

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: P627395 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-735-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627395 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA4C-735-U-MR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N95
Light Source: (64) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

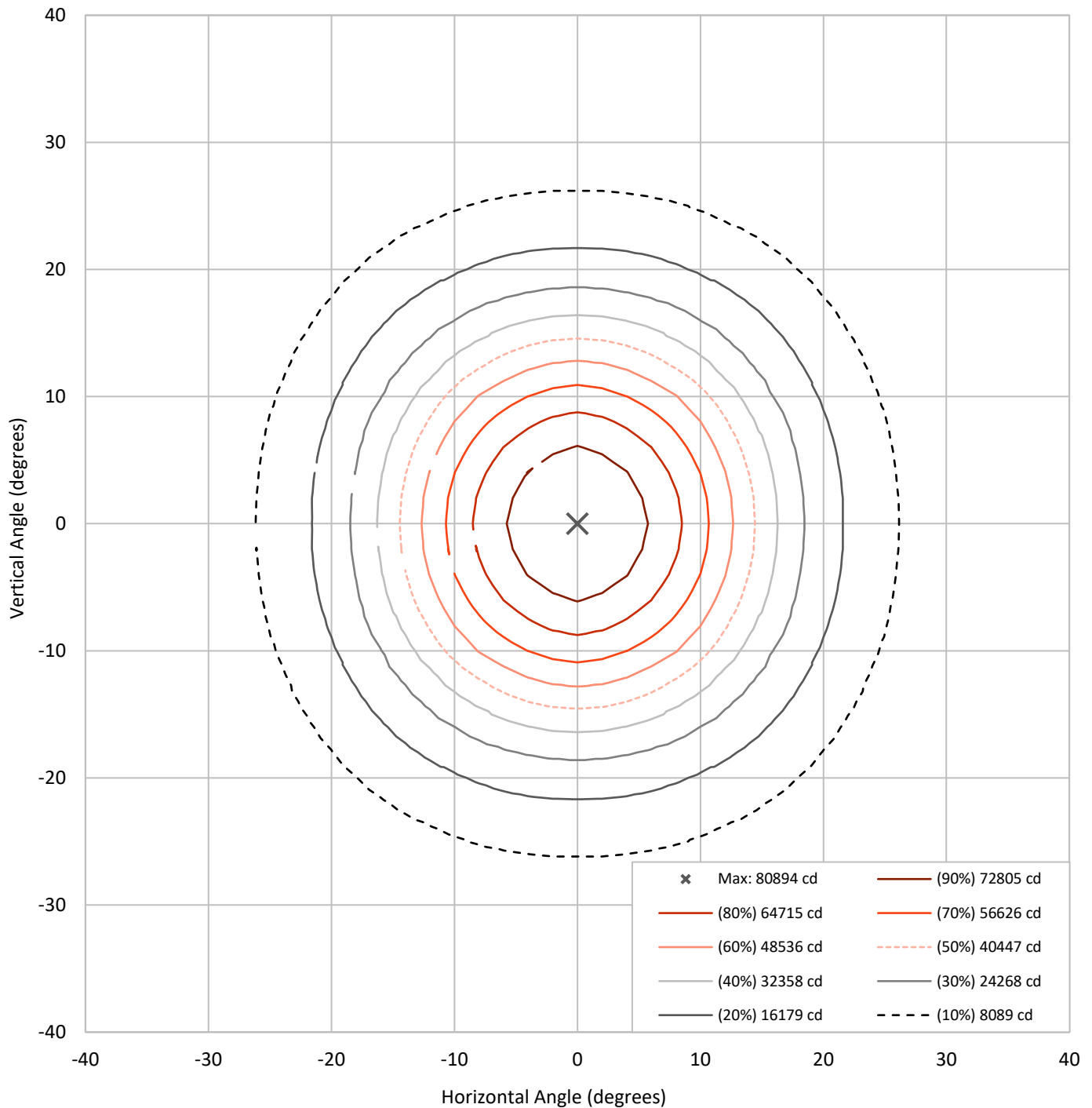
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	25274.1 lumens	Max Intensity:	80894 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	150.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	12287.9 lumens	Field Lumens:	20737 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	168.2		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





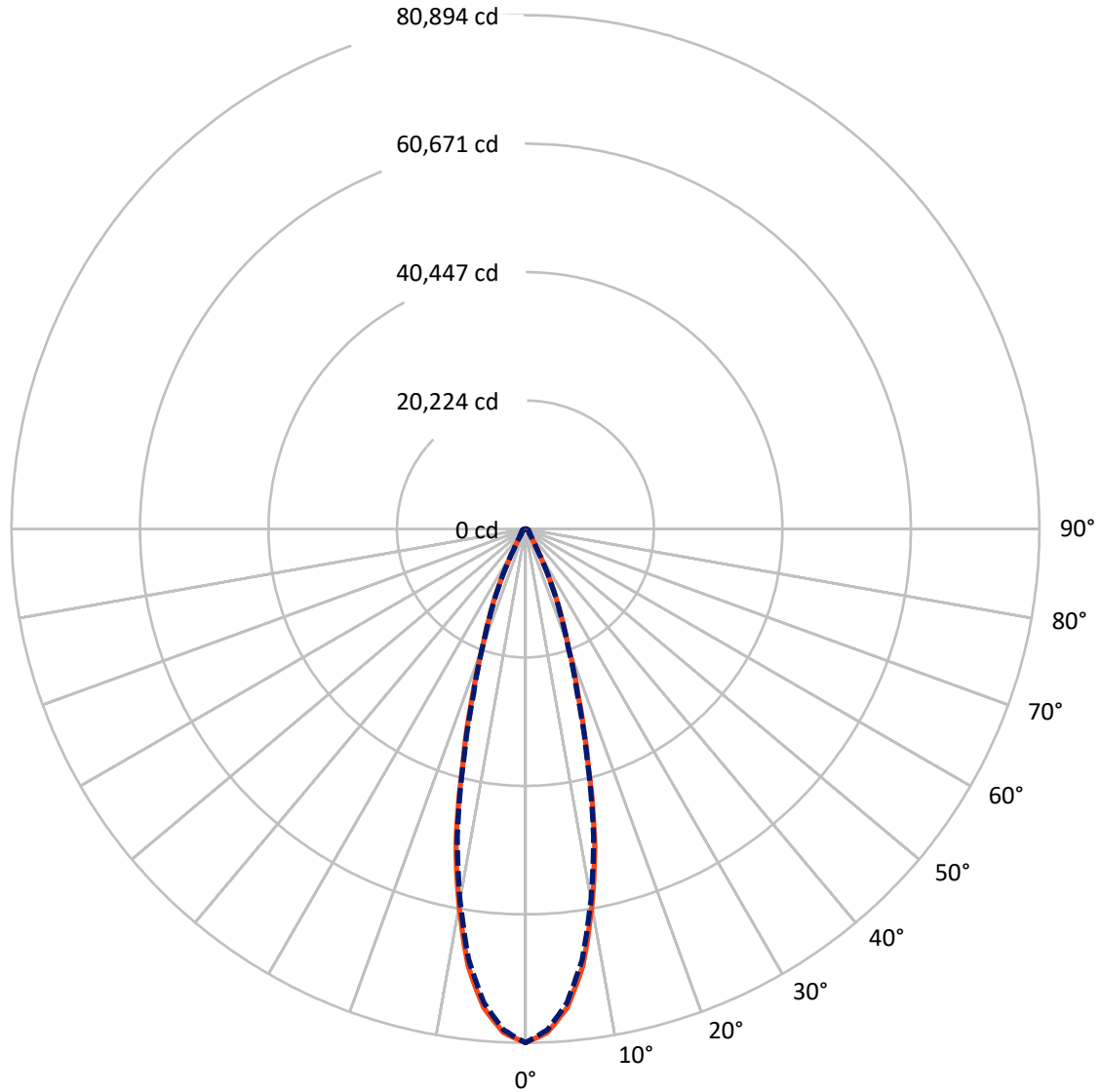
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Lumen Table

90	0.5		4.2		11.0		17.3		19.3		17.3		11.0		4.2		0.5		
80	0.5		4.2		11.0		17.3		19.3		17.3		11.0		4.2		0.5		
70	1.9	2.2	4.4	7.1	10.0	12.2	13.7	14.4	14.4	13.7	12.2	10.0	7.1	4.4	2.2	1.9			
60		3.2	6.5	10.5	14.1	17.4	19.5	20.2	20.2	19.5	17.4	14.1	10.5	6.5	3.2				
50	3.3	4.2	8.4	13.0	17.3	21.9	25.7	27.6	27.6	25.7	21.9	17.3	13.0	8.4	4.2	3.3			
40		4.9	9.8	15.0	21.2	30.3	43.8	56.9	56.9	43.8	30.3	21.2	15.0	9.8	4.9				
30	4.3	5.5	10.8	16.9	27.2	59.1	166.4	295.0	295.0	166.4	59.1	27.2	16.9	10.8	5.5	4.3			
20		5.9	11.3	18.4	37.0	155.1	552.9	1059.4	1059.4	552.9	155.1	37.0	18.4	11.3	5.9				
10	4.6	6.1	11.5	19.3	47.0	267.8	1023.3	2012.8	2012.8	1023.3	267.8	47.0	19.3	11.5	6.1	4.6			
0		6.1	11.5	19.3	47.0	267.8	1023.3	2012.8	2012.8	1023.3	267.8	47.0	19.3	11.5	6.1				
-10	4.3	5.9	11.3	18.4	37.0	155.1	552.9	1059.4	1059.4	552.9	155.1	37.0	18.4	11.3	5.9	4.3			
-20		5.5	10.8	16.9	27.2	59.1	166.4	295.0	295.0	166.4	59.1	27.2	16.9	10.8	5.5				
-30	3.3	4.9	9.8	15.0	21.2	30.3	43.8	56.9	56.9	43.8	30.3	21.2	15.0	9.8	4.9	3.3			
-40		4.2	8.4	13.0	17.3	21.9	25.7	27.6	27.6	25.7	21.9	17.3	13.0	8.4	4.2				
-50	1.9	3.2	6.5	10.5	14.1	17.4	19.5	20.2	20.2	19.5	17.4	14.1	10.5	6.5	3.2	1.9			
-60		2.2	4.4	7.1	10.0	12.2	13.7	14.4	14.4	13.7	12.2	10.0	7.1	4.4	2.2				
-70	0.5		4.2		11.0		17.3		19.3		17.3		11.0		4.2		0.5		
-80	0.5		4.2		11.0		17.3		19.3		17.3		11.0		4.2		0.5		
-90	0.5		4.2		11.0		17.3		19.3		17.3		11.0		4.2		0.5		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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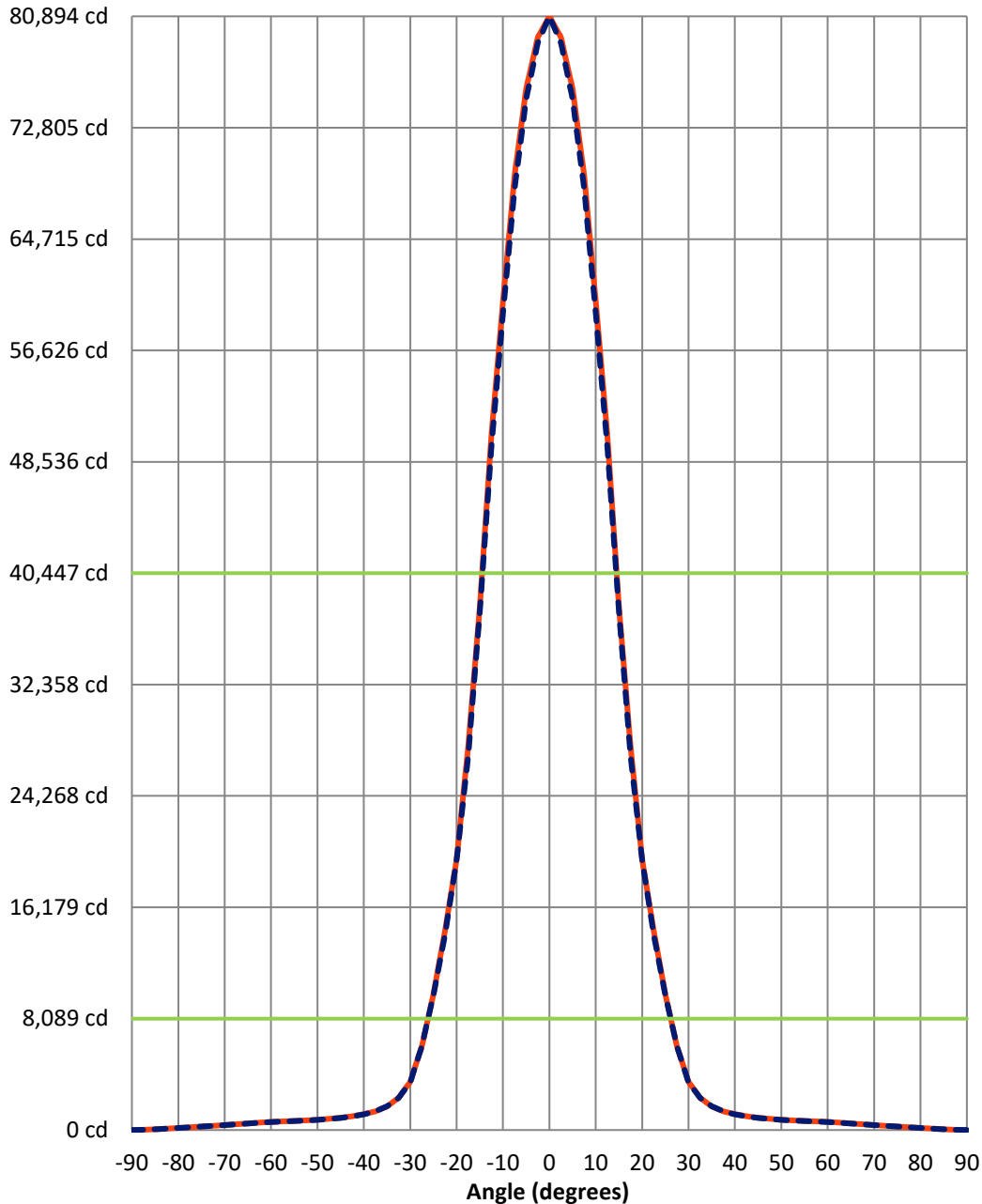
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 12287.9
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 20737
 Efficiency: 82.0%

Spill:
 Lumens: 4537.1
 Efficiency: 18.0%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.1	8.0	8.8
85°	0.0	1.8	3.6	5.4	7.2	9.0	10.8	12.5	14.2	15.9	17.6
82.5°	0.0	2.7	5.4	8.1	10.8	13.5	16.1	18.7	21.7	26.6	31.8
80°	0.0	3.6	7.2	10.8	14.4	17.9	21.9	28.2	34.8	41.8	49.0
77.5°	0.0	4.5	9.0	13.5	17.9	23.5	31.1	39.2	47.8	56.8	66.7
75°	0.0	5.4	10.8	16.1	21.9	31.1	40.3	50.1	60.8	73.4	85.8
72.5°	0.0	6.3	12.5	18.7	28.0	38.7	49.3	61.5	76.1	90.6	104.8
70°	0.0	7.1	14.2	21.7	33.9	46.1	58.6	74.8	91.2	107.5	125.2
67.5°	0.0	8.0	15.9	26.1	39.8	53.5	69.9	87.8	106.2	126.1	145.7
65°	0.0	8.8	17.6	30.4	45.6	61.7	81.1	100.7	122.4	144.3	166.4
62.5°	0.0	9.6	19.2	34.7	51.3	70.9	92.0	114.2	138.3	162.4	187.6
60°	0.0	10.4	20.8	38.8	56.8	79.8	102.7	127.9	153.9	180.7	208.3
57.5°	0.0	11.2	23.5	42.9	63.7	88.5	113.9	141.2	169.4	198.4	228.7
55°	0.0	11.9	26.1	46.8	70.5	97.0	124.9	154.1	184.3	215.7	248.8
52.5°	0.0	12.7	28.7	50.7	77.1	105.3	135.4	166.7	198.7	233.2	268.2
50°	0.0	13.4	31.1	54.4	83.5	113.7	145.5	178.8	212.9	250.2	286.2
47.5°	0.0	14.0	33.5	58.2	89.6	121.7	155.3	190.5	227.4	266.5	303.2
45°	0.0	14.7	35.8	62.6	95.5	129.3	164.9	201.8	241.4	280.9	319.4
42.5°	0.0	15.3	38.0	66.9	101.2	136.6	174.1	213.0	254.7	294.5	334.2
40°	0.0	15.9	40.1	70.9	106.6	143.4	182.9	223.9	266.8	307.2	348.2
37.5°	0.0	16.5	42.1	74.6	111.8	149.8	191.2	234.2	277.6	319.4	361.5
35°	0.0	17.0	43.9	78.1	116.7	156.2	199.1	243.7	287.8	331.0	374.0
32.5°	0.0	17.5	45.7	81.3	121.2	162.3	206.5	252.5	297.4	341.8	386.0
30°	0.0	18.0	47.4	84.2	125.4	168.0	213.5	260.5	306.3	351.9	397.2
27.5°	0.0	18.4	48.9	86.9	129.1	173.2	219.9	267.6	314.4	361.1	407.6
25°	0.0	18.9	50.3	89.3	132.7	178.0	225.7	274.0	321.8	369.5	417.1
22.5°	0.0	19.2	51.6	91.5	135.9	182.4	230.9	279.8	328.5	377.1	426.5
20°	0.0	19.5	52.7	93.3	138.8	186.1	235.4	285.0	334.5	383.8	435.0
17.5°	0.0	19.8	53.7	94.9	141.5	189.4	239.6	289.5	339.6	389.7	442.3
15°	0.0	20.1	54.6	96.2	143.8	192.0	243.3	293.6	344.0	394.6	448.5
12.5°	0.0	20.3	55.4	97.3	145.8	194.2	246.6	297.5	348.1	398.7	453.7
10°	0.0	20.5	56.0	98.1	147.5	195.8	249.3	300.7	351.7	403.5	458.4
7.5°	0.0	20.6	56.5	98.6	148.9	196.9	251.5	303.2	354.6	407.8	463.7
5°	0.0	20.7	56.8	98.9	149.8	197.5	253.1	305.0	356.7	411.3	467.8
2.5°	0.0	20.8	57.0	98.9	150.4	197.6	254.1	306.0	357.9	413.8	470.7
0°	0.0	20.8	57.1	98.7	150.6	197.3	254.4	306.4	358.3	415.4	472.5
-2.5°	0.0	20.8	57.0	98.9	150.4	197.6	254.1	306.0	357.9	413.8	470.7
-5°	0.0	20.7	56.8	98.9	149.8	197.5	253.1	305.0	356.7	411.3	467.8
-7.5°	0.0	20.6	56.5	98.6	148.9	196.9	251.5	303.2	354.6	407.8	463.7
-10°	0.0	20.5	56.0	98.1	147.5	195.8	249.3	300.7	351.7	403.5	458.4
-12.5°	0.0	20.3	55.4	97.3	145.8	194.2	246.6	297.5	348.1	398.7	453.7
-15°	0.0	20.1	54.6	96.2	143.8	192.0	243.3	293.6	344.0	394.6	448.5
-17.5°	0.0	19.8	53.7	94.9	141.5	189.4	239.6	289.5	339.6	389.7	442.3
-20°	0.0	19.5	52.7	93.3	138.8	186.1	235.4	285.0	334.5	383.8	435.0

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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	19.2	51.6	91.5	135.9	182.4	230.9	279.8	328.5	377.1	426.5
-25°	0.0	18.9	50.3	89.3	132.7	178.0	225.7	274.0	321.8	369.5	417.1
-27.5°	0.0	18.4	48.9	86.9	129.1	173.2	219.9	267.6	314.4	361.1	407.6
-30°	0.0	18.0	47.4	84.2	125.4	168.0	213.5	260.5	306.3	351.9	397.2
-32.5°	0.0	17.5	45.7	81.3	121.2	162.3	206.5	252.5	297.4	341.8	386.0
-35°	0.0	17.0	43.9	78.1	116.7	156.2	199.1	243.7	287.8	331.0	374.0
-37.5°	0.0	16.5	42.1	74.6	111.8	149.8	191.2	234.2	277.6	319.4	361.5
-40°	0.0	15.9	40.1	70.9	106.6	143.4	182.9	223.9	266.8	307.2	348.2
-42.5°	0.0	15.3	38.0	66.9	101.2	136.6	174.1	213.0	254.7	294.5	334.2
-45°	0.0	14.7	35.8	62.6	95.5	129.3	164.9	201.8	241.4	280.9	319.4
-47.5°	0.0	14.0	33.5	58.2	89.6	121.7	155.3	190.5	227.4	266.5	303.2
-50°	0.0	13.4	31.1	54.4	83.5	113.7	145.5	178.8	212.9	250.2	286.2
-52.5°	0.0	12.7	28.7	50.7	77.1	105.3	135.4	166.7	198.7	233.2	268.2
-55°	0.0	11.9	26.1	46.8	70.5	97.0	124.9	154.1	184.3	215.7	248.8
-57.5°	0.0	11.2	23.5	42.9	63.7	88.5	113.9	141.2	169.4	198.4	228.7
-60°	0.0	10.4	20.8	38.8	56.8	79.8	102.7	127.9	153.9	180.7	208.3
-62.5°	0.0	9.6	19.2	34.7	51.3	70.9	92.0	114.2	138.3	162.4	187.6
-65°	0.0	8.8	17.6	30.4	45.6	61.7	81.1	100.7	122.4	144.3	166.4
-67.5°	0.0	8.0	15.9	26.1	39.8	53.5	69.9	87.8	106.2	126.1	145.7
-70°	0.0	7.1	14.2	21.7	33.9	46.1	58.6	74.8	91.2	107.5	125.2
-72.5°	0.0	6.3	12.5	18.7	28.0	38.7	49.3	61.5	76.1	90.6	104.8
-75°	0.0	5.4	10.8	16.1	21.9	31.1	40.3	50.1	60.8	73.4	85.8
-77.5°	0.0	4.5	9.0	13.5	17.9	23.5	31.1	39.2	47.8	56.8	66.7
-80°	0.0	3.6	7.2	10.8	14.4	17.9	21.9	28.2	34.8	41.8	49.0
-82.5°	0.0	2.7	5.4	8.1	10.8	13.5	16.1	18.7	21.7	26.6	31.8
-85°	0.0	1.8	3.6	5.4	7.2	9.0	10.8	12.5	14.2	15.9	17.6
-87.5°	0.0	0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.1	8.0	8.8
-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°	9.6	10.4	11.2	11.9	12.7	13.4	14.0	14.7	15.3	15.9	16.5
85°	19.2	20.8	23.9	26.9	29.8	32.6	35.3	38.0	40.5	42.8	45.1
82.5°	36.7	41.4	46.1	50.6	55.0	59.2	63.3	67.2	71.0	74.6	78.0
80°	55.6	62.0	68.4	74.3	80.1	85.7	91.2	96.5	101.5	106.9	112.6
77.5°	75.8	83.9	91.3	98.0	105.4	114.2	122.8	131.0	138.8	146.3	153.5
75°	96.5	105.7	115.9	125.9	136.4	147.0	157.3	167.2	176.9	186.8	196.7
72.5°	118.3	130.9	143.1	155.0	168.2	181.1	192.9	203.7	215.9	229.4	241.7
70°	141.5	156.0	171.4	186.7	201.5	215.9	230.6	245.3	260.2	274.7	288.5
67.5°	164.7	183.0	200.8	218.1	235.0	252.2	269.6	287.4	304.6	321.0	337.0
65°	189.5	209.9	229.8	249.2	268.0	289.0	309.6	329.5	351.3	371.4	388.9
62.5°	213.6	236.4	258.4	280.3	303.2	326.5	350.3	375.4	401.3	419.9	436.0
60°	236.7	262.5	287.0	312.2	337.7	363.9	391.4	418.0	441.7	462.1	479.0
57.5°	259.3	288.2	315.4	342.7	370.6	400.4	430.6	457.9	479.9	499.6	518.2
55°	281.3	313.2	342.1	371.2	402.9	437.9	468.8	493.5	516.1	532.3	550.0
52.5°	302.1	336.3	366.6	399.1	435.4	471.7	502.6	526.4	545.4	562.2	579.5
50°	322.0	356.4	390.0	427.1	465.4	501.9	533.0	555.0	574.0	591.5	608.1
47.5°	340.1	375.8	413.8	453.5	493.6	529.5	559.4	581.7	601.4	619.5	637.8
45°	357.2	395.6	436.0	479.4	520.4	556.0	583.2	607.2	626.2	646.5	669.5
42.5°	373.5	414.5	458.4	504.6	546.5	579.1	605.4	628.5	650.4	674.7	700.3
40°	389.5	432.3	479.7	528.2	570.9	599.2	625.6	650.0	675.2	702.8	730.7
37.5°	404.4	450.4	499.6	550.3	588.9	618.2	645.5	672.8	701.0	730.7	765.5
35°	418.2	467.0	518.6	567.6	604.7	636.7	666.0	695.5	727.2	763.5	801.8
32.5°	431.5	482.2	536.3	582.3	619.2	653.4	685.6	719.0	755.3	795.3	839.1
30°	444.6	497.0	551.8	597.2	632.0	667.0	704.8	742.0	782.4	826.8	878.2
27.5°	457.4	510.7	564.8	609.0	643.4	678.9	719.5	764.7	808.8	857.5	917.1
25°	469.0	524.9	577.6	618.3	653.0	690.3	732.7	780.9	832.7	890.6	963.5
22.5°	480.1	537.6	589.7	626.2	661.1	700.3	745.9	796.8	853.2	920.2	1009.3
20°	490.4	547.6	597.8	633.5	667.8	708.3	757.3	810.9	875.2	956.5	1063.1
17.5°	499.5	556.0	603.4	639.5	674.9	716.5	767.0	822.8	895.1	988.5	1114.7
15°	507.2	562.9	608.2	644.1	680.9	724.9	776.9	837.7	917.0	1019.9	1159.2
12.5°	513.5	568.3	612.3	647.4	685.5	731.2	785.4	852.1	938.8	1054.1	1219.3
10°	518.5	572.2	615.4	649.5	688.8	735.3	792.0	863.3	956.4	1082.7	1270.8
7.5°	523.4	575.7	617.7	650.4	690.7	737.3	796.7	871.3	969.3	1104.2	1311.8
5°	526.9	579.0	619.0	652.3	691.9	738.2	799.8	875.9	977.4	1118.4	1340.8
2.5°	528.9	580.9	619.0	653.8	692.0	738.6	803.5	878.5	986.4	1130.3	1357.3
0°	529.6	581.6	617.9	654.3	690.6	737.3	804.8	877.5	991.8	1137.2	1360.4
-2.5°	528.9	580.9	619.0	653.8	692.0	738.6	803.5	878.5	986.4	1130.3	1357.3
-5°	526.9	579.0	619.0	652.3	691.9	738.2	799.8	875.9	977.4	1118.4	1340.8
-7.5°	523.4	575.7	617.7	650.4	690.7	737.3	796.7	871.3	969.3	1104.2	1311.8
-10°	518.5	572.2	615.4	649.5	688.8	735.3	792.0	863.3	956.4	1082.7	1270.8
-12.5°	513.5	568.3	612.3	647.4	685.5	731.2	785.4	852.1	938.8	1054.1	1219.3
-15°	507.2	562.9	608.2	644.1	680.9	724.9	776.9	837.7	917.0	1019.9	1159.2
-17.5°	499.5	556.0	603.4	639.5	674.9	716.5	767.0	822.8	895.1	988.5	1114.7
-20°	490.4	547.6	597.8	633.5	667.8	708.3	757.3	810.9	875.2	956.5	1063.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627395 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	480.1	537.6	589.7	626.2	661.1	700.3	745.9	796.8	853.2	920.2	1009.3
-25°	469.0	524.9	577.6	618.3	653.0	690.3	732.7	780.9	832.7	890.6	963.5
-27.5°	457.4	510.7	564.8	609.0	643.4	678.9	719.5	764.7	808.8	857.5	917.1
-30°	444.6	497.0	551.8	597.2	632.0	667.0	704.8	742.0	782.4	826.8	878.2
-32.5°	431.5	482.2	536.3	582.3	619.2	653.4	685.6	719.0	755.3	795.3	839.1
-35°	418.2	467.0	518.6	567.6	604.7	636.7	666.0	695.5	727.2	763.5	801.8
-37.5°	404.4	450.4	499.6	550.3	588.9	618.2	645.5	672.8	701.0	730.7	765.5
-40°	389.5	432.3	479.7	528.2	570.9	599.2	625.6	650.0	675.2	702.8	730.7
-42.5°	373.5	414.5	458.4	504.6	546.5	579.1	605.4	628.5	650.4	674.7	700.3
-45°	357.2	395.6	436.0	479.4	520.4	556.0	583.2	607.2	626.2	646.5	669.5
-47.5°	340.1	375.8	413.8	453.5	493.6	529.5	559.4	581.7	601.4	619.5	637.8
-50°	322.0	356.4	390.0	427.1	465.4	501.9	533.0	555.0	574.0	591.5	608.1
-52.5°	302.1	336.3	366.6	399.1	435.4	471.7	502.6	526.4	545.4	562.2	579.5
-55°	281.3	313.2	342.1	371.2	402.9	437.9	468.8	493.5	516.1	532.3	550.0
-57.5°	259.3	288.2	315.4	342.7	370.6	400.4	430.6	457.9	479.9	499.6	518.2
-60°	236.7	262.5	287.0	312.2	337.7	363.9	391.4	418.0	441.7	462.1	479.0
-62.5°	213.6	236.4	258.4	280.3	303.2	326.5	350.3	375.4	401.3	419.9	436.0
-65°	189.5	209.9	229.8	249.2	268.0	289.0	309.6	329.5	351.3	371.4	388.9
-67.5°	164.7	183.0	200.8	218.1	235.0	252.2	269.6	287.4	304.6	321.0	337.0
-70°	141.5	156.0	171.4	186.7	201.5	215.9	230.6	245.3	260.2	274.7	288.5
-72.5°	118.3	130.9	143.1	155.0	168.2	181.1	192.9	203.7	215.9	229.4	241.7
-75°	96.5	105.7	115.9	125.9	136.4	147.0	157.3	167.2	176.9	186.8	196.7
-77.5°	75.8	83.9	91.3	98.0	105.4	114.2	122.8	131.0	138.8	146.3	153.5
-80°	55.6	62.0	68.4	74.3	80.1	85.7	91.2	96.5	101.5	106.9	112.6
-82.5°	36.7	41.4	46.1	50.6	55.0	59.2	63.3	67.2	71.0	74.6	78.0
-85°	19.2	20.8	23.9	26.9	29.8	32.6	35.3	38.0	40.5	42.8	45.1
-87.5°	9.6	10.4	11.2	11.9	12.7	13.4	14.0	14.7	15.3	15.9	16.5
-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: P627395 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	17.0	17.5	18.0	18.4	18.9	19.2	19.5	19.8	20.1	20.3	20.5
85°	47.3	49.3	51.2	52.9	54.5	54.9	55.0	54.9	54.6	55.4	56.0
82.5°	81.2	84.9	88.6	92.2	95.7	97.1	98.0	98.7	99.2	100.6	101.8
80°	118.0	123.7	129.0	133.8	138.0	141.1	143.8	146.4	148.7	149.7	150.2
77.5°	160.6	167.6	174.2	180.2	185.8	190.2	193.8	196.7	198.9	200.3	201.2
75°	206.5	215.4	223.2	230.5	237.3	242.0	245.2	247.6	249.2	251.0	252.3
72.5°	252.9	263.0	272.3	281.1	288.8	294.2	298.0	301.1	303.4	305.1	306.0
70°	301.7	313.7	324.0	332.8	339.7	345.0	349.1	352.4	354.9	356.6	357.6
67.5°	352.1	365.0	374.7	382.4	388.7	394.2	399.3	403.0	405.5	408.0	410.6
65°	403.6	416.7	426.6	434.7	441.4	448.5	455.0	459.9	463.1	466.0	469.0
62.5°	451.9	466.8	478.2	489.0	499.8	510.0	515.9	520.5	523.8	526.6	530.0
60°	496.0	512.8	526.8	539.7	553.0	566.2	571.7	576.0	580.0	583.8	587.2
57.5°	535.0	552.8	569.9	582.6	595.3	607.7	616.3	621.0	624.1	625.9	627.3
55°	569.0	586.8	603.7	618.5	632.3	645.0	654.6	659.2	662.5	664.7	666.0
52.5°	599.3	618.4	636.6	653.0	667.8	681.6	693.5	699.8	704.9	708.6	709.8
50°	629.3	649.9	669.6	687.1	704.3	720.8	735.9	744.7	750.9	754.7	755.9
47.5°	660.5	682.9	704.1	724.4	744.0	763.6	781.5	793.5	802.4	808.9	813.6
45°	692.9	717.0	740.5	764.6	787.1	812.3	835.0	852.4	865.3	876.5	885.4
42.5°	725.6	752.7	779.8	810.7	841.4	870.0	897.1	920.2	941.3	961.9	978.0
40°	761.2	790.9	827.8	864.4	902.4	935.7	975.1	1010.5	1042.9	1077.9	1106.9
37.5°	800.1	838.2	882.0	925.8	975.1	1023.0	1078.1	1132.4	1179.6	1241.0	1290.2
35°	842.4	890.7	942.4	1001.2	1064.8	1139.9	1217.0	1307.5	1384.4	1481.9	1571.9
32.5°	889.6	946.4	1013.3	1094.3	1180.1	1300.6	1413.6	1567.1	1698.3	1867.5	2052.4
30°	937.5	1010.8	1102.0	1206.6	1351.7	1522.8	1722.2	1981.6	2262.2	2552.5	2943.3
27.5°	994.3	1089.6	1203.5	1364.8	1582.0	1818.8	2225.1	2663.8	3274.9	3758.7	4620.3
25°	1055.6	1173.4	1341.7	1575.6	1875.7	2354.8	3040.6	3834.7	5057.5	6145.2	7395.3
22.5°	1128.1	1288.2	1510.9	1817.2	2340.4	3164.8	4235.2	5865.9	7678.6	9467.8	11103.1
20°	1204.9	1398.3	1709.7	2208.7	3017.2	4209.2	6119.0	8449.2	10855.7	13307.7	15374.0
17.5°	1294.5	1557.1	1967.4	2630.1	3783.6	5824.5	8375.4	11338.3	14482.3	17611.2	20328.9
15°	1371.6	1696.0	2248.5	3241.1	4961.3	7514.0	10649.1	14391.2	18345.0	22405.5	26806.4
12.5°	1469.9	1863.4	2538.1	3746.2	6006.2	9324.1	13160.2	17504.9	22332.9	27724.4	34585.2
10°	1560.1	2039.0	2919.0	4555.6	7262.2	11015.0	15329.2	20258.4	26520.9	34622.8	42898.6
7.5°	1632.3	2178.2	3214.5	5187.2	8315.6	12459.4	17282.3	23192.1	31005.0	40652.5	50108.2
5°	1682.6	2274.7	3425.9	5664.4	9162.9	13563.4	18668.3	25354.7	34784.6	45588.1	55243.0
2.5°	1714.1	2327.5	3529.3	5947.8	9715.5	14227.6	19533.0	26729.0	37101.1	48730.0	58505.3
0°	1729.1	2336.6	3463.4	6085.6	9793.1	14180.7	19612.1	27187.9	37650.8	49583.2	59319.1
-2.5°	1714.1	2327.5	3529.3	5947.8	9715.5	14227.6	19533.0	26729.0	37101.1	48730.0	58505.3
-5°	1682.6	2274.7	3425.9	5664.4	9162.9	13563.4	18668.3	25354.7	34784.6	45588.1	55243.0
-7.5°	1632.3	2178.2	3214.5	5187.2	8315.6	12459.4	17282.3	23192.1	31005.0	40652.5	50108.2
-10°	1560.1	2039.0	2919.0	4555.6	7262.2	11015.0	15329.2	20258.4	26520.9	34622.8	42898.6
-12.5°	1469.9	1863.4	2538.1	3746.2	6006.2	9324.1	13160.2	17504.9	22332.9	27724.4	34585.2
-15°	1371.6	1696.0	2248.5	3241.1	4961.3	7514.0	10649.1	14391.2	18345.0	22405.5	26806.4
-17.5°	1294.5	1557.1	1967.4	2630.1	3783.6	5824.5	8375.4	11338.3	14482.3	17611.2	20328.9
-20°	1204.9	1398.3	1709.7	2208.7	3017.2	4209.2	6119.0	8449.2	10855.7	13307.7	15374.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627395 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1128.1	1288.2	1510.9	1817.2	2340.4	3164.8	4235.2	5865.9	7678.6	9467.8	11103.1
-25°	1055.6	1173.4	1341.7	1575.6	1875.7	2354.8	3040.6	3834.7	5057.5	6145.2	7395.3
-27.5°	994.3	1089.6	1203.5	1364.8	1582.0	1818.8	2225.1	2663.8	3274.9	3758.7	4620.3
-30°	937.5	1010.8	1102.0	1206.6	1351.7	1522.8	1722.2	1981.6	2262.2	2552.5	2943.3
-32.5°	889.6	946.4	1013.3	1094.3	1180.1	1300.6	1413.6	1567.1	1698.3	1867.5	2052.4
-35°	842.4	890.7	942.4	1001.2	1064.8	1139.9	1217.0	1307.5	1384.4	1481.9	1571.9
-37.5°	800.1	838.2	882.0	925.8	975.1	1023.0	1078.1	1132.4	1179.6	1241.0	1290.2
-40°	761.2	790.9	827.8	864.4	902.4	935.7	975.1	1010.5	1042.9	1077.9	1106.9
-42.5°	725.6	752.7	779.8	810.7	841.4	870.0	897.1	920.2	941.3	961.9	978.0
-45°	692.9	717.0	740.5	764.6	787.1	812.3	835.0	852.4	865.3	876.5	885.4
-47.5°	660.5	682.9	704.1	724.4	744.0	763.6	781.5	793.5	802.4	808.9	813.6
-50°	629.3	649.9	669.6	687.1	704.3	720.8	735.9	744.7	750.9	754.7	755.9
-52.5°	599.3	618.4	636.6	653.0	667.8	681.6	693.5	699.8	704.9	708.6	709.8
-55°	569.0	586.8	603.7	618.5	632.3	645.0	654.6	659.2	662.5	664.7	666.0
-57.5°	535.0	552.8	569.9	582.6	595.3	607.7	616.3	621.0	624.1	625.9	627.3
-60°	496.0	512.8	526.8	539.7	553.0	566.2	571.7	576.0	580.0	583.8	587.2
-62.5°	451.9	466.8	478.2	489.0	499.8	510.0	515.9	520.5	523.8	526.6	530.0
-65°	403.6	416.7	426.6	434.7	441.4	448.5	455.0	459.9	463.1	466.0	469.0
-67.5°	352.1	365.0	374.7	382.4	388.7	394.2	399.3	403.0	405.5	408.0	410.6
-70°	301.7	313.7	324.0	332.8	339.7	345.0	349.1	352.4	354.9	356.6	357.6
-72.5°	252.9	263.0	272.3	281.1	288.8	294.2	298.0	301.1	303.4	305.1	306.0
-75°	206.5	215.4	223.2	230.5	237.3	242.0	245.2	247.6	249.2	251.0	252.3
-77.5°	160.6	167.6	174.2	180.2	185.8	190.2	193.8	196.7	198.9	200.3	201.2
-80°	118.0	123.7	129.0	133.8	138.0	141.1	143.8	146.4	148.7	149.7	150.2
-82.5°	81.2	84.9	88.6	92.2	95.7	97.1	98.0	98.7	99.2	100.6	101.8
-85°	47.3	49.3	51.2	52.9	54.5	54.9	55.0	54.9	54.6	55.4	56.0
-87.5°	17.0	17.5	18.0	18.4	18.9	19.2	19.5	19.8	20.1	20.3	20.5
-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: P627395 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	20.6	20.7	20.8	20.8	20.8	20.7	20.6	20.5	20.3	20.1	19.8
85°	56.5	56.8	57.0	57.1	57.0	56.8	56.5	56.0	55.4	54.6	54.9
82.5°	102.7	103.4	103.8	103.9	103.8	103.4	102.7	101.8	100.6	99.2	98.7
80°	150.3	149.9	150.4	150.6	150.4	149.9	150.3	150.2	149.7	148.7	146.4
77.5°	201.6	201.6	202.2	202.5	202.2	201.6	201.6	201.2	200.3	198.9	196.7
75°	253.1	253.3	254.1	254.4	254.1	253.3	253.1	252.3	251.0	249.2	247.6
72.5°	306.0	305.2	306.0	306.4	306.0	305.2	306.0	306.0	305.1	303.4	301.1
70°	357.7	357.0	360.3	363.5	360.3	357.0	357.7	357.6	356.6	354.9	352.4
67.5°	412.5	413.6	417.3	420.6	417.3	413.6	412.5	410.6	408.0	405.5	403.0
65°	470.5	470.7	474.3	477.7	474.3	470.7	470.5	469.0	466.0	463.1	459.9
62.5°	532.0	532.6	536.4	540.0	536.4	532.6	532.0	530.0	526.6	523.8	520.5
60°	589.2	589.8	591.2	591.9	591.2	589.8	589.2	587.2	583.8	580.0	576.0
57.5°	627.8	627.2	627.8	628.3	627.8	627.2	627.8	627.3	625.9	624.1	621.0
55°	665.8	664.1	662.0	659.4	662.0	664.1	665.8	666.0	664.7	662.5	659.2
52.5°	708.8	706.1	703.6	701.0	703.6	706.1	708.8	709.8	708.6	704.9	699.8
50°	755.1	752.6	750.2	747.7	750.2	752.6	755.1	755.9	754.7	750.9	744.7
47.5°	816.8	817.8	817.4	815.2	817.4	817.8	816.8	813.6	808.9	802.4	793.5
45°	891.7	894.7	895.1	893.1	895.1	894.7	891.7	885.4	876.5	865.3	852.4
42.5°	989.4	996.0	999.7	1002.2	999.7	996.0	989.4	978.0	961.9	941.3	920.2
40°	1128.0	1141.4	1149.9	1157.9	1149.9	1141.4	1128.0	1106.9	1077.9	1042.9	1010.5
37.5°	1326.7	1351.0	1361.9	1355.2	1361.9	1351.0	1326.7	1290.2	1241.0	1179.6	1132.4
35°	1641.2	1687.5	1711.5	1713.5	1711.5	1687.5	1641.2	1571.9	1481.9	1384.4	1307.5
32.5°	2189.0	2283.7	2334.6	2341.8	2334.6	2283.7	2189.0	2052.4	1867.5	1698.3	1567.1
30°	3242.5	3435.7	3526.4	3504.9	3526.4	3435.7	3242.5	2943.3	2552.5	2262.2	1981.6
27.5°	5290.1	5772.1	6057.7	6080.4	6057.7	5772.1	5290.1	4620.3	3758.7	3274.9	2663.8
25°	8502.4	9325.2	9852.0	9860.6	9852.0	9325.2	8502.4	7395.3	6145.2	5057.5	3834.7
22.5°	12615.2	13738.3	14353.7	14461.1	14353.7	13738.3	12615.2	11103.1	9467.8	7678.6	5865.9
20°	17380.1	18874.1	19673.5	19674.4	19673.5	18874.1	17380.1	15374.0	13307.7	10855.7	8449.2
17.5°	23248.2	25674.2	27197.1	27852.6	27197.1	25674.2	23248.2	20328.9	17611.2	14482.3	11338.3
15°	31044.0	35120.8	37563.7	38003.9	37563.7	35120.8	31044.0	26806.4	22405.5	18345.0	14391.2
12.5°	40536.5	45695.7	49163.7	50434.8	49163.7	45695.7	40536.5	34585.2	27724.4	22332.9	17504.9
10°	50447.3	55227.6	58942.9	60191.5	58942.9	55227.6	50447.3	42898.6	34622.8	26520.9	20258.4
7.5°	57607.1	63307.4	67492.5	69330.3	67492.5	63307.4	57607.1	50108.2	40652.5	31005.0	23192.1
5°	63259.0	70003.9	73899.7	75628.8	73899.7	70003.9	63259.0	55243.0	45588.1	34784.6	25354.7
2.5°	66967.4	73632.0	77757.5	79351.8	77757.5	73632.0	66967.4	58505.3	48730.0	37101.1	26729.0
0°	68354.1	74870.7	78946.8	80894.0	78946.8	74870.7	68354.1	59319.1	49583.2	37650.8	27187.9
-2.5°	66967.4	73632.0	77757.5	79351.8	77757.5	73632.0	66967.4	58505.3	48730.0	37101.1	26729.0
-5°	63259.0	70003.9	73899.7	75628.8	73899.7	70003.9	63259.0	55243.0	45588.1	34784.6	25354.7
-7.5°	57607.1	63307.4	67492.5	69330.3	67492.5	63307.4	57607.1	50108.2	40652.5	31005.0	23192.1
-10°	50447.3	55227.6	58942.9	60191.5	58942.9	55227.6	50447.3	42898.6	34622.8	26520.9	20258.4
-12.5°	40536.5	45695.7	49163.7	50434.8	49163.7	45695.7	40536.5	34585.2	27724.4	22332.9	17504.9
-15°	31044.0	35120.8	37563.7	38003.9	37563.7	35120.8	31044.0	26806.4	22405.5	18345.0	14391.2
-17.5°	23248.2	25674.2	27197.1	27852.6	27197.1	25674.2	23248.2	20328.9	17611.2	14482.3	11338.3
-20°	17380.1	18874.1	19673.5	19674.4	19673.5	18874.1	17380.1	15374.0	13307.7	10855.7	8449.2



REPORT NUMBER: P627395 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12615.2	13738.3	14353.7	14461.1	14353.7	13738.3	12615.2	11103.1	9467.8	7678.6	5865.9
-25°	8502.4	9325.2	9852.0	9860.6	9852.0	9325.2	8502.4	7395.3	6145.2	5057.5	3834.7
-27.5°	5290.1	5772.1	6057.7	6080.4	6057.7	5772.1	5290.1	4620.3	3758.7	3274.9	2663.8
-30°	3242.5	3435.7	3526.4	3504.9	3526.4	3435.7	3242.5	2943.3	2552.5	2262.2	1981.6
-32.5°	2189.0	2283.7	2334.6	2341.8	2334.6	2283.7	2189.0	2052.4	1867.5	1698.3	1567.1
-35°	1641.2	1687.5	1711.5	1713.5	1711.5	1687.5	1641.2	1571.9	1481.9	1384.4	1307.5
-37.5°	1326.7	1351.0	1361.9	1355.2	1361.9	1351.0	1326.7	1290.2	1241.0	1179.6	1132.4
-40°	1128.0	1141.4	1149.9	1157.9	1149.9	1141.4	1128.0	1106.9	1077.9	1042.9	1010.5
-42.5°	989.4	996.0	999.7	1002.2	999.7	996.0	989.4	978.0	961.9	941.3	920.2
-45°	891.7	894.7	895.1	893.1	895.1	894.7	891.7	885.4	876.5	865.3	852.4
-47.5°	816.8	817.8	817.4	815.2	817.4	817.8	816.8	813.6	808.9	802.4	793.5
-50°	755.1	752.6	750.2	747.7	750.2	752.6	755.1	755.9	754.7	750.9	744.7
-52.5°	708.8	706.1	703.6	701.0	703.6	706.1	708.8	709.8	708.6	704.9	699.8
-55°	665.8	664.1	662.0	659.4	662.0	664.1	665.8	666.0	664.7	662.5	659.2
-57.5°	627.8	627.2	627.8	628.3	627.8	627.2	627.8	627.3	625.9	624.1	621.0
-60°	589.2	589.8	591.2	591.9	591.2	589.8	589.2	587.2	583.8	580.0	576.0
-62.5°	532.0	532.6	536.4	540.0	536.4	532.6	532.0	530.0	526.6	523.8	520.5
-65°	470.5	470.7	474.3	477.7	474.3	470.7	470.5	469.0	466.0	463.1	459.9
-67.5°	412.5	413.6	417.3	420.6	417.3	413.6	412.5	410.6	408.0	405.5	403.0
-70°	357.7	357.0	360.3	363.5	360.3	357.0	357.7	357.6	356.6	354.9	352.4
-72.5°	306.0	305.2	306.0	306.4	306.0	305.2	306.0	306.0	305.1	303.4	301.1
-75°	253.1	253.3	254.1	254.4	254.1	253.3	253.1	252.3	251.0	249.2	247.6
-77.5°	201.6	201.6	202.2	202.5	202.2	201.6	201.6	201.2	200.3	198.9	196.7
-80°	150.3	149.9	150.4	150.6	150.4	149.9	150.3	150.2	149.7	148.7	146.4
-82.5°	102.7	103.4	103.8	103.9	103.8	103.4	102.7	101.8	100.6	99.2	98.7
-85°	56.5	56.8	57.0	57.1	57.0	56.8	56.5	56.0	55.4	54.6	54.9
-87.5°	20.6	20.7	20.8	20.8	20.8	20.7	20.6	20.5	20.3	20.1	19.8
-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: P627395 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.5	19.2	18.9	18.4	18.0	17.5	17.0	16.5	15.9	15.3	14.7
85°	55.0	54.9	54.5	52.9	51.2	49.3	47.3	45.1	42.8	40.5	38.0
82.5°	98.0	97.1	95.7	92.2	88.6	84.9	81.2	78.0	74.6	71.0	67.2
80°	143.8	141.1	138.0	133.8	129.0	123.7	118.0	112.6	106.9	101.5	96.5
77.5°	193.8	190.2	185.8	180.2	174.2	167.6	160.6	153.5	146.3	138.8	131.0
75°	245.2	242.0	237.3	230.5	223.2	215.4	206.5	196.7	186.8	176.9	167.2
72.5°	298.0	294.2	288.8	281.1	272.3	263.0	252.9	241.7	229.4	215.9	203.7
70°	349.1	345.0	339.7	332.8	324.0	313.7	301.7	288.5	274.7	260.2	245.3
67.5°	399.3	394.2	388.7	382.4	374.7	365.0	352.1	337.0	321.0	304.6	287.4
65°	455.0	448.5	441.4	434.7	426.6	416.7	403.6	388.9	371.4	351.3	329.5
62.5°	515.9	510.0	499.8	489.0	478.2	466.8	451.9	436.0	419.9	401.3	375.4
60°	571.7	566.2	553.0	539.7	526.8	512.8	496.0	479.0	462.1	441.7	418.0
57.5°	616.3	607.7	595.3	582.6	569.9	552.8	535.0	518.2	499.6	479.9	457.9
55°	654.6	645.0	632.3	618.5	603.7	586.8	569.0	550.0	532.3	516.1	493.5
52.5°	693.5	681.6	667.8	653.0	636.6	618.4	599.3	579.5	562.2	545.4	526.4
50°	735.9	720.8	704.3	687.1	669.6	649.9	629.3	608.1	591.5	574.0	555.0
47.5°	781.5	763.6	744.0	724.4	704.1	682.9	660.5	637.8	619.5	601.4	581.7
45°	835.0	812.3	787.1	764.6	740.5	717.0	692.9	669.5	646.5	626.2	607.2
42.5°	897.1	870.0	841.4	810.7	779.8	752.7	725.6	700.3	674.7	650.4	628.5
40°	975.1	935.7	902.4	864.4	827.8	790.9	761.2	730.7	702.8	675.2	650.0
37.5°	1078.1	1023.0	975.1	925.8	882.0	838.2	800.1	765.5	730.7	701.0	672.8
35°	1217.0	1139.9	1064.8	1001.2	942.4	890.7	842.4	801.8	763.5	727.2	695.5
32.5°	1413.6	1300.6	1180.1	1094.3	1013.3	946.4	889.6	839.1	795.3	755.3	719.0
30°	1722.2	1522.8	1351.7	1206.6	1102.0	1010.8	937.5	878.2	826.8	782.4	742.0
27.5°	2225.1	1818.8	1582.0	1364.8	1203.5	1089.6	994.3	917.1	857.5	808.8	764.7
25°	3040.6	2354.8	1875.7	1575.6	1341.7	1173.4	1055.6	963.5	890.6	832.7	780.9
22.5°	4235.2	3164.8	2340.4	1817.2	1510.9	1288.2	1128.1	1009.3	920.2	853.2	796.8
20°	6119.0	4209.2	3017.2	2208.7	1709.7	1398.3	1204.9	1063.1	956.5	875.2	810.9
17.5°	8375.4	5824.5	3783.6	2630.1	1967.4	1557.1	1294.5	1114.7	988.5	895.1	822.8
15°	10649.1	7514.0	4961.3	3241.1	2248.5	1696.0	1371.6	1159.2	1019.9	917.0	837.7
12.5°	13160.2	9324.1	6006.2	3746.2	2538.1	1863.4	1469.9	1219.3	1054.1	938.8	852.1
10°	15329.2	11015.0	7262.2	4555.6	2919.0	2039.0	1560.1	1270.8	1082.7	956.4	863.3
7.5°	17282.3	12459.4	8315.6	5187.2	3214.5	2178.2	1632.3	1311.8	1104.2	969.3	871.3
5°	18668.3	13563.4	9162.9	5664.4	3425.9	2274.7	1682.6	1340.8	1118.4	977.4	875.9
2.5°	19533.0	14227.6	9715.5	5947.8	3529.3	2327.5	1714.1	1357.3	1130.3	986.4	878.5
0°	19612.1	14180.7	9793.1	6085.6	3463.4	2336.6	1729.1	1360.4	1137.2	991.8	877.5
-2.5°	19533.0	14227.6	9715.5	5947.8	3529.3	2327.5	1714.1	1357.3	1130.3	986.4	878.5
-5°	18668.3	13563.4	9162.9	5664.4	3425.9	2274.7	1682.6	1340.8	1118.4	977.4	875.9
-7.5°	17282.3	12459.4	8315.6	5187.2	3214.5	2178.2	1632.3	1311.8	1104.2	969.3	871.3
-10°	15329.2	11015.0	7262.2	4555.6	2919.0	2039.0	1560.1	1270.8	1082.7	956.4	863.3
-12.5°	13160.2	9324.1	6006.2	3746.2	2538.1	1863.4	1469.9	1219.3	1054.1	938.8	852.1
-15°	10649.1	7514.0	4961.3	3241.1	2248.5	1696.0	1371.6	1159.2	1019.9	917.0	837.7
-17.5°	8375.4	5824.5	3783.6	2630.1	1967.4	1557.1	1294.5	1114.7	988.5	895.1	822.8
-20°	6119.0	4209.2	3017.2	2208.7	1709.7	1398.3	1204.9	1063.1	956.5	875.2	810.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627395 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4235.2	3164.8	2340.4	1817.2	1510.9	1288.2	1128.1	1009.3	920.2	853.2	796.8
-25°	3040.6	2354.8	1875.7	1575.6	1341.7	1173.4	1055.6	963.5	890.6	832.7	780.9
-27.5°	2225.1	1818.8	1582.0	1364.8	1203.5	1089.6	994.3	917.1	857.5	808.8	764.7
-30°	1722.2	1522.8	1351.7	1206.6	1102.0	1010.8	937.5	878.2	826.8	782.4	742.0
-32.5°	1413.6	1300.6	1180.1	1094.3	1013.3	946.4	889.6	839.1	795.3	755.3	719.0
-35°	1217.0	1139.9	1064.8	1001.2	942.4	890.7	842.4	801.8	763.5	727.2	695.5
-37.5°	1078.1	1023.0	975.1	925.8	882.0	838.2	800.1	765.5	730.7	701.0	672.8
-40°	975.1	935.7	902.4	864.4	827.8	790.9	761.2	730.7	702.8	675.2	650.0
-42.5°	897.1	870.0	841.4	810.7	779.8	752.7	725.6	700.3	674.7	650.4	628.5
-45°	835.0	812.3	787.1	764.6	740.5	717.0	692.9	669.5	646.5	626.2	607.2
-47.5°	781.5	763.6	744.0	724.4	704.1	682.9	660.5	637.8	619.5	601.4	581.7
-50°	735.9	720.8	704.3	687.1	669.6	649.9	629.3	608.1	591.5	574.0	555.0
-52.5°	693.5	681.6	667.8	653.0	636.6	618.4	599.3	579.5	562.2	545.4	526.4
-55°	654.6	645.0	632.3	618.5	603.7	586.8	569.0	550.0	532.3	516.1	493.5
-57.5°	616.3	607.7	595.3	582.6	569.9	552.8	535.0	518.2	499.6	479.9	457.9
-60°	571.7	566.2	553.0	539.7	526.8	512.8	496.0	479.0	462.1	441.7	418.0
-62.5°	515.9	510.0	499.8	489.0	478.2	466.8	451.9	436.0	419.9	401.3	375.4
-65°	455.0	448.5	441.4	434.7	426.6	416.7	403.6	388.9	371.4	351.3	329.5
-67.5°	399.3	394.2	388.7	382.4	374.7	365.0	352.1	337.0	321.0	304.6	287.4
-70°	349.1	345.0	339.7	332.8	324.0	313.7	301.7	288.5	274.7	260.2	245.3
-72.5°	298.0	294.2	288.8	281.1	272.3	263.0	252.9	241.7	229.4	215.9	203.7
-75°	245.2	242.0	237.3	230.5	223.2	215.4	206.5	196.7	186.8	176.9	167.2
-77.5°	193.8	190.2	185.8	180.2	174.2	167.6	160.6	153.5	146.3	138.8	131.0
-80°	143.8	141.1	138.0	133.8	129.0	123.7	118.0	112.6	106.9	101.5	96.5
-82.5°	98.0	97.1	95.7	92.2	88.6	84.9	81.2	78.0	74.6	71.0	67.2
-85°	55.0	54.9	54.5	52.9	51.2	49.3	47.3	45.1	42.8	40.5	38.0
-87.5°	19.5	19.2	18.9	18.4	18.0	17.5	17.0	16.5	15.9	15.3	14.7
-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: P627395 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	14.0	13.4	12.7	11.9	11.2	10.4	9.6	8.8	8.0	7.1	6.3
85°	35.3	32.6	29.8	26.9	23.9	20.8	19.2	17.6	15.9	14.2	12.5
82.5°	63.3	59.2	55.0	50.6	46.1	41.4	36.7	31.8	26.6	21.7	18.7
80°	91.2	85.7	80.1	74.3	68.4	62.0	55.6	49.0	41.8	34.8	28.2
77.5°	122.8	114.2	105.4	98.0	91.3	83.9	75.8	66.7	56.8	47.8	39.2
75°	157.3	147.0	136.4	125.9	115.9	105.7	96.5	85.8	73.4	60.8	50.1
72.5°	192.9	181.1	168.2	155.0	143.1	130.9	118.3	104.8	90.6	76.1	61.5
70°	230.6	215.9	201.5	186.7	171.4	156.0	141.5	125.2	107.5	91.2	74.8
67.5°	269.6	252.2	235.0	218.1	200.8	183.0	164.7	145.7	126.1	106.2	87.8
65°	309.6	289.0	268.0	249.2	229.8	209.9	189.5	166.4	144.3	122.4	100.7
62.5°	350.3	326.5	303.2	280.3	258.4	236.4	213.6	187.6	162.4	138.3	114.2
60°	391.4	363.9	337.7	312.2	287.0	262.5	236.7	208.3	180.7	153.9	127.9
57.5°	430.6	400.4	370.6	342.7	315.4	288.2	259.3	228.7	198.4	169.4	141.2
55°	468.8	437.9	402.9	371.2	342.1	313.2	281.3	248.8	215.7	184.3	154.1
52.5°	502.6	471.7	435.4	399.1	366.6	336.3	302.1	268.2	233.2	198.7	166.7
50°	533.0	501.9	465.4	427.1	390.0	356.4	322.0	286.2	250.2	212.9	178.8
47.5°	559.4	529.5	493.6	453.5	413.8	375.8	340.1	303.2	266.5	227.4	190.5
45°	583.2	556.0	520.4	479.4	436.0	395.6	357.2	319.4	280.9	241.4	201.8
42.5°	605.4	579.1	546.5	504.6	458.4	414.5	373.5	334.2	294.5	254.7	213.0
40°	625.6	599.2	570.9	528.2	479.7	432.3	389.5	348.2	307.2	266.8	223.9
37.5°	645.5	618.2	588.9	550.3	499.6	450.4	404.4	361.5	319.4	277.6	234.2
35°	666.0	636.7	604.7	567.6	518.6	467.0	418.2	374.0	331.0	287.8	243.7
32.5°	685.6	653.4	619.2	582.3	536.3	482.2	431.5	386.0	341.8	297.4	252.5
30°	704.8	667.0	632.0	597.2	551.8	497.0	444.6	397.2	351.9	306.3	260.5
27.5°	719.5	678.9	643.4	609.0	564.8	510.7	457.4	407.6	361.1	314.4	267.6
25°	732.7	690.3	653.0	618.3	577.6	524.9	469.0	417.1	369.5	321.8	274.0
22.5°	745.9	700.3	661.1	626.2	589.7	537.6	480.1	426.5	377.1	328.5	279.8
20°	757.3	708.3	667.8	633.5	597.8	547.6	490.4	435.0	383.8	334.5	285.0
17.5°	767.0	716.5	674.9	639.5	603.4	556.0	499.5	442.3	389.7	339.6	289.5
15°	776.9	724.9	680.9	644.1	608.2	562.9	507.2	448.5	394.6	344.0	293.6
12.5°	785.4	731.2	685.5	647.4	612.3	568.3	513.5	453.7	398.7	348.1	297.5
10°	792.0	735.3	688.8	649.5	615.4	572.2	518.5	458.4	403.5	351.7	300.7
7.5°	796.7	737.3	690.7	650.4	617.7	575.7	523.4	463.7	407.8	354.6	303.2
5°	799.8	738.2	691.9	652.3	619.0	579.0	526.9	467.8	411.3	356.7	305.0
2.5°	803.5	738.6	692.0	653.8	619.0	580.9	528.9	470.7	413.8	357.9	306.0
0°	804.8	737.3	690.6	654.3	617.9	581.6	529.6	472.5	415.4	358.3	306.4
-2.5°	803.5	738.6	692.0	653.8	619.0	580.9	528.9	470.7	413.8	357.9	306.0
-5°	799.8	738.2	691.9	652.3	619.0	579.0	526.9	467.8	411.3	356.7	305.0
-7.5°	796.7	737.3	690.7	650.4	617.7	575.7	523.4	463.7	407.8	354.6	303.2
-10°	792.0	735.3	688.8	649.5	615.4	572.2	518.5	458.4	403.5	351.7	300.7
-12.5°	785.4	731.2	685.5	647.4	612.3	568.3	513.5	453.7	398.7	348.1	297.5
-15°	776.9	724.9	680.9	644.1	608.2	562.9	507.2	448.5	394.6	344.0	293.6
-17.5°	767.0	716.5	674.9	639.5	603.4	556.0	499.5	442.3	389.7	339.6	289.5
-20°	757.3	708.3	667.8	633.5	597.8	547.6	490.4	435.0	383.8	334.5	285.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627395 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	745.9	700.3	661.1	626.2	589.7	537.6	480.1	426.5	377.1	328.5	279.8
-25°	732.7	690.3	653.0	618.3	577.6	524.9	469.0	417.1	369.5	321.8	274.0
-27.5°	719.5	678.9	643.4	609.0	564.8	510.7	457.4	407.6	361.1	314.4	267.6
-30°	704.8	667.0	632.0	597.2	551.8	497.0	444.6	397.2	351.9	306.3	260.5
-32.5°	685.6	653.4	619.2	582.3	536.3	482.2	431.5	386.0	341.8	297.4	252.5
-35°	666.0	636.7	604.7	567.6	518.6	467.0	418.2	374.0	331.0	287.8	243.7
-37.5°	645.5	618.2	588.9	550.3	499.6	450.4	404.4	361.5	319.4	277.6	234.2
-40°	625.6	599.2	570.9	528.2	479.7	432.3	389.5	348.2	307.2	266.8	223.9
-42.5°	605.4	579.1	546.5	504.6	458.4	414.5	373.5	334.2	294.5	254.7	213.0
-45°	583.2	556.0	520.4	479.4	436.0	395.6	357.2	319.4	280.9	241.4	201.8
-47.5°	559.4	529.5	493.6	453.5	413.8	375.8	340.1	303.2	266.5	227.4	190.5
-50°	533.0	501.9	465.4	427.1	390.0	356.4	322.0	286.2	250.2	212.9	178.8
-52.5°	502.6	471.7	435.4	399.1	366.6	336.3	302.1	268.2	233.2	198.7	166.7
-55°	468.8	437.9	402.9	371.2	342.1	313.2	281.3	248.8	215.7	184.3	154.1
-57.5°	430.6	400.4	370.6	342.7	315.4	288.2	259.3	228.7	198.4	169.4	141.2
-60°	391.4	363.9	337.7	312.2	287.0	262.5	236.7	208.3	180.7	153.9	127.9
-62.5°	350.3	326.5	303.2	280.3	258.4	236.4	213.6	187.6	162.4	138.3	114.2
-65°	309.6	289.0	268.0	249.2	229.8	209.9	189.5	166.4	144.3	122.4	100.7
-67.5°	269.6	252.2	235.0	218.1	200.8	183.0	164.7	145.7	126.1	106.2	87.8
-70°	230.6	215.9	201.5	186.7	171.4	156.0	141.5	125.2	107.5	91.2	74.8
-72.5°	192.9	181.1	168.2	155.0	143.1	130.9	118.3	104.8	90.6	76.1	61.5
-75°	157.3	147.0	136.4	125.9	115.9	105.7	96.5	85.8	73.4	60.8	50.1
-77.5°	122.8	114.2	105.4	98.0	91.3	83.9	75.8	66.7	56.8	47.8	39.2
-80°	91.2	85.7	80.1	74.3	68.4	62.0	55.6	49.0	41.8	34.8	28.2
-82.5°	63.3	59.2	55.0	50.6	46.1	41.4	36.7	31.8	26.6	21.7	18.7
-85°	35.3	32.6	29.8	26.9	23.9	20.8	19.2	17.6	15.9	14.2	12.5
-87.5°	14.0	13.4	12.7	11.9	11.2	10.4	9.6	8.8	8.0	7.1	6.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report



REPORT NUMBER: P627395 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.4	4.5	3.6	2.7	1.8	0.9	0.0
85°	10.8	9.0	7.2	5.4	3.6	1.8	0.0
82.5°	16.1	13.5	10.8	8.1	5.4	2.7	0.0
80°	21.9	17.9	14.4	10.8	7.2	3.6	0.0
77.5°	31.1	23.5	17.9	13.5	9.0	4.5	0.0
75°	40.3	31.1	21.9	16.1	10.8	5.4	0.0
72.5°	49.3	38.7	28.0	18.7	12.5	6.3	0.0
70°	58.6	46.1	33.9	21.7	14.2	7.1	0.0
67.5°	69.9	53.5	39.8	26.1	15.9	8.0	0.0
65°	81.1	61.7	45.6	30.4	17.6	8.8	0.0
62.5°	92.0	70.9	51.3	34.7	19.2	9.6	0.0
60°	102.7	79.8	56.8	38.8	20.8	10.4	0.0
57.5°	113.9	88.5	63.7	42.9	23.5	11.2	0.0
55°	124.9	97.0	70.5	46.8	26.1	11.9	0.0
52.5°	135.4	105.3	77.1	50.7	28.7	12.7	0.0
50°	145.5	113.7	83.5	54.4	31.1	13.4	0.0
47.5°	155.3	121.7	89.6	58.2	33.5	14.0	0.0
45°	164.9	129.3	95.5	62.6	35.8	14.7	0.0
42.5°	174.1	136.6	101.2	66.9	38.0	15.3	0.0
40°	182.9	143.4	106.6	70.9	40.1	15.9	0.0
37.5°	191.2	149.8	111.8	74.6	42.1	16.5	0.0
35°	199.1	156.2	116.7	78.1	43.9	17.0	0.0
32.5°	206.5	162.3	121.2	81.3	45.7	17.5	0.0
30°	213.5	168.0	125.4	84.2	47.4	18.0	0.0
27.5°	219.9	173.2	129.1	86.9	48.9	18.4	0.0
25°	225.7	178.0	132.7	89.3	50.3	18.9	0.0
22.5°	230.9	182.4	135.9	91.5	51.6	19.2	0.0
20°	235.4	186.1	138.8	93.3	52.7	19.5	0.0
17.5°	239.6	189.4	141.5	94.9	53.7	19.8	0.0
15°	243.3	192.0	143.8	96.2	54.6	20.1	0.0
12.5°	246.6	194.2	145.8	97.3	55.4	20.3	0.0
10°	249.3	195.8	147.5	98.1	56.0	20.5	0.0
7.5°	251.5	196.9	148.9	98.6	56.5	20.6	0.0
5°	253.1	197.5	149.8	98.9	56.8	20.7	0.0
2.5°	254.1	197.6	150.4	98.9	57.0	20.8	0.0
0°	254.4	197.3	150.6	98.7	57.1	20.8	0.0
-2.5°	254.1	197.6	150.4	98.9	57.0	20.8	0.0
-5°	253.1	197.5	149.8	98.9	56.8	20.7	0.0
-7.5°	251.5	196.9	148.9	98.6	56.5	20.6	0.0
-10°	249.3	195.8	147.5	98.1	56.0	20.5	0.0
-12.5°	246.6	194.2	145.8	97.3	55.4	20.3	0.0
-15°	243.3	192.0	143.8	96.2	54.6	20.1	0.0
-17.5°	239.6	189.4	141.5	94.9	53.7	19.8	0.0
-20°	235.4	186.1	138.8	93.3	52.7	19.5	0.0

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CATALOG NUMBER: GFLD-SA4C-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	230.9	182.4	135.9	91.5	51.6	19.2	0.0
-25°	225.7	178.0	132.7	89.3	50.3	18.9	0.0
-27.5°	219.9	173.2	129.1	86.9	48.9	18.4	0.0
-30°	213.5	168.0	125.4	84.2	47.4	18.0	0.0
-32.5°	206.5	162.3	121.2	81.3	45.7	17.5	0.0
-35°	199.1	156.2	116.7	78.1	43.9	17.0	0.0
-37.5°	191.2	149.8	111.8	74.6	42.1	16.5	0.0
-40°	182.9	143.4	106.6	70.9	40.1	15.9	0.0
-42.5°	174.1	136.6	101.2	66.9	38.0	15.3	0.0
-45°	164.9	129.3	95.5	62.6	35.8	14.7	0.0
-47.5°	155.3	121.7	89.6	58.2	33.5	14.0	0.0
-50°	145.5	113.7	83.5	54.4	31.1	13.4	0.0
-52.5°	135.4	105.3	77.1	50.7	28.7	12.7	0.0
-55°	124.9	97.0	70.5	46.8	26.1	11.9	0.0
-57.5°	113.9	88.5	63.7	42.9	23.5	11.2	0.0
-60°	102.7	79.8	56.8	38.8	20.8	10.4	0.0
-62.5°	92.0	70.9	51.3	34.7	19.2	9.6	0.0
-65°	81.1	61.7	45.6	30.4	17.6	8.8	0.0
-67.5°	69.9	53.5	39.8	26.1	15.9	8.0	0.0
-70°	58.6	46.1	33.9	21.7	14.2	7.1	0.0
-72.5°	49.3	38.7	28.0	18.7	12.5	6.3	0.0
-75°	40.3	31.1	21.9	16.1	10.8	5.4	0.0
-77.5°	31.1	23.5	17.9	13.5	9.0	4.5	0.0
-80°	21.9	17.9	14.4	10.8	7.2	3.6	0.0
-82.5°	16.1	13.5	10.8	8.1	5.4	2.7	0.0
-85°	10.8	9.0	7.2	5.4	3.6	1.8	0.0
-87.5°	5.4	4.5	3.6	2.7	1.8	0.9	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)