

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: P627459 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-735-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
 Report Number: P627459 (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-SA4D-735-U-NR-XX
 Description: GALLEON FLOOD, FOUR LIGHT SQUARE, NARROW SYMMETRICAL ROUND N95
 Light Source: (64) 3500K CCT, 70 CRI LEDS
 Ballast/Driver: -

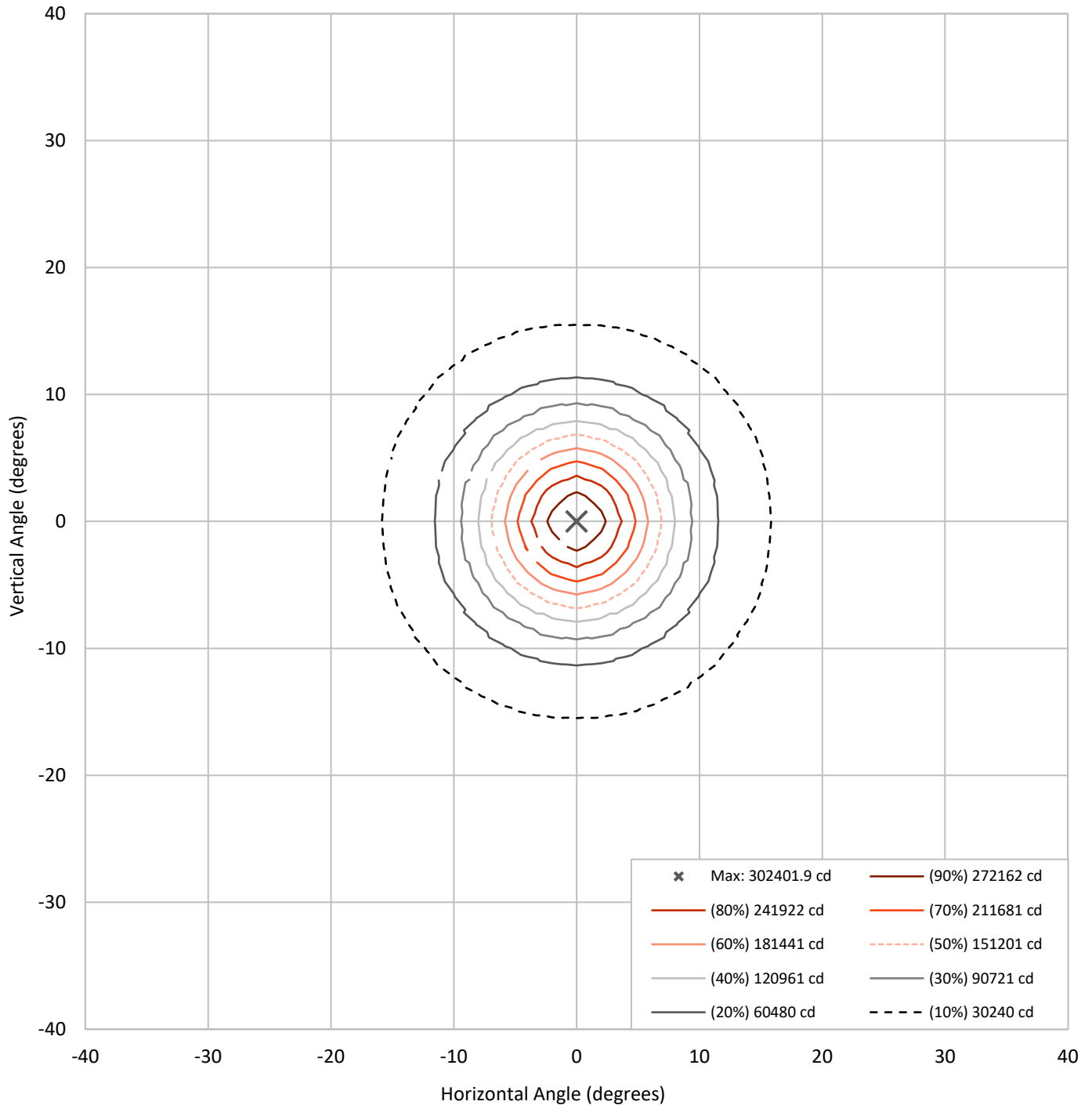
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	32110.6 lumens	Max Intensity:	302401.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	145.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' 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:	9493.7 lumens	Field Lumens:	21364.7 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	221.4		
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		



REPORT NUMBER: P627459 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





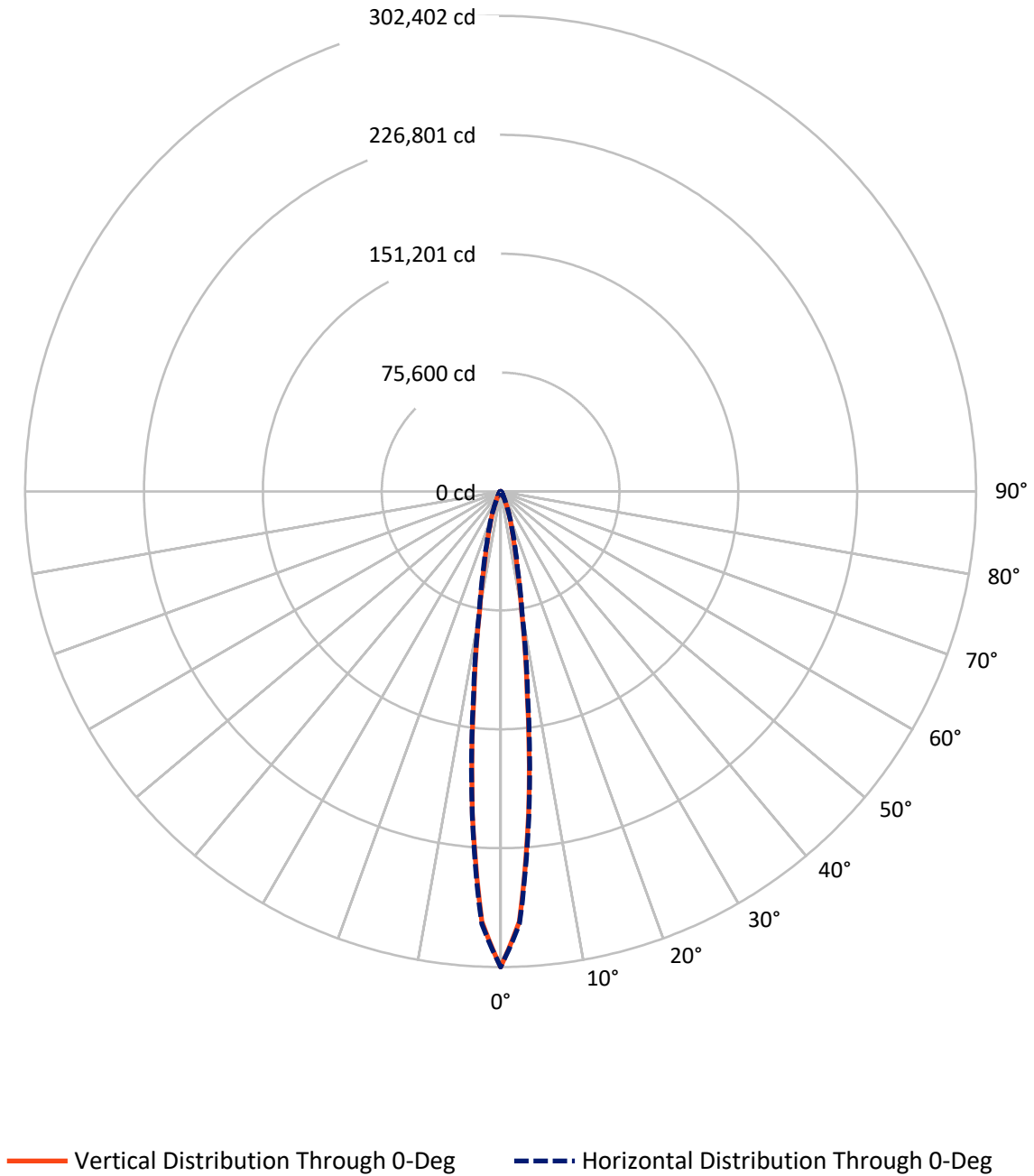
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Lumen Table

90	0.6	4.4		11.6		18.7		20.4		18.7		11.6		4.4		0.6			
80	0.6	4.4		11.6		18.7		20.4		18.7		11.6		4.4		0.6			
70	2.0	2.2	4.6	7.6	10.8	13.2	14.8	15.5	15.5	14.8	13.2	10.8	7.6	4.6	2.2	2.0			
60		3.4	7.0	11.3	15.2	18.5	20.7	21.6	21.6	20.7	18.5	15.2	11.3	7.0	3.4				
50	3.5	4.5	9.0	14.0	18.6	23.3	27.5	29.6	29.6	27.5	23.3	18.6	14.0	9.0	4.5	3.5			
40		5.4	10.6	16.1	22.8	32.8	46.3	57.3	57.3	46.3	32.8	22.8	16.1	10.6	5.4				
30	4.5	6.1	11.6	18.2	29.6	58.7	133.6	221.1	221.1	133.6	58.7	29.6	18.2	11.6	6.1	4.5			
20		6.5	12.2	20.0	39.2	124.6	442.4	952.8	952.8	442.4	124.6	39.2	20.0	12.2	6.5				
10	4.9	6.7	12.5	21.2	47.4	205.3	961.7	4154.2	4154.2	961.7	205.3	47.4	21.2	12.5	6.7	4.9			
0		6.7	12.5	21.2	47.4	205.3	961.7	4154.2	4154.2	961.7	205.3	47.4	21.2	12.5	6.7				
-10	4.5	6.5	12.2	20.0	39.2	124.6	442.4	952.8	952.8	442.4	124.6	39.2	20.0	12.2	6.5	4.5			
-20		6.1	11.6	18.2	29.6	58.7	133.6	221.1	221.1	133.6	58.7	29.6	18.2	11.6	6.1				
-30	3.5	5.4	10.6	16.1	22.8	32.8	46.3	57.3	57.3	46.3	32.8	22.8	16.1	10.6	5.4	3.5			
-40		4.5	9.0	14.0	18.6	23.3	27.5	29.6	29.6	27.5	23.3	18.6	14.0	9.0	4.5				
-50	2.0	3.4	7.0	11.3	15.2	18.5	20.7	21.6	21.6	20.7	18.5	15.2	11.3	7.0	3.4	2.0			
-60		2.2	4.6	7.6	10.8	13.2	14.8	15.5	15.5	14.8	13.2	10.8	7.6	4.6	2.2				
-70	0.6	4.4		11.6		18.7		20.4		18.7		11.6		4.4		0.6			
-80		4.4		11.6		18.7		20.4		18.7		11.6		4.4					
-90	0.6	4.4		11.6		18.7		20.4		18.7		11.6		4.4		0.6			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

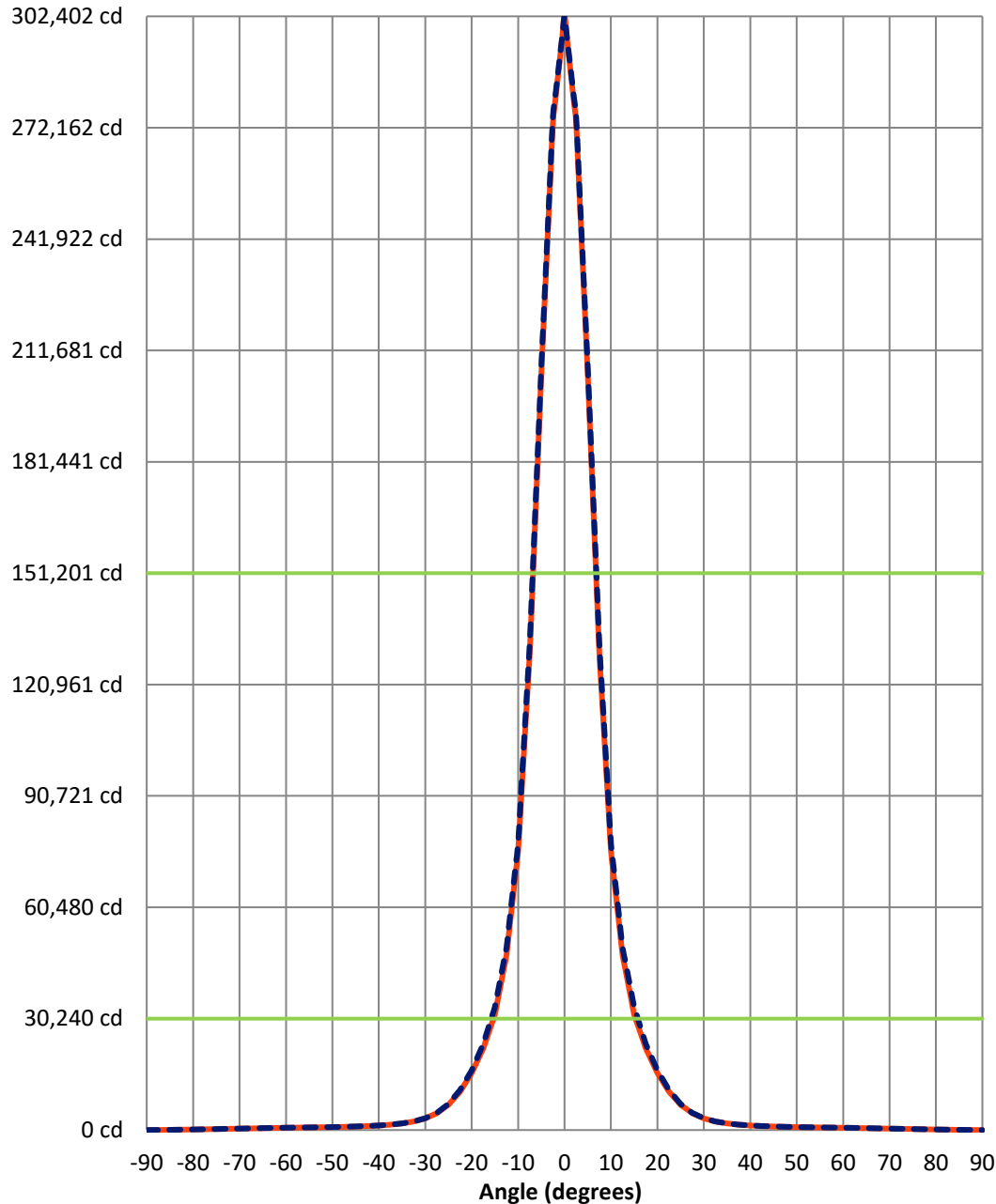
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 9493.7
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 21364.7
 Efficiency: 66.5%

Spill:
 Lumens: 10745.9
 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	1.0	2.3	3.4	4.5	5.6	6.7	7.8	8.9	9.9	10.9
85°	0.0	2.0	4.5	6.8	9.0	11.2	13.4	15.6	17.7	19.8	21.9
82.5°	0.0	3.0	6.7	10.1	13.5	16.8	20.1	23.3	26.8	31.6	36.2
80°	0.0	3.9	8.9	13.5	17.9	22.3	27.1	33.6	40.0	46.3	52.5
77.5°	0.0	4.9	11.1	16.8	22.3	28.6	36.9	45.1	53.1	60.9	69.3
75°	0.0	5.8	13.3	20.1	27.0	36.4	46.6	56.5	66.2	77.2	88.0
72.5°	0.0	6.8	15.4	23.3	32.9	44.1	56.1	68.2	81.2	93.9	106.5
70°	0.0	7.7	17.4	26.7	38.7	51.6	65.7	81.2	95.9	110.5	126.9
67.5°	0.0	8.6	19.4	30.8	44.3	58.9	76.5	93.9	110.5	129.2	147.6
65°	0.0	9.4	21.4	34.8	49.9	66.9	87.1	106.5	126.9	147.6	169.3
62.5°	0.0	10.3	23.2	38.7	55.2	75.6	97.5	120.1	143.0	166.4	193.7
60°	0.0	11.1	25.0	42.5	60.4	84.1	107.7	133.9	158.8	187.3	217.3
57.5°	0.0	11.9	27.3	46.1	67.0	92.4	118.9	147.4	176.1	207.6	240.1
55°	0.0	12.7	29.6	49.7	73.4	100.4	129.9	160.2	193.2	227.1	262.1
52.5°	0.0	13.4	31.9	53.1	79.6	108.4	140.7	174.2	209.6	245.8	283.2
50°	0.0	14.1	34.0	56.3	85.6	117.0	151.0	187.8	225.4	263.7	303.5
47.5°	0.0	14.7	36.1	59.7	91.4	125.3	161.2	200.9	240.4	280.8	323.3
45°	0.0	15.3	38.2	63.9	96.9	133.2	171.9	213.5	254.8	298.2	342.7
42.5°	0.0	15.9	40.1	67.8	102.2	140.8	182.3	225.6	268.6	315.2	361.6
40°	0.0	16.5	42.0	71.7	107.6	148.1	192.1	237.1	282.2	331.5	379.9
37.5°	0.0	17.0	43.8	75.4	113.1	154.9	201.4	248.0	295.8	346.8	397.7
35°	0.0	17.4	45.6	79.0	118.2	161.9	210.2	258.3	308.4	361.2	414.8
32.5°	0.0	17.8	47.2	82.3	123.1	168.7	218.4	267.9	320.0	374.7	429.6
30°	0.0	18.2	48.7	85.4	127.5	175.1	226.1	277.0	330.6	387.2	443.1
27.5°	0.0	18.5	50.2	88.2	131.9	181.0	233.1	285.6	340.5	398.7	455.3
25°	0.0	18.8	51.5	90.9	135.9	186.3	239.6	293.3	349.7	408.8	466.0
22.5°	0.0	19.1	52.7	93.3	139.6	191.2	245.5	300.2	358.1	417.6	475.3
20°	0.0	19.3	53.9	95.4	142.9	195.4	250.7	306.2	365.5	425.1	483.8
17.5°	0.0	19.4	54.9	97.4	145.8	198.9	255.0	311.4	371.9	431.5	491.2
15°	0.0	19.6	55.8	99.0	148.4	201.9	258.6	316.0	377.3	436.6	497.7
12.5°	0.0	19.6	56.5	100.5	150.5	204.2	261.4	320.2	381.9	440.6	503.0
10°	0.0	19.7	57.1	101.6	152.3	205.9	263.6	323.7	385.4	444.9	508.2
7.5°	0.0	19.7	57.6	102.5	153.7	207.1	265.1	326.6	387.8	448.6	514.2
5°	0.0	19.6	58.0	103.2	154.7	207.7	266.0	328.7	389.1	451.3	519.0
2.5°	0.0	19.5	58.2	103.6	155.3	207.8	266.1	330.0	389.4	452.9	522.6
0°	0.0	19.4	58.3	103.7	155.5	207.3	265.6	330.4	388.7	453.5	524.8
-2.5°	0.0	19.5	58.2	103.6	155.3	207.8	266.1	330.0	389.4	452.9	522.6
-5°	0.0	19.6	58.0	103.2	154.7	207.7	266.0	328.7	389.1	451.3	519.0
-7.5°	0.0	19.7	57.6	102.5	153.7	207.1	265.1	326.6	387.8	448.6	514.2
-10°	0.0	19.7	57.1	101.6	152.3	205.9	263.6	323.7	385.4	444.9	508.2
-12.5°	0.0	19.6	56.5	100.5	150.5	204.2	261.4	320.2	381.9	440.6	503.0
-15°	0.0	19.6	55.8	99.0	148.4	201.9	258.6	316.0	377.3	436.6	497.7
-17.5°	0.0	19.4	54.9	97.4	145.8	198.9	255.0	311.4	371.9	431.5	491.2
-20°	0.0	19.3	53.9	95.4	142.9	195.4	250.7	306.2	365.5	425.1	483.8

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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	19.1	52.7	93.3	139.6	191.2	245.5	300.2	358.1	417.6	475.3
-25°	0.0	18.8	51.5	90.9	135.9	186.3	239.6	293.3	349.7	408.8	466.0
-27.5°	0.0	18.5	50.2	88.2	131.9	181.0	233.1	285.6	340.5	398.7	455.3
-30°	0.0	18.2	48.7	85.4	127.5	175.1	226.1	277.0	330.6	387.2	443.1
-32.5°	0.0	17.8	47.2	82.3	123.1	168.7	218.4	267.9	320.0	374.7	429.6
-35°	0.0	17.4	45.6	79.0	118.2	161.9	210.2	258.3	308.4	361.2	414.8
-37.5°	0.0	17.0	43.8	75.4	113.1	154.9	201.4	248.0	295.8	346.8	397.7
-40°	0.0	16.5	42.0	71.7	107.6	148.1	192.1	237.1	282.2	331.5	379.9
-42.5°	0.0	15.9	40.1	67.8	102.2	140.8	182.3	225.6	268.6	315.2	361.6
-45°	0.0	15.3	38.2	63.9	96.9	133.2	171.9	213.5	254.8	298.2	342.7
-47.5°	0.0	14.7	36.1	59.7	91.4	125.3	161.2	200.9	240.4	280.8	323.3
-50°	0.0	14.1	34.0	56.3	85.6	117.0	151.0	187.8	225.4	263.7	303.5
-52.5°	0.0	13.4	31.9	53.1	79.6	108.4	140.7	174.2	209.6	245.8	283.2
-55°	0.0	12.7	29.6	49.7	73.4	100.4	129.9	160.2	193.2	227.1	262.1
-57.5°	0.0	11.9	27.3	46.1	67.0	92.4	118.9	147.4	176.1	207.6	240.1
-60°	0.0	11.1	25.0	42.5	60.4	84.1	107.7	133.9	158.8	187.3	217.3
-62.5°	0.0	10.3	23.2	38.7	55.2	75.6	97.5	120.1	143.0	166.4	193.7
-65°	0.0	9.4	21.4	34.8	49.9	66.9	87.1	106.5	126.9	147.6	169.3
-67.5°	0.0	8.6	19.4	30.8	44.3	58.9	76.5	93.9	110.5	129.2	147.6
-70°	0.0	7.7	17.4	26.7	38.7	51.6	65.7	81.2	95.9	110.5	126.9
-72.5°	0.0	6.8	15.4	23.3	32.9	44.1	56.1	68.2	81.2	93.9	106.5
-75°	0.0	5.8	13.3	20.1	27.0	36.4	46.6	56.5	66.2	77.2	88.0
-77.5°	0.0	4.9	11.1	16.8	22.3	28.6	36.9	45.1	53.1	60.9	69.3
-80°	0.0	3.9	8.9	13.5	17.9	22.3	27.1	33.6	40.0	46.3	52.5
-82.5°	0.0	3.0	6.7	10.1	13.5	16.8	20.1	23.3	26.8	31.6	36.2
-85°	0.0	2.0	4.5	6.8	9.0	11.2	13.4	15.6	17.7	19.8	21.9
-87.5°	0.0	1.0	2.3	3.4	4.5	5.6	6.7	7.8	8.9	9.9	10.9
-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°	12.0	12.9	13.9	14.9	15.8	16.6	17.5	18.3	19.1	19.8	20.5
85°	23.9	25.9	28.8	31.6	34.0	36.1	37.8	39.3	42.0	44.8	47.7
82.5°	40.8	45.2	49.6	53.8	56.7	59.0	61.3	64.6	70.3	75.8	80.8
80°	58.6	64.5	71.2	77.8	83.4	89.0	94.9	100.9	107.2	113.1	118.8
77.5°	78.1	86.8	95.2	103.4	111.6	120.4	129.0	137.2	145.0	152.5	159.7
75°	98.6	108.9	120.3	131.6	142.6	153.2	163.6	174.7	185.3	195.5	205.1
72.5°	120.1	133.9	147.4	160.6	174.8	188.7	202.1	215.1	227.7	240.9	254.8
70°	143.0	158.8	176.4	193.2	209.0	225.7	242.3	256.6	270.2	288.4	307.0
67.5°	166.6	187.9	207.7	226.7	247.8	267.4	284.3	302.5	321.9	342.9	361.3
65°	194.4	217.5	240.6	264.5	289.0	309.3	330.5	353.0	375.0	395.9	415.9
62.5°	221.8	247.9	274.4	300.6	325.6	350.0	375.6	400.7	424.8	449.3	470.7
60°	248.2	277.8	305.8	333.1	361.5	391.9	420.3	448.0	477.0	504.6	519.0
57.5°	273.7	305.4	334.6	365.2	398.6	432.9	462.7	494.2	519.0	538.1	556.8
55°	297.6	330.6	362.6	397.1	433.4	469.0	502.2	530.2	553.1	570.7	590.5
52.5°	320.1	354.8	389.7	427.4	465.9	503.9	538.6	564.8	585.4	603.4	622.0
50°	342.1	378.6	415.5	456.8	498.1	538.5	572.4	596.5	615.9	634.3	653.4
47.5°	363.8	402.1	441.8	485.8	530.5	569.5	601.7	623.7	643.3	665.0	685.9
45°	385.0	426.5	468.6	515.8	560.7	598.3	625.7	647.7	672.0	695.4	717.7
42.5°	405.8	450.5	496.1	545.0	588.5	622.4	647.9	674.0	700.1	725.0	750.3
40°	426.7	473.5	521.9	570.6	614.3	643.6	670.7	698.7	727.5	754.5	782.6
37.5°	446.8	495.3	545.1	594.3	634.0	663.7	691.8	722.7	753.1	782.6	819.1
35°	465.9	515.0	565.2	612.9	651.2	681.8	713.3	745.8	777.7	815.9	857.5
32.5°	482.9	532.8	583.7	628.1	665.5	698.6	733.8	767.8	806.1	849.3	899.2
30°	497.3	548.3	599.4	642.7	679.3	714.3	752.5	790.1	834.8	886.8	946.1
27.5°	509.9	562.2	611.9	655.3	692.5	727.3	767.6	814.9	866.3	924.5	994.2
25°	521.7	576.3	623.7	666.8	703.0	739.4	782.5	834.9	896.6	966.8	1052.2
22.5°	532.8	589.8	635.7	677.7	711.2	750.6	799.1	856.0	923.2	1005.5	1109.4
20°	543.4	599.9	645.3	686.3	717.4	760.3	813.7	874.5	950.9	1049.0	1169.2
17.5°	553.2	608.6	652.8	691.4	725.5	770.6	826.6	889.6	974.9	1088.5	1224.1
15°	562.2	615.8	658.8	695.5	732.7	781.5	840.0	908.3	1001.5	1126.2	1272.7
12.5°	570.0	621.7	663.5	698.6	738.5	790.4	852.0	927.8	1030.1	1163.2	1334.5
10°	576.7	626.2	666.7	700.8	742.9	797.2	862.0	943.6	1052.9	1191.9	1381.9
7.5°	582.5	629.8	668.9	702.0	745.7	802.0	869.7	955.7	1068.8	1212.3	1416.2
5°	586.5	632.6	671.6	706.1	750.1	805.7	875.4	964.0	1078.2	1224.4	1437.5
2.5°	588.8	634.3	673.3	709.9	754.8	808.9	879.7	973.1	1085.8	1236.2	1453.8
0°	589.6	634.9	673.8	712.7	758.0	809.9	881.1	978.3	1088.5	1244.0	1464.3
-2.5°	588.8	634.3	673.3	709.9	754.8	808.9	879.7	973.1	1085.8	1236.2	1453.8
-5°	586.5	632.6	671.6	706.1	750.1	805.7	875.4	964.0	1078.2	1224.4	1437.5
-7.5°	582.5	629.8	668.9	702.0	745.7	802.0	869.7	955.7	1068.8	1212.3	1416.2
-10°	576.7	626.2	666.7	700.8	742.9	797.2	862.0	943.6	1052.9	1191.9	1381.9
-12.5°	570.0	621.7	663.5	698.6	738.5	790.4	852.0	927.8	1030.1	1163.2	1334.5
-15°	562.2	615.8	658.8	695.5	732.7	781.5	840.0	908.3	1001.5	1126.2	1272.7
-17.5°	553.2	608.6	652.8	691.4	725.5	770.6	826.6	889.6	974.9	1088.5	1224.1
-20°	543.4	599.9	645.3	686.3	717.4	760.3	813.7	874.5	950.9	1049.0	1169.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627459 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-735-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°	532.8	589.8	635.7	677.7	711.2	750.6	799.1	856.0	923.2	1005.5	1109.4
-25°	521.7	576.3	623.7	666.8	703.0	739.4	782.5	834.9	896.6	966.8	1052.2
-27.5°	509.9	562.2	611.9	655.3	692.5	727.3	767.6	814.9	866.3	924.5	994.2
-30°	497.3	548.3	599.4	642.7	679.3	714.3	752.5	790.1	834.8	886.8	946.1
-32.5°	482.9	532.8	583.7	628.1	665.5	698.6	733.8	767.8	806.1	849.3	899.2
-35°	465.9	515.0	565.2	612.9	651.2	681.8	713.3	745.8	777.7	815.9	857.5
-37.5°	446.8	495.3	545.1	594.3	634.0	663.7	691.8	722.7	753.1	782.6	819.1
-40°	426.7	473.5	521.9	570.6	614.3	643.6	670.7	698.7	727.5	754.5	782.6
-42.5°	405.8	450.5	496.1	545.0	588.5	622.4	647.9	674.0	700.1	725.0	750.3
-45°	385.0	426.5	468.6	515.8	560.7	598.3	625.7	647.7	672.0	695.4	717.7
-47.5°	363.8	402.1	441.8	485.8	530.5	569.5	601.7	623.7	643.3	665.0	685.9
-50°	342.1	378.6	415.5	456.8	498.1	538.5	572.4	596.5	615.9	634.3	653.4
-52.5°	320.1	354.8	389.7	427.4	465.9	503.9	538.6	564.8	585.4	603.4	622.0
-55°	297.6	330.6	362.6	397.1	433.4	469.0	502.2	530.2	553.1	570.7	590.5
-57.5°	273.7	305.4	334.6	365.2	398.6	432.9	462.7	494.2	519.0	538.1	556.8
-60°	248.2	277.8	305.8	333.1	361.5	391.9	420.3	448.0	477.0	504.6	519.0
-62.5°	221.8	247.9	274.4	300.6	325.6	350.0	375.6	400.7	424.8	449.3	470.7
-65°	194.4	217.5	240.6	264.5	289.0	309.3	330.5	353.0	375.0	395.9	415.9
-67.5°	166.6	187.9	207.7	226.7	247.8	267.4	284.3	302.5	321.9	342.9	361.3
-70°	143.0	158.8	176.4	193.2	209.0	225.7	242.3	256.6	270.2	288.4	307.0
-72.5°	120.1	133.9	147.4	160.6	174.8	188.7	202.1	215.1	227.7	240.9	254.8
-75°	98.6	108.9	120.3	131.6	142.6	153.2	163.6	174.7	185.3	195.5	205.1
-77.5°	78.1	86.8	95.2	103.4	111.6	120.4	129.0	137.2	145.0	152.5	159.7
-80°	58.6	64.5	71.2	77.8	83.4	89.0	94.9	100.9	107.2	113.1	118.8
-82.5°	40.8	45.2	49.6	53.8	56.7	59.0	61.3	64.6	70.3	75.8	80.8
-85°	23.9	25.9	28.8	31.6	34.0	36.1	37.8	39.3	42.0	44.8	47.7
-87.5°	12.0	12.9	13.9	14.9	15.8	16.6	17.5	18.3	19.1	19.8	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: P627459 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-735-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°	21.2	21.8	22.4	23.0	23.5	23.9	24.3	24.7	25.0	23.7	22.3
85°	50.7	52.6	54.4	56.0	57.5	58.9	60.1	61.2	62.1	61.4	60.4
82.5°	85.3	88.7	91.8	94.7	97.3	99.7	101.9	103.8	105.4	105.3	104.9
80°	124.2	129.7	135.3	140.9	146.3	149.6	152.0	153.8	155.0	155.5	155.7
77.5°	167.0	175.5	184.5	193.3	201.9	206.9	210.5	213.4	215.8	216.3	215.8
75°	214.2	225.4	237.6	248.3	257.5	263.2	267.2	270.5	273.2	273.9	273.6
72.5°	269.3	283.0	294.0	303.0	310.8	317.0	321.9	326.1	329.5	330.9	331.1
70°	323.4	336.9	347.3	356.5	364.2	370.6	376.5	381.6	385.8	388.8	391.1
67.5°	378.2	393.7	404.4	412.7	419.3	425.9	433.8	440.6	446.4	450.2	452.1
65°	434.5	450.5	460.8	469.9	477.9	486.3	495.1	501.6	505.8	508.4	510.2
62.5°	489.1	503.9	516.9	529.0	540.5	550.1	556.2	561.6	566.2	570.1	573.0
60°	535.9	554.9	569.4	580.9	592.2	603.1	610.5	616.4	621.0	624.4	626.5
57.5°	575.9	595.2	612.3	623.5	635.8	648.9	657.4	662.4	666.9	670.8	672.6
55°	610.8	628.6	644.4	659.7	673.5	685.3	694.4	701.0	706.6	711.1	712.5
52.5°	642.2	661.7	680.2	696.5	710.0	721.2	730.2	738.5	744.8	749.1	751.0
50°	675.3	696.2	716.0	733.8	747.7	760.3	771.6	781.3	790.6	797.9	803.2
47.5°	707.7	730.0	751.9	771.5	788.2	806.5	822.8	836.7	850.2	861.2	868.8
45°	740.5	766.2	790.1	815.4	837.9	861.8	884.0	903.2	922.8	937.7	947.7
42.5°	776.9	806.1	834.8	866.3	897.0	928.1	961.8	991.8	1015.0	1036.8	1054.4
40°	815.9	849.3	886.8	925.3	970.6	1011.7	1057.0	1095.9	1130.9	1168.1	1197.5
37.5°	857.5	899.2	948.4	1000.0	1058.7	1114.9	1174.0	1232.0	1282.7	1342.4	1388.1
35°	903.4	959.2	1019.8	1089.6	1162.6	1243.2	1324.0	1417.3	1497.7	1586.0	1663.0
32.5°	957.8	1024.4	1103.9	1196.0	1289.8	1412.1	1526.4	1675.0	1803.4	1943.7	2084.9
30°	1013.7	1100.8	1203.5	1319.5	1468.5	1636.7	1824.2	2045.3	2273.2	2493.6	2759.6
27.5°	1083.1	1188.2	1312.5	1481.9	1701.3	1928.6	2251.1	2582.9	3001.7	3348.2	3836.6
25°	1155.2	1278.8	1455.4	1685.9	1972.3	2366.8	2856.0	3386.3	4123.3	4770.8	5530.2
22.5°	1233.6	1400.5	1620.2	1904.8	2338.9	2944.6	3685.4	4683.6	5770.6	6924.7	8072.7
20°	1315.3	1517.2	1805.3	2217.6	2813.4	3633.6	4905.4	6446.4	7999.3	9903.5	11589.8
17.5°	1409.9	1667.0	2021.9	2537.6	3332.6	4589.1	6353.3	8504.7	10913.9	13651.8	16082.8
15°	1488.8	1795.3	2243.2	2964.7	4058.2	5671.7	7896.5	10856.1	14476.5	18153.7	21884.5
12.5°	1580.3	1934.8	2460.9	3321.3	4694.6	6839.0	9867.3	13613.3	18134.8	23235.3	29248.0
10°	1661.6	2071.8	2725.8	3790.8	5469.1	8056.3	11731.6	16238.2	22073.3	29411.7	38722.9
7.5°	1721.8	2180.8	2930.4	4148.1	6138.7	9226.7	13493.0	19112.7	26527.1	36217.4	48996.3
5°	1760.9	2259.8	3075.1	4423.9	6662.8	10097.8	14783.8	21151.5	30096.5	43801.7	65441.1
2.5°	1784.3	2306.5	3157.7	4585.6	6981.5	10674.9	15766.0	22693.2	32409.7	48488.8	76018.1
0°	1794.7	2319.5	3207.1	4671.4	7088.1	10897.7	16217.0	23395.8	33444.7	49584.0	77877.9
-2.5°	1784.3	2306.5	3157.7	4585.6	6981.5	10674.9	15766.0	22693.2	32409.7	48488.8	76018.1
-5°	1760.9	2259.8	3075.1	4423.9	6662.8	10097.8	14783.8	21151.5	30096.5	43801.7	65441.1
-7.5°	1721.8	2180.8	2930.4	4148.1	6138.7	9226.7	13493.0	19112.7	26527.1	36217.4	48996.3
-10°	1661.6	2071.8	2725.8	3790.8	5469.1	8056.3	11731.6	16238.2	22073.3	29411.7	38722.9
-12.5°	1580.3	1934.8	2460.9	3321.3	4694.6	6839.0	9867.3	13613.3	18134.8	23235.3	29248.0
-15°	1488.8	1795.3	2243.2	2964.7	4058.2	5671.7	7896.5	10856.1	14476.5	18153.7	21884.5
-17.5°	1409.9	1667.0	2021.9	2537.6	3332.6	4589.1	6353.3	8504.7	10913.9	13651.8	16082.8
-20°	1315.3	1517.2	1805.3	2217.6	2813.4	3633.6	4905.4	6446.4	7999.3	9903.5	11589.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627459 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1233.6	1400.5	1620.2	1904.8	2338.9	2944.6	3685.4	4683.6	5770.6	6924.7	8072.7
-25°	1155.2	1278.8	1455.4	1685.9	1972.3	2366.8	2856.0	3386.3	4123.3	4770.8	5530.2
-27.5°	1083.1	1188.2	1312.5	1481.9	1701.3	1928.6	2251.1	2582.9	3001.7	3348.2	3836.6
-30°	1013.7	1100.8	1203.5	1319.5	1468.5	1636.7	1824.2	2045.3	2273.2	2493.6	2759.6
-32.5°	957.8	1024.4	1103.9	1196.0	1289.8	1412.1	1526.4	1675.0	1803.4	1943.7	2084.9
-35°	903.4	959.2	1019.8	1089.6	1162.6	1243.2	1324.0	1417.3	1497.7	1586.0	1663.0
-37.5°	857.5	899.2	948.4	1000.0	1058.7	1114.9	1174.0	1232.0	1282.7	1342.4	1388.1
-40°	815.9	849.3	886.8	925.3	970.6	1011.7	1057.0	1095.9	1130.9	1168.1	1197.5
-42.5°	776.9	806.1	834.8	866.3	897.0	928.1	961.8	991.8	1015.0	1036.8	1054.4
-45°	740.5	766.2	790.1	815.4	837.9	861.8	884.0	903.2	922.8	937.7	947.7
-47.5°	707.7	730.0	751.9	771.5	788.2	806.5	822.8	836.7	850.2	861.2	868.8
-50°	675.3	696.2	716.0	733.8	747.7	760.3	771.6	781.3	790.6	797.9	803.2
-52.5°	642.2	661.7	680.2	696.5	710.0	721.2	730.2	738.5	744.8	749.1	751.0
-55°	610.8	628.6	644.4	659.7	673.5	685.3	694.4	701.0	706.6	711.1	712.5
-57.5°	575.9	595.2	612.3	623.5	635.8	648.9	657.4	662.4	666.9	670.8	672.6
-60°	535.9	554.9	569.4	580.9	592.2	603.1	610.5	616.4	621.0	624.4	626.5
-62.5°	489.1	503.9	516.9	529.0	540.5	550.1	556.2	561.6	566.2	570.1	573.0
-65°	434.5	450.5	460.8	469.9	477.9	486.3	495.1	501.6	505.8	508.4	510.2
-67.5°	378.2	393.7	404.4	412.7	419.3	425.9	433.8	440.6	446.4	450.2	452.1
-70°	323.4	336.9	347.3	356.5	364.2	370.6	376.5	381.6	385.8	388.8	391.1
-72.5°	269.3	283.0	294.0	303.0	310.8	317.0	321.9	326.1	329.5	330.9	331.1
-75°	214.2	225.4	237.6	248.3	257.5	263.2	267.2	270.5	273.2	273.9	273.6
-77.5°	167.0	175.5	184.5	193.3	201.9	206.9	210.5	213.4	215.8	216.3	215.8
-80°	124.2	129.7	135.3	140.9	146.3	149.6	152.0	153.8	155.0	155.5	155.7
-82.5°	85.3	88.7	91.8	94.7	97.3	99.7	101.9	103.8	105.4	105.3	104.9
-85°	50.7	52.6	54.4	56.0	57.5	58.9	60.1	61.2	62.1	61.4	60.4
-87.5°	21.2	21.8	22.4	23.0	23.5	23.9	24.3	24.7	25.0	23.7	22.3
-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: P627459 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-735-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°	20.8	19.3	19.4	19.4	19.4	19.3	20.8	22.3	23.7	25.0	24.7
85°	59.3	58.0	58.2	58.3	58.2	58.0	59.3	60.4	61.4	62.1	61.2
82.5°	104.2	103.2	103.6	103.7	103.6	103.2	104.2	104.9	105.3	105.4	103.8
80°	155.4	154.8	152.1	149.0	152.1	154.8	155.4	155.7	155.5	155.0	153.8
77.5°	214.7	212.8	210.3	207.3	210.3	212.8	214.7	215.8	216.3	215.8	213.4
75°	272.6	271.0	271.7	272.1	271.7	271.0	272.6	273.6	273.9	273.2	270.5
72.5°	330.5	329.1	330.0	330.4	330.0	329.1	330.5	331.1	330.9	329.5	326.1
70°	392.7	393.4	391.7	388.7	391.7	393.4	392.7	391.1	388.8	385.8	381.6
67.5°	452.6	451.9	450.0	447.1	450.0	451.9	452.6	452.1	450.2	446.4	440.6
65°	510.7	510.1	511.2	511.8	511.2	510.1	510.7	510.2	508.4	505.8	501.6
62.5°	574.5	574.5	573.1	570.2	573.1	574.5	574.5	573.0	570.1	566.2	561.6
60°	627.3	626.9	625.1	622.0	625.1	626.9	627.3	626.5	624.4	621.0	616.4
57.5°	673.2	672.5	670.5	667.3	670.5	672.5	673.2	672.6	670.8	666.9	662.4
55°	712.7	711.8	709.6	706.2	709.6	711.8	712.7	712.5	711.1	706.6	701.0
52.5°	751.5	750.7	750.9	751.6	750.9	750.7	751.5	751.0	749.1	744.8	738.5
50°	806.5	807.6	806.6	803.4	806.6	807.6	806.5	803.2	797.9	790.6	781.3
47.5°	872.4	872.9	871.3	868.2	871.3	872.9	872.4	868.8	861.2	850.2	836.7
45°	955.6	960.3	961.5	958.9	961.5	960.3	955.6	947.7	937.7	922.8	903.2
42.5°	1068.0	1075.4	1077.5	1075.5	1077.5	1075.4	1068.0	1054.4	1036.8	1015.0	991.8
40°	1215.7	1224.1	1225.7	1224.5	1225.7	1224.1	1215.7	1197.5	1168.1	1130.9	1095.9
37.5°	1420.1	1440.6	1450.2	1451.3	1450.2	1440.6	1420.1	1388.1	1342.4	1282.7	1232.0
35°	1721.7	1762.4	1784.2	1794.7	1784.2	1762.4	1721.7	1663.0	1586.0	1497.7	1417.3
32.5°	2191.9	2273.4	2318.5	2313.0	2318.5	2273.4	2191.9	2084.9	1943.7	1803.4	1675.0
30°	2960.1	3102.5	3174.2	3155.3	3174.2	3102.5	2960.1	2759.6	2493.6	2273.2	2045.3
27.5°	4187.4	4444.9	4593.8	4574.2	4593.8	4444.9	4187.4	3836.6	3348.2	3001.7	2582.9
25°	6164.9	6634.9	6935.8	6861.3	6935.8	6634.9	6164.9	5530.2	4770.8	4123.3	3386.3
22.5°	9173.2	9969.3	10496.2	10431.2	10496.2	9969.3	9173.2	8072.7	6924.7	5770.6	4683.6
20°	13299.7	14511.4	15376.7	15491.3	15376.7	14511.4	13299.7	11589.8	9903.5	7999.3	6446.4
17.5°	18708.7	20630.0	21967.4	22190.7	21967.4	20630.0	18708.7	16082.8	13651.8	10913.9	8504.7
15°	25738.5	28878.8	31151.5	31339.0	31151.5	28878.8	25738.5	21884.5	18153.7	14476.5	10856.1
12.5°	35283.9	41599.9	45721.9	47536.6	45721.9	41599.9	35283.9	29248.0	23235.3	18134.8	13613.3
10°	48494.2	63001.6	72292.4	75785.1	72292.4	63001.6	48494.2	38722.9	29411.7	22073.3	16238.2
7.5°	70559.4	93336.4	118658.5	129450.9	118658.5	93336.4	70559.4	48996.3	36217.4	26527.1	19112.7
5°	95546.5	142817.9	187781.5	205339.7	187781.5	142817.9	95546.5	65441.1	43801.7	30096.5	21151.5
2.5°	121839.4	187728.9	249472.4	273618.9	249472.4	187728.9	121839.4	76018.1	48488.8	32409.7	22693.2
0°	132107.3	207393.5	275326.1	302401.9	275326.1	207393.5	132107.3	77877.9	49584.0	33444.7	23395.8
-2.5°	121839.4	187728.9	249472.4	273618.9	249472.4	187728.9	121839.4	76018.1	48488.8	32409.7	22693.2
-5°	95546.5	142817.9	187781.5	205339.7	187781.5	142817.9	95546.5	65441.1	43801.7	30096.5	21151.5
-7.5°	70559.4	93336.4	118658.5	129450.9	118658.5	93336.4	70559.4	48996.3	36217.4	26527.1	19112.7
-10°	48494.2	63001.6	72292.4	75785.1	72292.4	63001.6	48494.2	38722.9	29411.7	22073.3	16238.2
-12.5°	35283.9	41599.9	45721.9	47536.6	45721.9	41599.9	35283.9	29248.0	23235.3	18134.8	13613.3
-15°	25738.5	28878.8	31151.5	31339.0	31151.5	28878.8	25738.5	21884.5	18153.7	14476.5	10856.1
-17.5°	18708.7	20630.0	21967.4	22190.7	21967.4	20630.0	18708.7	16082.8	13651.8	10913.9	8504.7
-20°	13299.7	14511.4	15376.7	15491.3	15376.7	14511.4	13299.7	11589.8	9903.5	7999.3	6446.4



REPORT NUMBER: P627459 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-735-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°	9173.2	9969.3	10496.2	10431.2	10496.2	9969.3	9173.2	8072.7	6924.7	5770.6	4683.6
-25°	6164.9	6634.9	6935.8	6861.3	6935.8	6634.9	6164.9	5530.2	4770.8	4123.3	3386.3
-27.5°	4187.4	4444.9	4593.8	4574.2	4593.8	4444.9	4187.4	3836.6	3348.2	3001.7	2582.9
-30°	2960.1	3102.5	3174.2	3155.3	3174.2	3102.5	2960.1	2759.6	2493.6	2273.2	2045.3
-32.5°	2191.9	2273.4	2318.5	2313.0	2318.5	2273.4	2191.9	2084.9	1943.7	1803.4	1675.0
-35°	1721.7	1762.4	1784.2	1794.7	1784.2	1762.4	1721.7	1663.0	1586.0	1497.7	1417.3
-37.5°	1420.1	1440.6	1450.2	1451.3	1450.2	1440.6	1420.1	1388.1	1342.4	1282.7	1232.0
-40°	1215.7	1224.1	1225.7	1224.5	1225.7	1224.1	1215.7	1197.5	1168.1	1130.9	1095.9
-42.5°	1068.0	1075.4	1077.5	1075.5	1077.5	1075.4	1068.0	1054.4	1036.8	1015.0	991.8
-45°	955.6	960.3	961.5	958.9	961.5	960.3	955.6	947.7	937.7	922.8	903.2
-47.5°	872.4	872.9	871.3	868.2	871.3	872.9	872.4	868.8	861.2	850.2	836.7
-50°	806.5	807.6	806.6	803.4	806.6	807.6	806.5	803.2	797.9	790.6	781.3
-52.5°	751.5	750.7	750.9	751.6	750.9	750.7	751.5	751.0	749.1	744.8	738.5
-55°	712.7	711.8	709.6	706.2	709.6	711.8	712.7	712.5	711.1	706.6	701.0
-57.5°	673.2	672.5	670.5	667.3	670.5	672.5	673.2	672.6	670.8	666.9	662.4
-60°	627.3	626.9	625.1	622.0	625.1	626.9	627.3	626.5	624.4	621.0	616.4
-62.5°	574.5	574.5	573.1	570.2	573.1	574.5	574.5	573.0	570.1	566.2	561.6
-65°	510.7	510.1	511.2	511.8	511.2	510.1	510.7	510.2	508.4	505.8	501.6
-67.5°	452.6	451.9	450.0	447.1	450.0	451.9	452.6	452.1	450.2	446.4	440.6
-70°	392.7	393.4	391.7	388.7	391.7	393.4	392.7	391.1	388.8	385.8	381.6
-72.5°	330.5	329.1	330.0	330.4	330.0	329.1	330.5	331.1	330.9	329.5	326.1
-75°	272.6	271.0	271.7	272.1	271.7	271.0	272.6	273.6	273.9	273.2	270.5
-77.5°	214.7	212.8	210.3	207.3	210.3	212.8	214.7	215.8	216.3	215.8	213.4
-80°	155.4	154.8	152.1	149.0	152.1	154.8	155.4	155.7	155.5	155.0	153.8
-82.5°	104.2	103.2	103.6	103.7	103.6	103.2	104.2	104.9	105.3	105.4	103.8
-85°	59.3	58.0	58.2	58.3	58.2	58.0	59.3	60.4	61.4	62.1	61.2
-87.5°	20.8	19.3	19.4	19.4	19.4	19.3	20.8	22.3	23.7	25.0	24.7
-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: P627459 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-735-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°	24.3	23.9	23.5	23.0	22.4	21.8	21.2	20.5	19.8	19.1	18.3
85°	60.1	58.9	57.5	56.0	54.4	52.6	50.7	47.7	44.8	42.0	39.3
82.5°	101.9	99.7	97.3	94.7	91.8	88.7	85.3	80.8	75.8	70.3	64.6
80°	152.0	149.6	146.3	140.9	135.3	129.7	124.2	118.8	113.1	107.2	100.9
77.5°	210.5	206.9	201.9	193.3	184.5	175.5	167.0	159.7	152.5	145.0	137.2
75°	267.2	263.2	257.5	248.3	237.6	225.4	214.2	205.1	195.5	185.3	174.7
72.5°	321.9	317.0	310.8	303.0	294.0	283.0	269.3	254.8	240.9	227.7	215.1
70°	376.5	370.6	364.2	356.5	347.3	336.9	323.4	307.0	288.4	270.2	256.6
67.5°	433.8	425.9	419.3	412.7	404.4	393.7	378.2	361.3	342.9	321.9	302.5
65°	495.1	486.3	477.9	469.9	460.8	450.5	434.5	415.9	395.9	375.0	353.0
62.5°	556.2	550.1	540.5	529.0	516.9	503.9	489.1	470.7	449.3	424.8	400.7
60°	610.5	603.1	592.2	580.9	569.4	554.9	535.9	519.0	504.6	477.0	448.0
57.5°	657.4	648.9	635.8	623.5	612.3	595.2	575.9	556.8	538.1	519.0	494.2
55°	694.4	685.3	673.5	659.7	644.4	628.6	610.8	590.5	570.7	553.1	530.2
52.5°	730.2	721.2	710.0	696.5	680.2	661.7	642.2	622.0	603.4	585.4	564.8
50°	771.6	760.3	747.7	733.8	716.0	696.2	675.3	653.4	634.3	615.9	596.5
47.5°	822.8	806.5	788.2	771.5	751.9	730.0	707.7	685.9	665.0	643.3	623.7
45°	884.0	861.8	837.9	815.4	790.1	766.2	740.5	717.7	695.4	672.0	647.7
42.5°	961.8	928.1	897.0	866.3	834.8	806.1	776.9	750.3	725.0	700.1	674.0
40°	1057.0	1011.7	970.6	925.3	886.8	849.3	815.9	782.6	754.5	727.5	698.7
37.5°	1174.0	1114.9	1058.7	1000.0	948.4	899.2	857.5	819.1	782.6	753.1	722.7
35°	1324.0	1243.2	1162.6	1089.6	1019.8	959.2	903.4	857.5	815.9	777.7	745.8
32.5°	1526.4	1412.1	1289.8	1196.0	1103.9	1024.4	957.8	899.2	849.3	806.1	767.8
30°	1824.2	1636.7	1468.5	1319.5	1203.5	1100.8	1013.7	946.1	886.8	834.8	790.1
27.5°	2251.1	1928.6	1701.3	1481.9	1312.5	1188.2	1083.1	994.2	924.5	866.3	814.9
25°	2856.0	2366.8	1972.3	1685.9	1455.4	1278.8	1155.2	1052.2	966.8	896.6	834.9
22.5°	3685.4	2944.6	2338.9	1904.8	1620.2	1400.5	1233.6	1109.4	1005.5	923.2	856.0
20°	4905.4	3633.6	2813.4	2217.6	1805.3	1517.2	1315.3	1169.2	1049.0	950.9	874.5
17.5°	6353.3	4589.1	3332.6	2537.6	2021.9	1667.0	1409.9	1224.1	1088.5	974.9	889.6
15°	7896.5	5671.7	4058.2	2964.7	2243.2	1795.3	1488.8	1272.7	1126.2	1001.5	908.3
12.5°	9867.3	6839.0	4694.6	3321.3	2460.9	1934.8	1580.3	1334.5	1163.2	1030.1	927.8
10°	11731.6	8056.3	5469.1	3790.8	2725.8	2071.8	1661.6	1381.9	1191.9	1052.9	943.6
7.5°	13493.0	9226.7	6138.7	4148.1	2930.4	2180.8	1721.8	1416.2	1212.3	1068.8	955.7
5°	14783.8	10097.8	6662.8	4423.9	3075.1	2259.8	1760.9	1437.5	1224.4	1078.2	964.0
2.5°	15766.0	10674.9	6981.5	4585.6	3157.7	2306.5	1784.3	1453.8	1236.2	1085.8	973.1
0°	16217.0	10897.7	7088.1	4671.4	3207.1	2319.5	1794.7	1464.3	1244.0	1088.5	978.3
-2.5°	15766.0	10674.9	6981.5	4585.6	3157.7	2306.5	1784.3	1453.8	1236.2	1085.8	973.1
-5°	14783.8	10097.8	6662.8	4423.9	3075.1	2259.8	1760.9	1437.5	1224.4	1078.2	964.0
-7.5°	13493.0	9226.7	6138.7	4148.1	2930.4	2180.8	1721.8	1416.2	1212.3	1068.8	955.7
-10°	11731.6	8056.3	5469.1	3790.8	2725.8	2071.8	1661.6	1381.9	1191.9	1052.9	943.6
-12.5°	9867.3	6839.0	4694.6	3321.3	2460.9	1934.8	1580.3	1334.5	1163.2	1030.1	927.8
-15°	7896.5	5671.7	4058.2	2964.7	2243.2	1795.3	1488.8	1272.7	1126.2	1001.5	908.3
-17.5°	6353.3	4589.1	3332.6	2537.6	2021.9	1667.0	1409.9	1224.1	1088.5	974.9	889.6
-20°	4905.4	3633.6	2813.4	2217.6	1805.3	1517.2	1315.3	1169.2	1049.0	950.9	874.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627459 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3685.4	2944.6	2338.9	1904.8	1620.2	1400.5	1233.6	1109.4	1005.5	923.2	856.0
-25°	2856.0	2366.8	1972.3	1685.9	1455.4	1278.8	1155.2	1052.2	966.8	896.6	834.9
-27.5°	2251.1	1928.6	1701.3	1481.9	1312.5	1188.2	1083.1	994.2	924.5	866.3	814.9
-30°	1824.2	1636.7	1468.5	1319.5	1203.5	1100.8	1013.7	946.1	886.8	834.8	790.1
-32.5°	1526.4	1412.1	1289.8	1196.0	1103.9	1024.4	957.8	899.2	849.3	806.1	767.8
-35°	1324.0	1243.2	1162.6	1089.6	1019.8	959.2	903.4	857.5	815.9	777.7	745.8
-37.5°	1174.0	1114.9	1058.7	1000.0	948.4	899.2	857.5	819.1	782.6	753.1	722.7
-40°	1057.0	1011.7	970.6	925.3	886.8	849.3	815.9	782.6	754.5	727.5	698.7
-42.5°	961.8	928.1	897.0	866.3	834.8	806.1	776.9	750.3	725.0	700.1	674.0
-45°	884.0	861.8	837.9	815.4	790.1	766.2	740.5	717.7	695.4	672.0	647.7
-47.5°	822.8	806.5	788.2	771.5	751.9	730.0	707.7	685.9	665.0	643.3	623.7
-50°	771.6	760.3	747.7	733.8	716.0	696.2	675.3	653.4	634.3	615.9	596.5
-52.5°	730.2	721.2	710.0	696.5	680.2	661.7	642.2	622.0	603.4	585.4	564.8
-55°	694.4	685.3	673.5	659.7	644.4	628.6	610.8	590.5	570.7	553.1	530.2
-57.5°	657.4	648.9	635.8	623.5	612.3	595.2	575.9	556.8	538.1	519.0	494.2
-60°	610.5	603.1	592.2	580.9	569.4	554.9	535.9	519.0	504.6	477.0	448.0
-62.5°	556.2	550.1	540.5	529.0	516.9	503.9	489.1	470.7	449.3	424.8	400.7
-65°	495.1	486.3	477.9	469.9	460.8	450.5	434.5	415.9	395.9	375.0	353.0
-67.5°	433.8	425.9	419.3	412.7	404.4	393.7	378.2	361.3	342.9	321.9	302.5
-70°	376.5	370.6	364.2	356.5	347.3	336.9	323.4	307.0	288.4	270.2	256.6
-72.5°	321.9	317.0	310.8	303.0	294.0	283.0	269.3	254.8	240.9	227.7	215.1
-75°	267.2	263.2	257.5	248.3	237.6	225.4	214.2	205.1	195.5	185.3	174.7
-77.5°	210.5	206.9	201.9	193.3	184.5	175.5	167.0	159.7	152.5	145.0	137.2
-80°	152.0	149.6	146.3	140.9	135.3	129.7	124.2	118.8	113.1	107.2	100.9
-82.5°	101.9	99.7	97.3	94.7	91.8	88.7	85.3	80.8	75.8	70.3	64.6
-85°	60.1	58.9	57.5	56.0	54.4	52.6	50.7	47.7	44.8	42.0	39.3
-87.5°	24.3	23.9	23.5	23.0	22.4	21.8	21.2	20.5	19.8	19.1	18.3
-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: P627459 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-735-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°	17.5	16.6	15.8	14.9	13.9	12.9	12.0	10.9	9.9	8.9	7.8
85°	37.8	36.1	34.0	31.6	28.8	25.9	23.9	21.9	19.8	17.7	15.6
82.5°	61.3	59.0	56.7	53.8	49.6	45.2	40.8	36.2	31.6	26.8	23.3
80°	94.9	89.0	83.4	77.8	71.2	64.5	58.6	52.5	46.3	40.0	33.6
77.5°	129.0	120.4	111.6	103.4	95.2	86.8	78.1	69.3	60.9	53.1	45.1
75°	163.6	153.2	142.6	131.6	120.3	108.9	98.6	88.0	77.2	66.2	56.5
72.5°	202.1	188.7	174.8	160.6	147.4	133.9	120.1	106.5	93.9	81.2	68.2
70°	242.3	225.7	209.0	193.2	176.4	158.8	143.0	126.9	110.5	95.9	81.2
67.5°	284.3	267.4	247.8	226.7	207.7	187.9	166.6	147.6	129.2	110.5	93.9
65°	330.5	309.3	289.0	264.5	240.6	217.5	194.4	169.3	147.6	126.9	106.5
62.5°	375.6	350.0	325.6	300.6	274.4	247.9	221.8	193.7	166.4	143.0	120.1
60°	420.3	391.9	361.5	333.1	305.8	277.8	248.2	217.3	187.3	158.8	133.9
57.5°	462.7	432.9	398.6	365.2	334.6	305.4	273.7	240.1	207.6	176.1	147.4
55°	502.2	469.0	433.4	397.1	362.6	330.6	297.6	262.1	227.1	193.2	160.2
52.5°	538.6	503.9	465.9	427.4	389.7	354.8	320.1	283.2	245.8	209.6	174.2
50°	572.4	538.5	498.1	456.8	415.5	378.6	342.1	303.5	263.7	225.4	187.8
47.5°	601.7	569.5	530.5	485.8	441.8	402.1	363.8	323.3	280.8	240.4	200.9
45°	625.7	598.3	560.7	515.8	468.6	426.5	385.0	342.7	298.2	254.8	213.5
42.5°	647.9	622.4	588.5	545.0	496.1	450.5	405.8	361.6	315.2	268.6	225.6
40°	670.7	643.6	614.3	570.6	521.9	473.5	426.7	379.9	331.5	282.2	237.1
37.5°	691.8	663.7	634.0	594.3	545.1	495.3	446.8	397.7	346.8	295.8	248.0
35°	713.3	681.8	651.2	612.9	565.2	515.0	465.9	414.8	361.2	308.4	258.3
32.5°	733.8	698.6	665.5	628.1	583.7	532.8	482.9	429.6	374.7	320.0	267.9
30°	752.5	714.3	679.3	642.7	599.4	548.3	497.3	443.1	387.2	330.6	277.0
27.5°	767.6	727.3	692.5	655.3	611.9	562.2	509.9	455.3	398.7	340.5	285.6
25°	782.5	739.4	703.0	666.8	623.7	576.3	521.7	466.0	408.8	349.7	293.3
22.5°	799.1	750.6	711.2	677.7	635.7	589.8	532.8	475.3	417.6	358.1	300.2
20°	813.7	760.3	717.4	686.3	645.3	599.9	543.4	483.8	425.1	365.5	306.2
17.5°	826.6	770.6	725.5	691.4	652.8	608.6	553.2	491.2	431.5	371.9	311.4
15°	840.0	781.5	732.7	695.5	658.8	615.8	562.2	497.7	436.6	377.3	316.0
12.5°	852.0	790.4	738.5	698.6	663.5	621.7	570.0	503.0	440.6	381.9	320.2
10°	862.0	797.2	742.9	700.8	666.7	626.2	576.7	508.2	444.9	385.4	323.7
7.5°	869.7	802.0	745.7	702.0	668.9	629.8	582.5	514.2	448.6	387.8	326.6
5°	875.4	805.7	750.1	706.1	671.6	632.6	586.5	519.0	451.3	389.1	328.7
2.5°	879.7	808.9	754.8	709.9	673.3	634.3	588.8	522.6	452.9	389.4	330.0
0°	881.1	809.9	758.0	712.7	673.8	634.9	589.6	524.8	453.5	388.7	330.4
-2.5°	879.7	808.9	754.8	709.9	673.3	634.3	588.8	522.6	452.9	389.4	330.0
-5°	875.4	805.7	750.1	706.1	671.6	632.6	586.5	519.0	451.3	389.1	328.7
-7.5°	869.7	802.0	745.7	702.0	668.9	629.8	582.5	514.2	448.6	387.8	326.6
-10°	862.0	797.2	742.9	700.8	666.7	626.2	576.7	508.2	444.9	385.4	323.7
-12.5°	852.0	790.4	738.5	698.6	663.5	621.7	570.0	503.0	440.6	381.9	320.2
-15°	840.0	781.5	732.7	695.5	658.8	615.8	562.2	497.7	436.6	377.3	316.0
-17.5°	826.6	770.6	725.5	691.4	652.8	608.6	553.2	491.2	431.5	371.9	311.4
-20°	813.7	760.3	717.4	686.3	645.3	599.9	543.4	483.8	425.1	365.5	306.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627459 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-735-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°	799.1	750.6	711.2	677.7	635.7	589.8	532.8	475.3	417.6	358.1	300.2
-25°	782.5	739.4	703.0	666.8	623.7	576.3	521.7	466.0	408.8	349.7	293.3
-27.5°	767.6	727.3	692.5	655.3	611.9	562.2	509.9	455.3	398.7	340.5	285.6
-30°	752.5	714.3	679.3	642.7	599.4	548.3	497.3	443.1	387.2	330.6	277.0
-32.5°	733.8	698.6	665.5	628.1	583.7	532.8	482.9	429.6	374.7	320.0	267.9
-35°	713.3	681.8	651.2	612.9	565.2	515.0	465.9	414.8	361.2	308.4	258.3
-37.5°	691.8	663.7	634.0	594.3	545.1	495.3	446.8	397.7	346.8	295.8	248.0
-40°	670.7	643.6	614.3	570.6	521.9	473.5	426.7	379.9	331.5	282.2	237.1
-42.5°	647.9	622.4	588.5	545.0	496.1	450.5	405.8	361.6	315.2	268.6	225.6
-45°	625.7	598.3	560.7	515.8	468.6	426.5	385.0	342.7	298.2	254.8	213.5
-47.5°	601.7	569.5	530.5	485.8	441.8	402.1	363.8	323.3	280.8	240.4	200.9
-50°	572.4	538.5	498.1	456.8	415.5	378.6	342.1	303.5	263.7	225.4	187.8
-52.5°	538.6	503.9	465.9	427.4	389.7	354.8	320.1	283.2	245.8	209.6	174.2
-55°	502.2	469.0	433.4	397.1	362.6	330.6	297.6	262.1	227.1	193.2	160.2
-57.5°	462.7	432.9	398.6	365.2	334.6	305.4	273.7	240.1	207.6	176.1	147.4
-60°	420.3	391.9	361.5	333.1	305.8	277.8	248.2	217.3	187.3	158.8	133.9
-62.5°	375.6	350.0	325.6	300.6	274.4	247.9	221.8	193.7	166.4	143.0	120.1
-65°	330.5	309.3	289.0	264.5	240.6	217.5	194.4	169.3	147.6	126.9	106.5
-67.5°	284.3	267.4	247.8	226.7	207.7	187.9	166.6	147.6	129.2	110.5	93.9
-70°	242.3	225.7	209.0	193.2	176.4	158.8	143.0	126.9	110.5	95.9	81.2
-72.5°	202.1	188.7	174.8	160.6	147.4	133.9	120.1	106.5	93.9	81.2	68.2
-75°	163.6	153.2	142.6	131.6	120.3	108.9	98.6	88.0	77.2	66.2	56.5
-77.5°	129.0	120.4	111.6	103.4	95.2	86.8	78.1	69.3	60.9	53.1	45.1
-80°	94.9	89.0	83.4	77.8	71.2	64.5	58.6	52.5	46.3	40.0	33.6
-82.5°	61.3	59.0	56.7	53.8	49.6	45.2	40.8	36.2	31.6	26.8	23.3
-85°	37.8	36.1	34.0	31.6	28.8	25.9	23.9	21.9	19.8	17.7	15.6
-87.5°	17.5	16.6	15.8	14.9	13.9	12.9	12.0	10.9	9.9	8.9	7.8
-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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Scaled Data Report



REPORT NUMBER: P627459 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-735-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°	6.7	5.6	4.5	3.4	2.3	1.0	0.0
85°	13.4	11.2	9.0	6.8	4.5	2.0	0.0
82.5°	20.1	16.8	13.5	10.1	6.7	3.0	0.0
80°	27.1	22.3	17.9	13.5	8.9	3.9	0.0
77.5°	36.9	28.6	22.3	16.8	11.1	4.9	0.0
75°	46.6	36.4	27.0	20.1	13.3	5.8	0.0
72.5°	56.1	44.1	32.9	23.3	15.4	6.8	0.0
70°	65.7	51.6	38.7	26.7	17.4	7.7	0.0
67.5°	76.5	58.9	44.3	30.8	19.4	8.6	0.0
65°	87.1	66.9	49.9	34.8	21.4	9.4	0.0
62.5°	97.5	75.6	55.2	38.7	23.2	10.3	0.0
60°	107.7	84.1	60.4	42.5	25.0	11.1	0.0
57.5°	118.9	92.4	67.0	46.1	27.3	11.9	0.0
55°	129.9	100.4	73.4	49.7	29.6	12.7	0.0
52.5°	140.7	108.4	79.6	53.1	31.9	13.4	0.0
50°	151.0	117.0	85.6	56.3	34.0	14.1	0.0
47.5°	161.2	125.3	91.4	59.7	36.1	14.7	0.0
45°	171.9	133.2	96.9	63.9	38.2	15.3	0.0
42.5°	182.3	140.8	102.2	67.8	40.1	15.9	0.0
40°	192.1	148.1	107.6	71.7	42.0	16.5	0.0
37.5°	201.4	154.9	113.1	75.4	43.8	17.0	0.0
35°	210.2	161.9	118.2	79.0	45.6	17.4	0.0
32.5°	218.4	168.7	123.1	82.3	47.2	17.8	0.0
30°	226.1	175.1	127.5	85.4	48.7	18.2	0.0
27.5°	233.1	181.0	131.9	88.2	50.2	18.5	0.0
25°	239.6	186.3	135.9	90.9	51.5	18.8	0.0
22.5°	245.5	191.2	139.6	93.3	52.7	19.1	0.0
20°	250.7	195.4	142.9	95.4	53.9	19.3	0.0
17.5°	255.0	198.9	145.8	97.4	54.9	19.4	0.0
15°	258.6	201.9	148.4	99.0	55.8	19.6	0.0
12.5°	261.4	204.2	150.5	100.5	56.5	19.6	0.0
10°	263.6	205.9	152.3	101.6	57.1	19.7	0.0
7.5°	265.1	207.1	153.7	102.5	57.6	19.7	0.0
5°	266.0	207.7	154.7	103.2	58.0	19.6	0.0
2.5°	266.1	207.8	155.3	103.6	58.2	19.5	0.0
0°	265.6	207.3	155.5	103.7	58.3	19.4	0.0
-2.5°	266.1	207.8	155.3	103.6	58.2	19.5	0.0
-5°	266.0	207.7	154.7	103.2	58.0	19.6	0.0
-7.5°	265.1	207.1	153.7	102.5	57.6	19.7	0.0
-10°	263.6	205.9	152.3	101.6	57.1	19.7	0.0
-12.5°	261.4	204.2	150.5	100.5	56.5	19.6	0.0
-15°	258.6	201.9	148.4	99.0	55.8	19.6	0.0
-17.5°	255.0	198.9	145.8	97.4	54.9	19.4	0.0
-20°	250.7	195.4	142.9	95.4	53.9	19.3	0.0

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CATALOG NUMBER: GFLD-SA4D-735-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	245.5	191.2	139.6	93.3	52.7	19.1	0.0
-25°	239.6	186.3	135.9	90.9	51.5	18.8	0.0
-27.5°	233.1	181.0	131.9	88.2	50.2	18.5	0.0
-30°	226.1	175.1	127.5	85.4	48.7	18.2	0.0
-32.5°	218.4	168.7	123.1	82.3	47.2	17.8	0.0
-35°	210.2	161.9	118.2	79.0	45.6	17.4	0.0
-37.5°	201.4	154.9	113.1	75.4	43.8	17.0	0.0
-40°	192.1	148.1	107.6	71.7	42.0	16.5	0.0
-42.5°	182.3	140.8	102.2	67.8	40.1	15.9	0.0
-45°	171.9	133.2	96.9	63.9	38.2	15.3	0.0
-47.5°	161.2	125.3	91.4	59.7	36.1	14.7	0.0
-50°	151.0	117.0	85.6	56.3	34.0	14.1	0.0
-52.5°	140.7	108.4	79.6	53.1	31.9	13.4	0.0
-55°	129.9	100.4	73.4	49.7	29.6	12.7	0.0
-57.5°	118.9	92.4	67.0	46.1	27.3	11.9	0.0
-60°	107.7	84.1	60.4	42.5	25.0	11.1	0.0
-62.5°	97.5	75.6	55.2	38.7	23.2	10.3	0.0
-65°	87.1	66.9	49.9	34.8	21.4	9.4	0.0
-67.5°	76.5	58.9	44.3	30.8	19.4	8.6	0.0
-70°	65.7	51.6	38.7	26.7	17.4	7.7	0.0
-72.5°	56.1	44.1	32.9	23.3	15.4	6.8	0.0
-75°	46.6	36.4	27.0	20.1	13.3	5.8	0.0
-77.5°	36.9	28.6	22.3	16.8	11.1	4.9	0.0
-80°	27.1	22.3	17.9	13.5	8.9	3.9	0.0
-82.5°	20.1	16.8	13.5	10.1	6.7	3.0	0.0
-85°	13.4	11.2	9.0	6.8	4.5	2.0	0.0
-87.5°	6.7	5.6	4.5	3.4	2.3	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)