	3.1	2.5	1.9	1.3	0.6	0.0
-87.5°	1.9	1.6	1.2	0.9	0.6	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)