

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: P627425 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-722-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627425 (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-SA4D-722-U-MR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N84
Light Source: (64) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

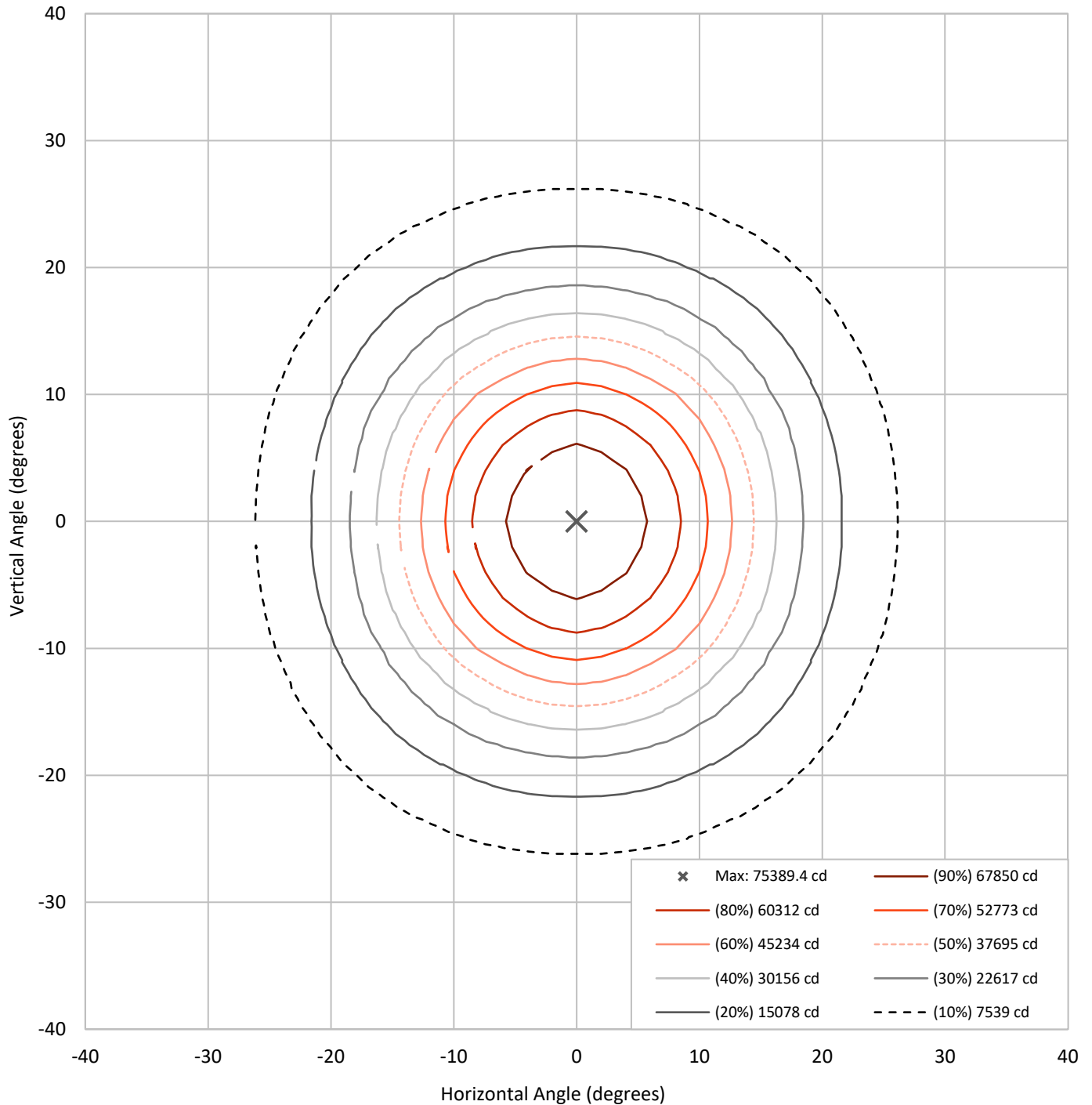
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	23554.3 lumens	Max Intensity:	75389.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	106.4 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:	11451.8 lumens	Field Lumens:	19325.9 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
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		



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Iso-Candela Plot





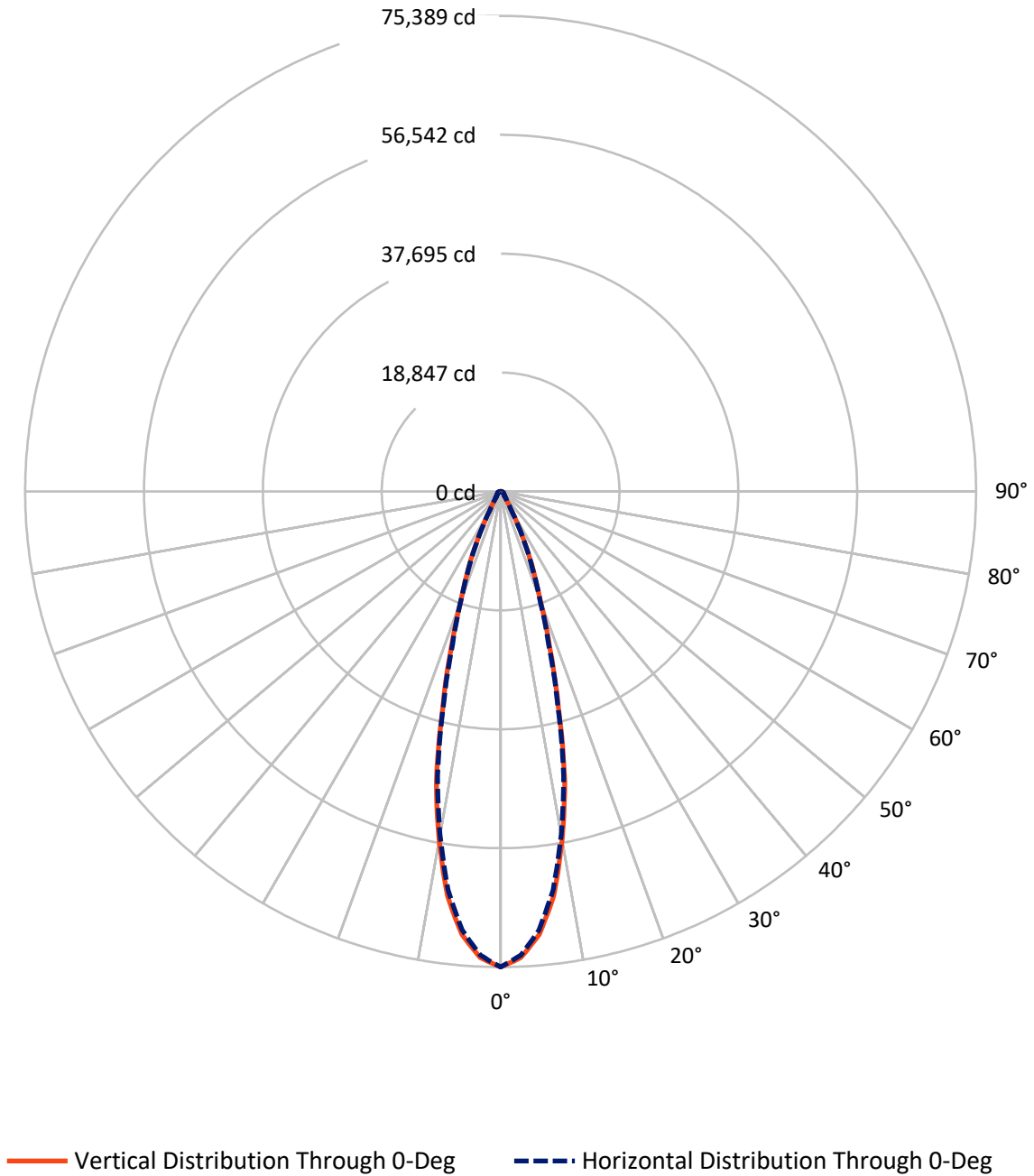
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Lumen Table

90	0.4	3.9	10.2	16.2	18.0	16.2	10.2	3.9	0.4							
80	0.4	3.9	10.2	16.2	18.0	16.2	10.2	3.9	0.4							
70	1.8	2.0	4.1	6.7	9.3	11.4	12.7	13.4	13.4	12.7	11.4	9.3	6.7	4.1	2.0	1.8
60		3.0	6.1	9.8	13.2	16.2	18.2	18.8	18.8	18.2	16.2	13.2	9.8	6.1	3.0	
50	3.1	3.9	7.8	12.1	16.1	20.4	24.0	25.8	25.8	24.0	20.4	16.1	12.1	7.8	3.9	3.1
40		4.6	9.2	14.0	19.8	28.2	40.8	53.0	53.0	40.8	28.2	19.8	14.0	9.2	4.6	
30	4.0	5.1	10.0	15.8	25.3	55.1	155.0	275.0	275.0	155.0	55.1	25.3	15.8	10.0	5.1	4.0
20		5.5	10.5	17.1	34.5	144.6	515.2	987.3	987.3	515.2	144.6	34.5	17.1	10.5	5.5	
10	4.3	5.7	10.7	18.0	43.8	249.5	953.7	1875.9	1875.9	953.7	249.5	43.8	18.0	10.7	5.7	4.3
0		5.7	10.7	18.0	43.8	249.5	953.7	1875.9	1875.9	953.7	249.5	43.8	18.0	10.7	5.7	
-10	4.0	5.5	10.5	17.1	34.5	144.6	515.2	987.3	987.3	515.2	144.6	34.5	17.1	10.5	5.5	4.0
-20		5.1	10.0	15.8	25.3	55.1	155.0	275.0	275.0	155.0	55.1	25.3	15.8	10.0	5.1	
-30	3.1	4.6	9.2	14.0	19.8	28.2	40.8	53.0	53.0	40.8	28.2	19.8	14.0	9.2	4.6	3.1
-40		3.9	7.8	12.1	16.1	20.4	24.0	25.8	25.8	24.0	20.4	16.1	12.1	7.8	3.9	
-50	1.8	3.0	6.1	9.8	13.2	16.2	18.2	18.8	18.8	18.2	16.2	13.2	9.8	6.1	3.0	1.8
-60		2.0	4.1	6.7	9.3	11.4	12.7	13.4	13.4	12.7	11.4	9.3	6.7	4.1	2.0	
-70	0.4	3.9	10.2	16.2	18.0	16.2	10.2	3.9	0.4							
-80		0.4	3.9	10.2	16.2	18.0	16.2	10.2	3.9	0.4						
-90	0.4	3.9	10.2	16.2	18.0	16.2	10.2	3.9	0.4							

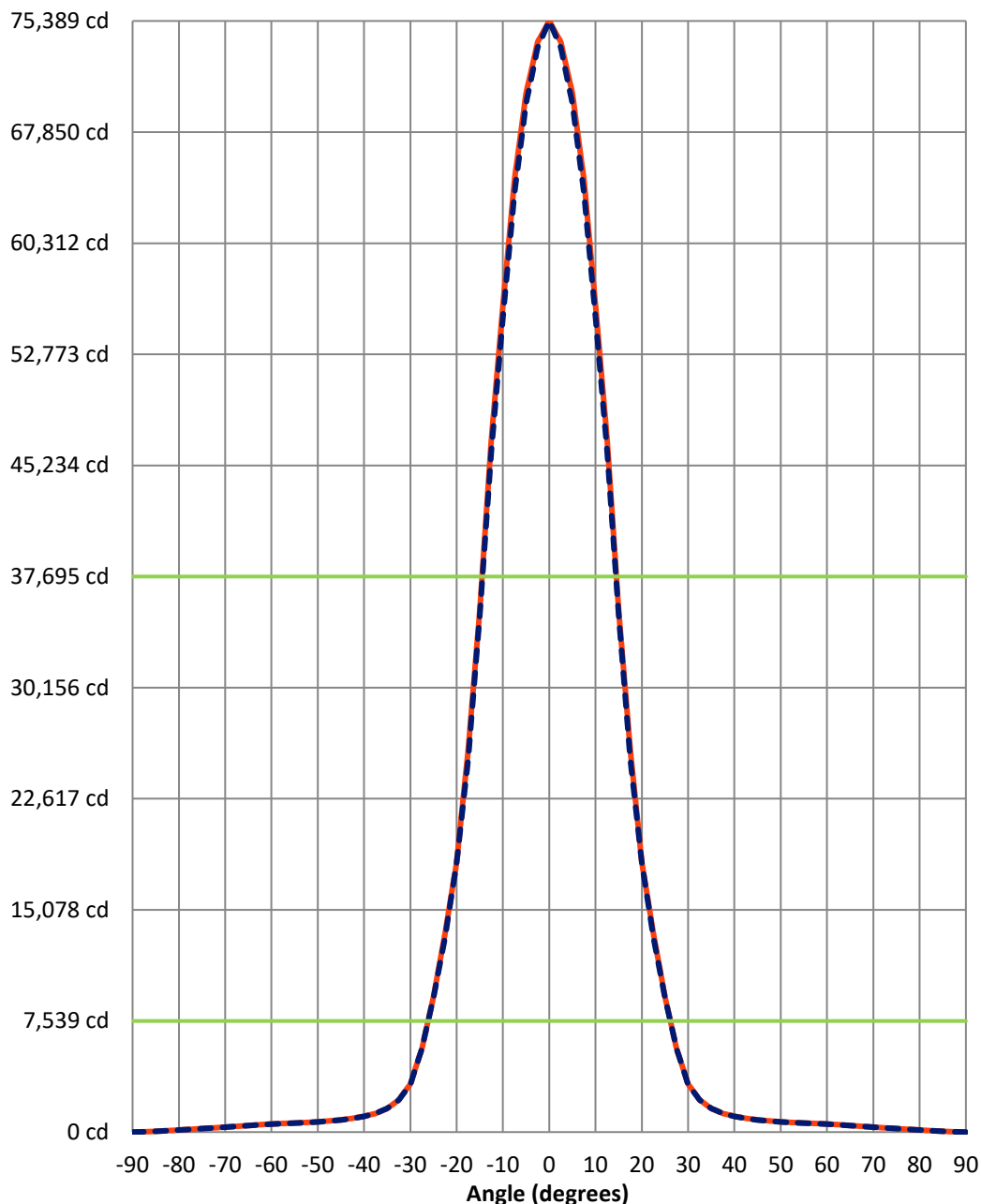
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 11451.8
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 19325.9
 Efficiency: 82.0%

Spill:
 Lumens: 4228.4
 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	0.8	1.7	2.5	3.4	4.2	5.0	5.8	6.6	7.4	8.2
85°	0.0	1.7	3.4	5.1	6.7	8.4	10.0	11.7	13.3	14.8	16.4
82.5°	0.0	2.5	5.1	7.6	10.1	12.6	15.0	17.5	20.2	24.8	29.6
80°	0.0	3.4	6.7	10.1	13.4	16.7	20.4	26.3	32.5	39.0	45.7
77.5°	0.0	4.2	8.4	12.6	16.7	21.9	29.0	36.6	44.6	52.9	62.2
75°	0.0	5.0	10.0	15.0	20.4	29.0	37.5	46.7	56.7	68.4	80.0
72.5°	0.0	5.8	11.7	17.5	26.1	36.1	45.9	57.3	71.0	84.4	97.6
70°	0.0	6.6	13.3	20.2	31.6	43.0	54.6	69.7	85.0	100.2	116.7
67.5°	0.0	7.4	14.8	24.3	37.1	49.8	65.1	81.8	98.9	117.5	135.8
65°	0.0	8.2	16.4	28.4	42.5	57.5	75.5	93.8	114.1	134.5	155.0
62.5°	0.0	9.0	17.9	32.3	47.8	66.0	85.7	106.4	128.9	151.3	174.8
60°	0.0	9.7	19.4	36.2	52.9	74.3	95.7	119.1	143.4	168.4	194.1
57.5°	0.0	10.4	21.9	40.0	59.4	82.5	106.1	131.6	157.8	184.9	213.1
55°	0.0	11.1	24.3	43.6	65.7	90.4	116.3	143.6	171.8	201.0	231.8
52.5°	0.0	11.8	26.7	47.2	71.8	98.1	126.2	155.3	185.2	217.4	250.0
50°	0.0	12.5	29.0	50.7	77.8	105.9	135.6	166.7	198.4	233.1	266.8
47.5°	0.0	13.1	31.2	54.2	83.5	113.4	144.7	177.6	211.9	248.4	282.6
45°	0.0	13.7	33.4	58.4	89.0	120.5	153.7	188.1	225.0	261.8	297.7
42.5°	0.0	14.3	35.4	62.3	94.3	127.2	162.3	198.5	237.3	274.5	311.5
40°	0.0	14.9	37.4	66.0	99.4	133.6	170.4	208.7	248.7	286.3	324.5
37.5°	0.0	15.4	39.2	69.5	104.2	139.6	178.2	218.2	258.8	297.7	336.9
35°	0.0	15.9	41.0	72.7	108.7	145.5	185.5	227.1	268.3	308.5	348.5
32.5°	0.0	16.4	42.6	75.7	112.9	151.2	192.4	235.3	277.2	318.6	359.8
30°	0.0	16.8	44.1	78.5	116.8	156.5	199.0	242.8	285.4	327.9	370.2
27.5°	0.0	17.2	45.5	81.0	120.3	161.4	205.0	249.4	293.0	336.5	379.9
25°	0.0	17.6	46.9	83.2	123.6	165.9	210.4	255.4	299.9	344.4	388.7
22.5°	0.0	17.9	48.0	85.2	126.6	169.9	215.2	260.8	306.2	351.4	397.5
20°	0.0	18.2	49.1	86.9	129.3	173.4	219.4	265.6	311.7	357.7	405.4
17.5°	0.0	18.5	50.1	88.4	131.8	176.5	223.3	269.8	316.5	363.2	412.2
15°	0.0	18.7	50.9	89.6	134.0	179.0	226.8	273.6	320.5	367.8	418.0
12.5°	0.0	18.9	51.6	90.6	135.9	181.0	229.8	277.2	324.3	371.6	422.8
10°	0.0	19.1	52.2	91.4	137.4	182.5	232.4	280.2	327.8	376.1	427.2
7.5°	0.0	19.2	52.6	91.8	138.7	183.5	234.4	282.5	330.4	380.1	432.1
5°	0.0	19.3	52.9	92.1	139.6	184.1	235.9	284.2	332.4	383.3	436.0
2.5°	0.0	19.4	53.1	92.1	140.1	184.2	236.8	285.2	333.5	385.6	438.7
0°	0.0	19.4	53.2	91.9	140.3	183.9	237.1	285.5	333.9	387.1	440.4
-2.5°	0.0	19.4	53.1	92.1	140.1	184.2	236.8	285.2	333.5	385.6	438.7
-5°	0.0	19.3	52.9	92.1	139.6	184.1	235.9	284.2	332.4	383.3	436.0
-7.5°	0.0	19.2	52.6	91.8	138.7	183.5	234.4	282.5	330.4	380.1	432.1
-10°	0.0	19.1	52.2	91.4	137.4	182.5	232.4	280.2	327.8	376.1	427.2
-12.5°	0.0	18.9	51.6	90.6	135.9	181.0	229.8	277.2	324.3	371.6	422.8
-15°	0.0	18.7	50.9	89.6	134.0	179.0	226.8	273.6	320.5	367.8	418.0
-17.5°	0.0	18.5	50.1	88.4	131.8	176.5	223.3	269.8	316.5	363.2	412.2
-20°	0.0	18.2	49.1	86.9	129.3	173.4	219.4	265.6	311.7	357.7	405.4

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA4D-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	17.9	48.0	85.2	126.6	169.9	215.2	260.8	306.2	351.4	397.5
-25°	0.0	17.6	46.9	83.2	123.6	165.9	210.4	255.4	299.9	344.4	388.7
-27.5°	0.0	17.2	45.5	81.0	120.3	161.4	205.0	249.4	293.0	336.5	379.9
-30°	0.0	16.8	44.1	78.5	116.8	156.5	199.0	242.8	285.4	327.9	370.2
-32.5°	0.0	16.4	42.6	75.7	112.9	151.2	192.4	235.3	277.2	318.6	359.8
-35°	0.0	15.9	41.0	72.7	108.7	145.5	185.5	227.1	268.3	308.5	348.5
-37.5°	0.0	15.4	39.2	69.5	104.2	139.6	178.2	218.2	258.8	297.7	336.9
-40°	0.0	14.9	37.4	66.0	99.4	133.6	170.4	208.7	248.7	286.3	324.5
-42.5°	0.0	14.3	35.4	62.3	94.3	127.2	162.3	198.5	237.3	274.5	311.5
-45°	0.0	13.7	33.4	58.4	89.0	120.5	153.7	188.1	225.0	261.8	297.7
-47.5°	0.0	13.1	31.2	54.2	83.5	113.4	144.7	177.6	211.9	248.4	282.6
-50°	0.0	12.5	29.0	50.7	77.8	105.9	135.6	166.7	198.4	233.1	266.8
-52.5°	0.0	11.8	26.7	47.2	71.8	98.1	126.2	155.3	185.2	217.4	250.0
-55°	0.0	11.1	24.3	43.6	65.7	90.4	116.3	143.6	171.8	201.0	231.8
-57.5°	0.0	10.4	21.9	40.0	59.4	82.5	106.1	131.6	157.8	184.9	213.1
-60°	0.0	9.7	19.4	36.2	52.9	74.3	95.7	119.1	143.4	168.4	194.1
-62.5°	0.0	9.0	17.9	32.3	47.8	66.0	85.7	106.4	128.9	151.3	174.8
-65°	0.0	8.2	16.4	28.4	42.5	57.5	75.5	93.8	114.1	134.5	155.0
-67.5°	0.0	7.4	14.8	24.3	37.1	49.8	65.1	81.8	98.9	117.5	135.8
-70°	0.0	6.6	13.3	20.2	31.6	43.0	54.6	69.7	85.0	100.2	116.7
-72.5°	0.0	5.8	11.7	17.5	26.1	36.1	45.9	57.3	71.0	84.4	97.6
-75°	0.0	5.0	10.0	15.0	20.4	29.0	37.5	46.7	56.7	68.4	80.0
-77.5°	0.0	4.2	8.4	12.6	16.7	21.9	29.0	36.6	44.6	52.9	62.2
-80°	0.0	3.4	6.7	10.1	13.4	16.7	20.4	26.3	32.5	39.0	45.7
-82.5°	0.0	2.5	5.1	7.6	10.1	12.6	15.0	17.5	20.2	24.8	29.6
-85°	0.0	1.7	3.4	5.1	6.7	8.4	10.0	11.7	13.3	14.8	16.4
-87.5°	0.0	0.8	1.7	2.5	3.4	4.2	5.0	5.8	6.6	7.4	8.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GFLD-SA4D-722-U-MR-XX

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°	9.0	9.7	10.4	11.1	11.8	12.5	13.1	13.7	14.3	14.9	15.4
85°	17.9	19.4	22.2	25.1	27.8	30.4	33.0	35.4	37.7	40.0	42.1
82.5°	34.2	38.6	43.0	47.2	51.2	55.2	59.0	62.7	66.2	69.5	72.7
80°	51.9	57.8	63.8	69.2	74.6	79.9	85.0	89.9	94.6	99.6	104.9
77.5°	70.6	78.2	85.1	91.4	98.2	106.4	114.4	122.0	129.4	136.4	143.0
75°	89.9	98.5	108.0	117.3	127.1	137.0	146.6	155.9	164.9	174.1	183.3
72.5°	110.2	122.0	133.4	144.5	156.7	168.8	179.8	189.9	201.3	213.8	225.2
70°	131.8	145.4	159.7	173.9	187.8	201.2	214.9	228.6	242.5	256.0	268.9
67.5°	153.5	170.5	187.1	203.2	219.0	235.0	251.2	267.9	283.9	299.2	314.1
65°	176.5	195.5	214.1	232.2	249.7	269.3	288.5	307.1	327.4	346.2	362.5
62.5°	199.0	220.3	240.8	261.2	282.6	304.3	326.5	349.9	374.0	391.4	406.4
60°	220.6	244.6	267.5	290.9	314.7	339.2	364.8	389.6	411.7	430.7	446.5
57.5°	241.7	268.6	293.9	319.4	345.4	373.2	401.4	426.7	447.3	465.6	482.9
55°	262.1	291.9	318.9	346.0	375.5	408.1	437.0	459.9	480.9	496.1	512.6
52.5°	281.6	313.4	341.6	372.0	405.8	439.6	468.3	490.6	508.2	524.0	540.1
50°	300.1	332.2	363.5	398.0	433.7	467.7	496.7	517.2	535.0	551.3	566.8
47.5°	317.0	350.3	385.7	422.6	459.9	493.4	521.3	542.2	560.5	577.3	594.4
45°	332.9	368.7	406.2	446.7	485.0	518.2	543.5	565.9	583.6	602.5	623.9
42.5°	348.1	386.3	427.2	470.2	509.3	539.7	564.3	585.7	606.1	628.9	652.7
40°	363.0	402.8	447.0	492.3	532.1	558.4	583.0	605.8	629.3	655.0	681.0
37.5°	376.9	419.7	465.6	512.8	548.8	576.2	601.6	627.0	653.4	681.0	713.4
35°	389.7	435.2	483.3	529.0	563.6	593.4	620.6	648.2	677.7	711.6	747.3
32.5°	402.2	449.3	499.9	542.7	577.1	608.9	638.9	670.1	703.9	741.2	782.0
30°	414.4	463.2	514.3	556.6	589.0	621.6	656.9	691.6	729.2	770.5	818.4
27.5°	426.3	476.0	526.4	567.5	599.6	632.7	670.6	712.7	753.8	799.1	854.6
25°	437.1	489.2	538.3	576.2	608.6	643.4	682.9	727.7	776.1	829.9	897.9
22.5°	447.4	501.1	549.6	583.6	616.2	652.7	695.2	742.6	795.1	857.5	940.6
20°	457.1	510.4	557.1	590.4	622.4	660.1	705.8	755.7	815.7	891.4	990.7
17.5°	465.5	518.2	562.3	596.0	629.0	667.7	714.8	766.8	834.2	921.3	1038.9
15°	472.7	524.6	566.8	600.3	634.5	675.6	724.1	780.7	854.6	950.5	1080.4
12.5°	478.6	529.6	570.6	603.3	638.8	681.4	732.0	794.2	874.9	982.4	1136.4
10°	483.3	533.3	573.6	605.2	641.9	685.3	738.2	804.6	891.3	1009.0	1184.3
7.5°	487.8	536.5	575.7	606.0	643.6	687.2	742.5	812.1	903.3	1029.0	1222.5
5°	491.1	539.6	576.9	607.8	644.8	688.0	745.4	816.4	910.8	1042.2	1249.5
2.5°	493.0	541.4	576.9	609.2	644.8	688.4	748.9	818.7	919.2	1053.4	1264.9
0°	493.6	542.0	575.9	609.7	643.6	687.2	750.1	817.8	924.3	1059.8	1267.9
-2.5°	493.0	541.4	576.9	609.2	644.8	688.4	748.9	818.7	919.2	1053.4	1264.9
-5°	491.1	539.6	576.9	607.8	644.8	688.0	745.4	816.4	910.8	1042.2	1249.5
-7.5°	487.8	536.5	575.7	606.0	643.6	687.2	742.5	812.1	903.3	1029.0	1222.5
-10°	483.3	533.3	573.6	605.2	641.9	685.3	738.2	804.6	891.3	1009.0	1184.3
-12.5°	478.6	529.6	570.6	603.3	638.8	681.4	732.0	794.2	874.9	982.4	1136.4
-15°	472.7	524.6	566.8	600.3	634.5	675.6	724.1	780.7	854.6	950.5	1080.4
-17.5°	465.5	518.2	562.3	596.0	629.0	667.7	714.8	766.8	834.2	921.3	1038.9
-20°	457.1	510.4	557.1	590.4	622.4	660.1	705.8	755.7	815.7	891.4	990.7



REPORT NUMBER: P627425 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-722-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°	447.4	501.1	549.6	583.6	616.2	652.7	695.2	742.6	795.1	857.5	940.6
-25°	437.1	489.2	538.3	576.2	608.6	643.4	682.9	727.7	776.1	829.9	897.9
-27.5°	426.3	476.0	526.4	567.5	599.6	632.7	670.6	712.7	753.8	799.1	854.6
-30°	414.4	463.2	514.3	556.6	589.0	621.6	656.9	691.6	729.2	770.5	818.4
-32.5°	402.2	449.3	499.9	542.7	577.1	608.9	638.9	670.1	703.9	741.2	782.0
-35°	389.7	435.2	483.3	529.0	563.6	593.4	620.6	648.2	677.7	711.6	747.3
-37.5°	376.9	419.7	465.6	512.8	548.8	576.2	601.6	627.0	653.4	681.0	713.4
-40°	363.0	402.8	447.0	492.3	532.1	558.4	583.0	605.8	629.3	655.0	681.0
-42.5°	348.1	386.3	427.2	470.2	509.3	539.7	564.3	585.7	606.1	628.9	652.7
-45°	332.9	368.7	406.2	446.7	485.0	518.2	543.5	565.9	583.6	602.5	623.9
-47.5°	317.0	350.3	385.7	422.6	459.9	493.4	521.3	542.2	560.5	577.3	594.4
-50°	300.1	332.2	363.5	398.0	433.7	467.7	496.7	517.2	535.0	551.3	566.8
-52.5°	281.6	313.4	341.6	372.0	405.8	439.6	468.3	490.6	508.2	524.0	540.1
-55°	262.1	291.9	318.9	346.0	375.5	408.1	437.0	459.9	480.9	496.1	512.6
-57.5°	241.7	268.6	293.9	319.4	345.4	373.2	401.4	426.7	447.3	465.6	482.9
-60°	220.6	244.6	267.5	290.9	314.7	339.2	364.8	389.6	411.7	430.7	446.5
-62.5°	199.0	220.3	240.8	261.2	282.6	304.3	326.5	349.9	374.0	391.4	406.4
-65°	176.5	195.5	214.1	232.2	249.7	269.3	288.5	307.1	327.4	346.2	362.5
-67.5°	153.5	170.5	187.1	203.2	219.0	235.0	251.2	267.9	283.9	299.2	314.1
-70°	131.8	145.4	159.7	173.9	187.8	201.2	214.9	228.6	242.5	256.0	268.9
-72.5°	110.2	122.0	133.4	144.5	156.7	168.8	179.8	189.9	201.3	213.8	225.2
-75°	89.9	98.5	108.0	117.3	127.1	137.0	146.6	155.9	164.9	174.1	183.3
-77.5°	70.6	78.2	85.1	91.4	98.2	106.4	114.4	122.0	129.4	136.4	143.0
-80°	51.9	57.8	63.8	69.2	74.6	79.9	85.0	89.9	94.6	99.6	104.9
-82.5°	34.2	38.6	43.0	47.2	51.2	55.2	59.0	62.7	66.2	69.5	72.7
-85°	17.9	19.4	22.2	25.1	27.8	30.4	33.0	35.4	37.7	40.0	42.1
-87.5°	9.0	9.7	10.4	11.1	11.8	12.5	13.1	13.7	14.3	14.9	15.4
-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: P627425 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-722-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°	15.9	16.4	16.8	17.2	17.6	17.9	18.2	18.5	18.7	18.9	19.1
85°	44.1	46.0	47.7	49.3	50.8	51.2	51.3	51.2	50.9	51.6	52.2
82.5°	75.7	79.1	82.5	85.9	89.2	90.5	91.4	92.0	92.4	93.7	94.8
80°	109.9	115.3	120.2	124.7	128.7	131.5	134.0	136.4	138.6	139.5	140.0
77.5°	149.7	156.2	162.3	167.9	173.1	177.3	180.6	183.3	185.4	186.7	187.5
75°	192.5	200.7	208.0	214.8	221.1	225.5	228.5	230.8	232.3	233.9	235.2
72.5°	235.7	245.0	253.7	261.9	269.1	274.2	277.8	280.6	282.8	284.4	285.2
70°	281.1	292.3	301.9	310.2	316.7	321.5	325.3	328.4	330.8	332.4	333.2
67.5°	328.2	340.2	349.2	356.4	362.2	367.4	372.1	375.6	377.9	380.2	382.7
65°	376.2	388.3	397.5	405.2	411.3	418.0	424.0	428.6	431.5	434.3	437.1
62.5°	421.2	435.0	445.7	455.7	465.8	475.3	480.8	485.1	488.1	490.8	494.0
60°	462.2	477.9	490.9	503.0	515.3	527.7	532.8	536.8	540.5	544.1	547.3
57.5°	498.6	515.2	531.1	543.0	554.8	566.4	574.3	578.7	581.6	583.3	584.6
55°	530.3	546.9	562.7	576.4	589.2	601.1	610.0	614.2	617.4	619.5	620.7
52.5°	558.6	576.4	593.3	608.5	622.3	635.1	646.2	652.2	656.9	660.3	661.4
50°	586.4	605.7	624.0	640.3	656.4	671.7	685.8	694.0	699.8	703.3	704.4
47.5°	615.5	636.4	656.2	675.2	693.4	711.6	728.3	739.5	747.7	753.8	758.2
45°	645.8	668.3	690.2	712.6	733.6	757.0	778.2	794.4	806.4	816.8	825.2
42.5°	676.3	701.5	726.7	755.5	784.2	810.8	836.0	857.6	877.2	896.5	911.5
40°	709.4	737.0	771.5	805.6	841.0	872.0	908.7	941.7	971.9	1004.6	1031.6
37.5°	745.6	781.1	821.9	862.8	908.8	953.3	1004.7	1055.3	1099.3	1156.5	1202.4
35°	785.1	830.1	878.2	933.1	992.3	1062.3	1134.2	1218.6	1290.2	1381.0	1465.0
32.5°	829.0	881.9	944.4	1019.8	1099.8	1212.1	1317.5	1460.5	1582.7	1740.4	1912.7
30°	873.7	942.0	1027.0	1124.5	1259.8	1419.2	1605.0	1846.8	2108.3	2378.8	2743.0
27.5°	926.7	1015.4	1121.6	1272.0	1474.4	1695.1	2073.7	2482.5	3052.0	3502.9	4305.9
25°	983.7	1093.6	1250.4	1468.4	1748.1	2194.6	2833.7	3573.8	4713.4	5727.1	6892.0
22.5°	1051.3	1200.5	1408.1	1693.6	2181.1	2949.4	3947.0	5466.7	7156.1	8823.5	10347.6
20°	1122.9	1303.1	1593.4	2058.3	2811.9	3922.8	5702.6	7874.2	10117.0	12402.2	14327.9
17.5°	1206.5	1451.2	1833.5	2451.1	3526.2	5428.2	7805.4	10566.8	13496.9	16412.8	18945.6
15°	1278.3	1580.6	2095.5	3020.5	4623.7	7002.7	9924.5	13411.9	17096.7	20880.9	24982.3
12.5°	1369.9	1736.6	2365.4	3491.3	5597.5	8689.6	12264.7	16313.7	20813.3	25837.9	32231.8
10°	1453.9	1900.2	2720.4	4245.6	6768.1	10265.4	14286.1	18879.9	24716.2	32266.8	39979.5
7.5°	1521.2	2030.0	2995.7	4834.2	7749.7	11611.6	16106.3	21613.9	28895.2	37886.2	46698.5
5°	1568.1	2119.9	3192.7	5279.0	8539.4	12640.4	17397.9	23629.4	32417.7	42486.0	51483.9
2.5°	1597.5	2169.1	3289.2	5543.0	9054.5	13259.5	18203.8	24910.2	34576.5	45414.1	54524.2
0°	1611.4	2177.6	3227.7	5671.5	9126.7	13215.8	18277.5	25337.9	35088.8	46209.2	55282.7
-2.5°	1597.5	2169.1	3289.2	5543.0	9054.5	13259.5	18203.8	24910.2	34576.5	45414.1	54524.2
-5°	1568.1	2119.9	3192.7	5279.0	8539.4	12640.4	17397.9	23629.4	32417.7	42486.0	51483.9
-7.5°	1521.2	2030.0	2995.7	4834.2	7749.7	11611.6	16106.3	21613.9	28895.2	37886.2	46698.5
-10°	1453.9	1900.2	2720.4	4245.6	6768.1	10265.4	14286.1	18879.9	24716.2	32266.8	39979.5
-12.5°	1369.9	1736.6	2365.4	3491.3	5597.5	8689.6	12264.7	16313.7	20813.3	25837.9	32231.8
-15°	1278.3	1580.6	2095.5	3020.5	4623.7	7002.7	9924.5	13411.9	17096.7	20880.9	24982.3
-17.5°	1206.5	1451.2	1833.5	2451.1	3526.2	5428.2	7805.4	10566.8	13496.9	16412.8	18945.6
-20°	1122.9	1303.1	1593.4	2058.3	2811.9	3922.8	5702.6	7874.2	10117.0	12402.2	14327.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627425 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1051.3	1200.5	1408.1	1693.6	2181.1	2949.4	3947.0	5466.7	7156.1	8823.5	10347.6
-25°	983.7	1093.6	1250.4	1468.4	1748.1	2194.6	2833.7	3573.8	4713.4	5727.1	6892.0
-27.5°	926.7	1015.4	1121.6	1272.0	1474.4	1695.1	2073.7	2482.5	3052.0	3502.9	4305.9
-30°	873.7	942.0	1027.0	1124.5	1259.8	1419.2	1605.0	1846.8	2108.3	2378.8	2743.0
-32.5°	829.0	881.9	944.4	1019.8	1099.8	1212.1	1317.5	1460.5	1582.7	1740.4	1912.7
-35°	785.1	830.1	878.2	933.1	992.3	1062.3	1134.2	1218.6	1290.2	1381.0	1465.0
-37.5°	745.6	781.1	821.9	862.8	908.8	953.3	1004.7	1055.3	1099.3	1156.5	1202.4
-40°	709.4	737.0	771.5	805.6	841.0	872.0	908.7	941.7	971.9	1004.6	1031.6
-42.5°	676.3	701.5	726.7	755.5	784.2	810.8	836.0	857.6	877.2	896.5	911.5
-45°	645.8	668.3	690.2	712.6	733.6	757.0	778.2	794.4	806.4	816.8	825.2
-47.5°	615.5	636.4	656.2	675.2	693.4	711.6	728.3	739.5	747.7	753.8	758.2
-50°	586.4	605.7	624.0	640.3	656.4	671.7	685.8	694.0	699.8	703.3	704.4
-52.5°	558.6	576.4	593.3	608.5	622.3	635.1	646.2	652.2	656.9	660.3	661.4
-55°	530.3	546.9	562.7	576.4	589.2	601.1	610.0	614.2	617.4	619.5	620.7
-57.5°	498.6	515.2	531.1	543.0	554.8	566.4	574.3	578.7	581.6	583.3	584.6
-60°	462.2	477.9	490.9	503.0	515.3	527.7	532.8	536.8	540.5	544.1	547.3
-62.5°	421.2	435.0	445.7	455.7	465.8	475.3	480.8	485.1	488.1	490.8	494.0
-65°	376.2	388.3	397.5	405.2	411.3	418.0	424.0	428.6	431.5	434.3	437.1
-67.5°	328.2	340.2	349.2	356.4	362.2	367.4	372.1	375.6	377.9	380.2	382.7
-70°	281.1	292.3	301.9	310.2	316.7	321.5	325.3	328.4	330.8	332.4	333.2
-72.5°	235.7	245.0	253.7	261.9	269.1	274.2	277.8	280.6	282.8	284.4	285.2
-75°	192.5	200.7	208.0	214.8	221.1	225.5	228.5	230.8	232.3	233.9	235.2
-77.5°	149.7	156.2	162.3	167.9	173.1	177.3	180.6	183.3	185.4	186.7	187.5
-80°	109.9	115.3	120.2	124.7	128.7	131.5	134.0	136.4	138.6	139.5	140.0
-82.5°	75.7	79.1	82.5	85.9	89.2	90.5	91.4	92.0	92.4	93.7	94.8
-85°	44.1	46.0	47.7	49.3	50.8	51.2	51.3	51.2	50.9	51.6	52.2
-87.5°	15.9	16.4	16.8	17.2	17.6	17.9	18.2	18.5	18.7	18.9	19.1
-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: P627425 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-722-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°	19.2	19.3	19.4	19.4	19.4	19.3	19.2	19.1	18.9	18.7	18.5
85°	52.6	52.9	53.1	53.2	53.1	52.9	52.6	52.2	51.6	50.9	51.2
82.5°	95.7	96.3	96.7	96.8	96.7	96.3	95.7	94.8	93.7	92.4	92.0
80°	140.0	139.7	140.1	140.3	140.1	139.7	140.0	140.0	139.5	138.6	136.4
77.5°	187.9	187.8	188.5	188.7	188.5	187.8	187.9	187.5	186.7	185.4	183.3
75°	235.9	236.1	236.8	237.1	236.8	236.1	235.9	235.2	233.9	232.3	230.8
72.5°	285.2	284.4	285.2	285.5	285.2	284.4	285.2	285.2	284.4	282.8	280.6
70°	333.3	332.7	335.7	338.7	335.7	332.7	333.3	333.2	332.4	330.8	328.4
67.5°	384.4	385.4	388.9	392.0	388.9	385.4	384.4	382.7	380.2	377.9	375.6
65°	438.5	438.7	442.0	445.2	442.0	438.7	438.5	437.1	434.3	431.5	428.6
62.5°	495.8	496.4	499.9	503.3	499.9	496.4	495.8	494.0	490.8	488.1	485.1
60°	549.2	549.8	551.1	551.7	551.1	549.8	549.2	547.3	544.1	540.5	536.8
57.5°	585.0	584.5	585.0	585.5	585.0	584.5	585.0	584.6	583.3	581.6	578.7
55°	620.5	618.9	617.0	614.6	617.0	618.9	620.5	620.7	619.5	617.4	614.2
52.5°	660.5	658.0	655.7	653.3	655.7	658.0	660.5	661.4	660.3	656.9	652.2
50°	703.7	701.4	699.2	696.8	699.2	701.4	703.7	704.4	703.3	699.8	694.0
47.5°	761.2	762.2	761.8	759.7	761.8	762.2	761.2	758.2	753.8	747.7	739.5
45°	831.1	833.9	834.2	832.3	834.2	833.9	831.1	825.2	816.8	806.4	794.4
42.5°	922.1	928.3	931.7	934.0	931.7	928.3	922.1	911.5	896.5	877.2	857.6
40°	1051.2	1063.7	1071.7	1079.1	1071.7	1063.7	1051.2	1031.6	1004.6	971.9	941.7
37.5°	1236.4	1259.1	1269.2	1263.0	1269.2	1259.1	1236.4	1202.4	1156.5	1099.3	1055.3
35°	1529.6	1572.7	1595.1	1596.9	1595.1	1572.7	1529.6	1465.0	1381.0	1290.2	1218.6
32.5°	2040.0	2128.3	2175.8	2182.5	2175.8	2128.3	2040.0	1912.7	1740.4	1582.7	1460.5
30°	3021.8	3201.9	3286.5	3266.4	3286.5	3201.9	3021.8	2743.0	2378.8	2108.3	1846.8
27.5°	4930.2	5379.3	5645.5	5666.7	5645.5	5379.3	4930.2	4305.9	3502.9	3052.0	2482.5
25°	7923.9	8690.7	9181.7	9189.6	9181.7	8690.7	7923.9	6892.0	5727.1	4713.4	3573.8
22.5°	11756.8	12803.5	13377.0	13477.1	13377.0	12803.5	11756.8	10347.6	8823.5	7156.1	5466.7
20°	16197.4	17589.8	18334.8	18335.6	18334.8	17589.8	16197.4	14327.9	12402.2	10117.0	7874.2
17.5°	21666.2	23927.1	25346.4	25957.3	25346.4	23927.1	21666.2	18945.6	16412.8	13496.9	10566.8
15°	28931.6	32730.9	35007.6	35417.9	35007.6	32730.9	28931.6	24982.3	20880.9	17096.7	13411.9
12.5°	37778.1	42586.2	45818.3	47002.9	45818.3	42586.2	37778.1	32231.8	25837.9	20813.3	16313.7
10°	47014.6	51469.5	54932.1	56095.7	54932.1	51469.5	47014.6	39979.5	32266.8	24716.2	18879.9
7.5°	53687.1	58999.5	62899.8	64612.6	62899.8	58999.5	53687.1	46698.5	37886.2	28895.2	21613.9
5°	58954.5	65240.4	68871.1	70482.5	68871.1	65240.4	58954.5	51483.9	42486.0	32417.7	23629.4
2.5°	62410.5	68621.6	72466.4	73952.2	72466.4	68621.6	62410.5	54524.2	45414.1	34576.5	24910.2
0°	63702.8	69776.0	73574.7	75389.4	73574.7	69776.0	63702.8	55282.7	46209.2	35088.8	25337.9
-2.5°	62410.5	68621.6	72466.4	73952.2	72466.4	68621.6	62410.5	54524.2	45414.1	34576.5	24910.2
-5°	58954.5	65240.4	68871.1	70482.5	68871.1	65240.4	58954.5	51483.9	42486.0	32417.7	23629.4
-7.5°	53687.1	58999.5	62899.8	64612.6	62899.8	58999.5	53687.1	46698.5	37886.2	28895.2	21613.9
-10°	47014.6	51469.5	54932.1	56095.7	54932.1	51469.5	47014.6	39979.5	32266.8	24716.2	18879.9
-12.5°	37778.1	42586.2	45818.3	47002.9	45818.3	42586.2	37778.1	32231.8	25837.9	20813.3	16313.7
-15°	28931.6	32730.9	35007.6	35417.9	35007.6	32730.9	28931.6	24982.3	20880.9	17096.7	13411.9
-17.5°	21666.2	23927.1	25346.4	25957.3	25346.4	23927.1	21666.2	18945.6	16412.8	13496.9	10566.8
-20°	16197.4	17589.8	18334.8	18335.6	18334.8	17589.8	16197.4	14327.9	12402.2	10117.0	7874.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627425 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-722-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°	11756.8	12803.5	13377.0	13477.1	13377.0	12803.5	11756.8	10347.6	8823.5	7156.1	5466.7
-25°	7923.9	8690.7	9181.7	9189.6	9181.7	8690.7	7923.9	6892.0	5727.1	4713.4	3573.8
-27.5°	4930.2	5379.3	5645.5	5666.7	5645.5	5379.3	4930.2	4305.9	3502.9	3052.0	2482.5
-30°	3021.8	3201.9	3286.5	3266.4	3286.5	3201.9	3021.8	2743.0	2378.8	2108.3	1846.8
-32.5°	2040.0	2128.3	2175.8	2182.5	2175.8	2128.3	2040.0	1912.7	1740.4	1582.7	1460.5
-35°	1529.6	1572.7	1595.1	1596.9	1595.1	1572.7	1529.6	1465.0	1381.0	1290.2	1218.6
-37.5°	1236.4	1259.1	1269.2	1263.0	1269.2	1259.1	1236.4	1202.4	1156.5	1099.3	1055.3
-40°	1051.2	1063.7	1071.7	1079.1	1071.7	1063.7	1051.2	1031.6	1004.6	971.9	941.7
-42.5°	922.1	928.3	931.7	934.0	931.7	928.3	922.1	911.5	896.5	877.2	857.6
-45°	831.1	833.9	834.2	832.3	834.2	833.9	831.1	825.2	816.8	806.4	794.4
-47.5°	761.2	762.2	761.8	759.7	761.8	762.2	761.2	758.2	753.8	747.7	739.5
-50°	703.7	701.4	699.2	696.8	699.2	701.4	703.7	704.4	703.3	699.8	694.0
-52.5°	660.5	658.0	655.7	653.3	655.7	658.0	660.5	661.4	660.3	656.9	652.2
-55°	620.5	618.9	617.0	614.6	617.0	618.9	620.5	620.7	619.5	617.4	614.2
-57.5°	585.0	584.5	585.0	585.5	585.0	584.5	585.0	584.6	583.3	581.6	578.7
-60°	549.2	549.8	551.1	551.7	551.1	549.8	549.2	547.3	544.1	540.5	536.8
-62.5°	495.8	496.4	499.9	503.3	499.9	496.4	495.8	494.0	490.8	488.1	485.1
-65°	438.5	438.7	442.0	445.2	442.0	438.7	438.5	437.1	434.3	431.5	428.6
-67.5°	384.4	385.4	388.9	392.0	388.9	385.4	384.4	382.7	380.2	377.9	375.6
-70°	333.3	332.7	335.7	338.7	335.7	332.7	333.3	333.2	332.4	330.8	328.4
-72.5°	285.2	284.4	285.2	285.5	285.2	284.4	285.2	285.2	284.4	282.8	280.6
-75°	235.9	236.1	236.8	237.1	236.8	236.1	235.9	235.2	233.9	232.3	230.8
-77.5°	187.9	187.8	188.5	188.7	188.5	187.8	187.9	187.5	186.7	185.4	183.3
-80°	140.0	139.7	140.1	140.3	140.1	139.7	140.0	140.0	139.5	138.6	136.4
-82.5°	95.7	96.3	96.7	96.8	96.7	96.3	95.7	94.8	93.7	92.4	92.0
-85°	52.6	52.9	53.1	53.2	53.1	52.9	52.6	52.2	51.6	50.9	51.2
-87.5°	19.2	19.3	19.4	19.4	19.4	19.3	19.2	19.1	18.9	18.7	18.5
-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: P627425 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-722-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°	18.2	17.9	17.6	17.2	16.8	16.4	15.9	15.4	14.9	14.3	13.7
85°	51.3	51.2	50.8	49.3	47.7	46.0	44.1	42.1	40.0	37.7	35.4
82.5°	91.4	90.5	89.2	85.9	82.5	79.1	75.7	72.7	69.5	66.2	62.7
80°	134.0	131.5	128.7	124.7	120.2	115.3	109.9	104.9	99.6	94.6	89.9
77.5°	180.6	177.3	173.1	167.9	162.3	156.2	149.7	143.0	136.4	129.4	122.0
75°	228.5	225.5	221.1	214.8	208.0	200.7	192.5	183.3	174.1	164.9	155.9
72.5°	277.8	274.2	269.1	261.9	253.7	245.0	235.7	225.2	213.8	201.3	189.9
70°	325.3	321.5	316.7	310.2	301.9	292.3	281.1	268.9	256.0	242.5	228.6
67.5°	372.1	367.4	362.2	356.4	349.2	340.2	328.2	314.1	299.2	283.9	267.9
65°	424.0	418.0	411.3	405.2	397.5	388.3	376.2	362.5	346.2	327.4	307.1
62.5°	480.8	475.3	465.8	455.7	445.7	435.0	421.2	406.4	391.4	374.0	349.9
60°	532.8	527.7	515.3	503.0	490.9	477.9	462.2	446.5	430.7	411.7	389.6
57.5°	574.3	566.4	554.8	543.0	531.1	515.2	498.6	482.9	465.6	447.3	426.7
55°	610.0	601.1	589.2	576.4	562.7	546.9	530.3	512.6	496.1	480.9	459.9
52.5°	646.2	635.1	622.3	608.5	593.3	576.4	558.6	540.1	524.0	508.2	490.6
50°	685.8	671.7	656.4	640.3	624.0	605.7	586.4	566.8	551.3	535.0	517.2
47.5°	728.3	711.6	693.4	675.2	656.2	636.4	615.5	594.4	577.3	560.5	542.2
45°	778.2	757.0	733.6	712.6	690.2	668.3	645.8	623.9	602.5	583.6	565.9
42.5°	836.0	810.8	784.2	755.5	726.7	701.5	676.3	652.7	628.9	606.1	585.7
40°	908.7	872.0	841.0	805.6	771.5	737.0	709.4	681.0	655.0	629.3	605.8
37.5°	1004.7	953.3	908.8	862.8	821.9	781.1	745.6	713.4	681.0	653.4	627.0
35°	1134.2	1062.3	992.3	933.1	878.2	830.1	785.1	747.3	711.6	677.7	648.2
32.5°	1317.5	1212.1	1099.8	1019.8	944.4	881.9	829.0	782.0	741.2	703.9	670.1
30°	1605.0	1419.2	1259.8	1124.5	1027.0	942.0	873.7	818.4	770.5	729.2	691.6
27.5°	2073.7	1695.1	1474.4	1272.0	1121.6	1015.4	926.7	854.6	799.1	753.8	712.7
25°	2833.7	2194.6	1748.1	1468.4	1250.4	1093.6	983.7	897.9	829.9	776.1	727.7
22.5°	3947.0	2949.4	2181.1	1693.6	1408.1	1200.5	1051.3	940.6	857.5	795.1	742.6
20°	5702.6	3922.8	2811.9	2058.3	1593.4	1303.1	1122.9	990.7	891.4	815.7	755.7
17.5°	7805.4	5428.2	3526.2	2451.1	1833.5	1451.2	1206.5	1038.9	921.3	834.2	766.8
15°	9924.5	7002.7	4623.7	3020.5	2095.5	1580.6	1278.3	1080.4	950.5	854.6	780.7
12.5°	12264.7	8689.6	5597.5	3491.3	2365.4	1736.6	1369.9	1136.4	982.4	874.9	794.2
10°	14286.1	10265.4	6768.1	4245.6	2720.4	1900.2	1453.9	1184.3	1009.0	891.3	804.6
7.5°	16106.3	11611.6	7749.7	4834.2	2995.7	2030.0	1521.2	1222.5	1029.0	903.3	812.1
5°	17397.9	12640.4	8539.4	5279.0	3192.7	2119.9	1568.1	1249.5	1042.2	910.8	816.4
2.5°	18203.8	13259.5	9054.5	5543.0	3289.2	2169.1	1597.5	1264.9	1053.4	919.2	818.7
0°	18277.5	13215.8	9126.7	5671.5	3227.7	2177.6	1611.4	1267.9	1059.8	924.3	817.8
-2.5°	18203.8	13259.5	9054.5	5543.0	3289.2	2169.1	1597.5	1264.9	1053.4	919.2	818.7
-5°	17397.9	12640.4	8539.4	5279.0	3192.7	2119.9	1568.1	1249.5	1042.2	910.8	816.4
-7.5°	16106.3	11611.6	7749.7	4834.2	2995.7	2030.0	1521.2	1222.5	1029.0	903.3	812.1
-10°	14286.1	10265.4	6768.1	4245.6	2720.4	1900.2	1453.9	1184.3	1009.0	891.3	804.6
-12.5°	12264.7	8689.6	5597.5	3491.3	2365.4	1736.6	1369.9	1136.4	982.4	874.9	794.2
-15°	9924.5	7002.7	4623.7	3020.5	2095.5	1580.6	1278.3	1080.4	950.5	854.6	780.7
-17.5°	7805.4	5428.2	3526.2	2451.1	1833.5	1451.2	1206.5	1038.9	921.3	834.2	766.8
-20°	5702.6	3922.8	2811.9	2058.3	1593.4	1303.1	1122.9	990.7	891.4	815.7	755.7



REPORT NUMBER: P627425 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3947.0	2949.4	2181.1	1693.6	1408.1	1200.5	1051.3	940.6	857.5	795.1	742.6
-25°	2833.7	2194.6	1748.1	1468.4	1250.4	1093.6	983.7	897.9	829.9	776.1	727.7
-27.5°	2073.7	1695.1	1474.4	1272.0	1121.6	1015.4	926.7	854.6	799.1	753.8	712.7
-30°	1605.0	1419.2	1259.8	1124.5	1027.0	942.0	873.7	818.4	770.5	729.2	691.6
-32.5°	1317.5	1212.1	1099.8	1019.8	944.4	881.9	829.0	782.0	741.2	703.9	670.1
-35°	1134.2	1062.3	992.3	933.1	878.2	830.1	785.1	747.3	711.6	677.7	648.2
-37.5°	1004.7	953.3	908.8	862.8	821.9	781.1	745.6	713.4	681.0	653.4	627.0
-40°	908.7	872.0	841.0	805.6	771.5	737.0	709.4	681.0	655.0	629.3	605.8
-42.5°	836.0	810.8	784.2	755.5	726.7	701.5	676.3	652.7	628.9	606.1	585.7
-45°	778.2	757.0	733.6	712.6	690.2	668.3	645.8	623.9	602.5	583.6	565.9
-47.5°	728.3	711.6	693.4	675.2	656.2	636.4	615.5	594.4	577.3	560.5	542.2
-50°	685.8	671.7	656.4	640.3	624.0	605.7	586.4	566.8	551.3	535.0	517.2
-52.5°	646.2	635.1	622.3	608.5	593.3	576.4	558.6	540.1	524.0	508.2	490.6
-55°	610.0	601.1	589.2	576.4	562.7	546.9	530.3	512.6	496.1	480.9	459.9
-57.5°	574.3	566.4	554.8	543.0	531.1	515.2	498.6	482.9	465.6	447.3	426.7
-60°	532.8	527.7	515.3	503.0	490.9	477.9	462.2	446.5	430.7	411.7	389.6
-62.5°	480.8	475.3	465.8	455.7	445.7	435.0	421.2	406.4	391.4	374.0	349.9
-65°	424.0	418.0	411.3	405.2	397.5	388.3	376.2	362.5	346.2	327.4	307.1
-67.5°	372.1	367.4	362.2	356.4	349.2	340.2	328.2	314.1	299.2	283.9	267.9
-70°	325.3	321.5	316.7	310.2	301.9	292.3	281.1	268.9	256.0	242.5	228.6
-72.5°	277.8	274.2	269.1	261.9	253.7	245.0	235.7	225.2	213.8	201.3	189.9
-75°	228.5	225.5	221.1	214.8	208.0	200.7	192.5	183.3	174.1	164.9	155.9
-77.5°	180.6	177.3	173.1	167.9	162.3	156.2	149.7	143.0	136.4	129.4	122.0
-80°	134.0	131.5	128.7	124.7	120.2	115.3	109.9	104.9	99.6	94.6	89.9
-82.5°	91.4	90.5	89.2	85.9	82.5	79.1	75.7	72.7	69.5	66.2	62.7
-85°	51.3	51.2	50.8	49.3	47.7	46.0	44.1	42.1	40.0	37.7	35.4
-87.5°	18.2	17.9	17.6	17.2	16.8	16.4	15.9	15.4	14.9	14.3	13.7
-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: P627425 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-722-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°	13.1	12.5	11.8	11.1	10.4	9.7	9.0	8.2	7.4	6.6	5.8
85°	33.0	30.4	27.8	25.1	22.2	19.4	17.9	16.4	14.8	13.3	11.7
82.5°	59.0	55.2	51.2	47.2	43.0	38.6	34.2	29.6	24.8	20.2	17.5
80°	85.0	79.9	74.6	69.2	63.8	57.8	51.9	45.7	39.0	32.5	26.3
77.5°	114.4	106.4	98.2	91.4	85.1	78.2	70.6	62.2	52.9	44.6	36.6
75°	146.6	137.0	127.1	117.3	108.0	98.5	89.9	80.0	68.4	56.7	46.7
72.5°	179.8	168.8	156.7	144.5	133.4	122.0	110.2	97.6	84.4	71.0	57.3
70°	214.9	201.2	187.8	173.9	159.7	145.4	131.8	116.7	100.2	85.0	69.7
67.5°	251.2	235.0	219.0	203.2	187.1	170.5	153.5	135.8	117.5	98.9	81.8
65°	288.5	269.3	249.7	232.2	214.1	195.5	176.5	155.0	134.5	114.1	93.8
62.5°	326.5	304.3	282.6	261.2	240.8	220.3	199.0	174.8	151.3	128.9	106.4
60°	364.8	339.2	314.7	290.9	267.5	244.6	220.6	194.1	168.4	143.4	119.1
57.5°	401.4	373.2	345.4	319.4	293.9	268.6	241.7	213.1	184.9	157.8	131.6
55°	437.0	408.1	375.5	346.0	318.9	291.9	262.1	231.8	201.0	171.8	143.6
52.5°	468.3	439.6	405.8	372.0	341.6	313.4	281.6	250.0	217.4	185.2	155.3
50°	496.7	467.7	433.7	398.0	363.5	332.2	300.1	266.8	233.1	198.4	166.7
47.5°	521.3	493.4	459.9	422.6	385.7	350.3	317.0	282.6	248.4	211.9	177.6
45°	543.5	518.2	485.0	446.7	406.2	368.7	332.9	297.7	261.8	225.0	188.1
42.5°	564.3	539.7	509.3	470.2	427.2	386.3	348.1	311.5	274.5	237.3	198.5
40°	583.0	558.4	532.1	492.3	447.0	402.8	363.0	324.5	286.3	248.7	208.7
37.5°	601.6	576.2	548.8	512.8	465.6	419.7	376.9	336.9	297.7	258.8	218.2
35°	620.6	593.4	563.6	529.0	483.3	435.2	389.7	348.5	308.5	268.3	227.1
32.5°	638.9	608.9	577.1	542.7	499.9	449.3	402.2	359.8	318.6	277.2	235.3
30°	656.9	621.6	589.0	556.6	514.3	463.2	414.4	370.2	327.9	285.4	242.8
27.5°	670.6	632.7	599.6	567.5	526.4	476.0	426.3	379.9	336.5	293.0	249.4
25°	682.9	643.4	608.6	576.2	538.3	489.2	437.1	388.7	344.4	299.9	255.4
22.5°	695.2	652.7	616.2	583.6	549.6	501.1	447.4	397.5	351.4	306.2	260.8
20°	705.8	660.1	622.4	590.4	557.1	510.4	457.1	405.4	357.7	311.7	265.6
17.5°	714.8	667.7	629.0	596.0	562.3	518.2	465.5	412.2	363.2	316.5	269.8
15°	724.1	675.6	634.5	600.3	566.8	524.6	472.7	418.0	367.8	320.5	273.6
12.5°	732.0	681.4	638.8	603.3	570.6	529.6	478.6	422.8	371.6	324.3	277.2
10°	738.2	685.3	641.9	605.2	573.6	533.3	483.3	427.2	376.1	327.8	280.2
7.5°	742.5	687.2	643.6	606.0	575.7	536.5	487.8	432.1	380.1	330.4	282.5
5°	745.4	688.0	644.8	607.8	576.9	539.6	491.1	436.0	383.3	332.4	284.2
2.5°	748.9	688.4	644.8	609.2	576.9	541.4	493.0	438.7	385.6	333.5	285.2
0°	750.1	687.2	643.6	609.7	575.9	542.0	493.6	440.4	387.1	333.9	285.5
-2.5°	748.9	688.4	644.8	609.2	576.9	541.4	493.0	438.7	385.6	333.5	285.2
-5°	745.4	688.0	644.8	607.8	576.9	539.6	491.1	436.0	383.3	332.4	284.2
-7.5°	742.5	687.2	643.6	606.0	575.7	536.5	487.8	432.1	380.1	330.4	282.5
-10°	738.2	685.3	641.9	605.2	573.6	533.3	483.3	427.2	376.1	327.8	280.2
-12.5°	732.0	681.4	638.8	603.3	570.6	529.6	478.6	422.8	371.6	324.3	277.2
-15°	724.1	675.6	634.5	600.3	566.8	524.6	472.7	418.0	367.8	320.5	273.6
-17.5°	714.8	667.7	629.0	596.0	562.3	518.2	465.5	412.2	363.2	316.5	269.8
-20°	705.8	660.1	622.4	590.4	557.1	510.4	457.1	405.4	357.7	311.7	265.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627425 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-722-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°	695.2	652.7	616.2	583.6	549.6	501.1	447.4	397.5	351.4	306.2	260.8
-25°	682.9	643.4	608.6	576.2	538.3	489.2	437.1	388.7	344.4	299.9	255.4
-27.5°	670.6	632.7	599.6	567.5	526.4	476.0	426.3	379.9	336.5	293.0	249.4
-30°	656.9	621.6	589.0	556.6	514.3	463.2	414.4	370.2	327.9	285.4	242.8
-32.5°	638.9	608.9	577.1	542.7	499.9	449.3	402.2	359.8	318.6	277.2	235.3
-35°	620.6	593.4	563.6	529.0	483.3	435.2	389.7	348.5	308.5	268.3	227.1
-37.5°	601.6	576.2	548.8	512.8	465.6	419.7	376.9	336.9	297.7	258.8	218.2
-40°	583.0	558.4	532.1	492.3	447.0	402.8	363.0	324.5	286.3	248.7	208.7
-42.5°	564.3	539.7	509.3	470.2	427.2	386.3	348.1	311.5	274.5	237.3	198.5
-45°	543.5	518.2	485.0	446.7	406.2	368.7	332.9	297.7	261.8	225.0	188.1
-47.5°	521.3	493.4	459.9	422.6	385.7	350.3	317.0	282.6	248.4	211.9	177.6
-50°	496.7	467.7	433.7	398.0	363.5	332.2	300.1	266.8	233.1	198.4	166.7
-52.5°	468.3	439.6	405.8	372.0	341.6	313.4	281.6	250.0	217.4	185.2	155.3
-55°	437.0	408.1	375.5	346.0	318.9	291.9	262.1	231.8	201.0	171.8	143.6
-57.5°	401.4	373.2	345.4	319.4	293.9	268.6	241.7	213.1	184.9	157.8	131.6
-60°	364.8	339.2	314.7	290.9	267.5	244.6	220.6	194.1	168.4	143.4	119.1
-62.5°	326.5	304.3	282.6	261.2	240.8	220.3	199.0	174.8	151.3	128.9	106.4
-65°	288.5	269.3	249.7	232.2	214.1	195.5	176.5	155.0	134.5	114.1	93.8
-67.5°	251.2	235.0	219.0	203.2	187.1	170.5	153.5	135.8	117.5	98.9	81.8
-70°	214.9	201.2	187.8	173.9	159.7	145.4	131.8	116.7	100.2	85.0	69.7
-72.5°	179.8	168.8	156.7	144.5	133.4	122.0	110.2	97.6	84.4	71.0	57.3
-75°	146.6	137.0	127.1	117.3	108.0	98.5	89.9	80.0	68.4	56.7	46.7
-77.5°	114.4	106.4	98.2	91.4	85.1	78.2	70.6	62.2	52.9	44.6	36.6
-80°	85.0	79.9	74.6	69.2	63.8	57.8	51.9	45.7	39.0	32.5	26.3
-82.5°	59.0	55.2	51.2	47.2	43.0	38.6	34.2	29.6	24.8	20.2	17.5
-85°	33.0	30.4	27.8	25.1	22.2	19.4	17.9	16.4	14.8	13.3	11.7
-87.5°	13.1	12.5	11.8	11.1	10.4	9.7	9.0	8.2	7.4	6.6	5.8
-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: P627425 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-722-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°	5.0	4.2	3.4	2.5	1.7	0.8	0.0
85°	10.0	8.4	6.7	5.1	3.4	1.7	0.0
82.5°	15.0	12.6	10.1	7.6	5.1	2.5	0.0
80°	20.4	16.7	13.4	10.1	6.7	3.4	0.0
77.5°	29.0	21.9	16.7	12.6	8.4	4.2	0.0
75°	37.5	29.0	20.4	15.0	10.0	5.0	0.0
72.5°	45.9	36.1	26.1	17.5	11.7	5.8	0.0
70°	54.6	43.0	31.6	20.2	13.3	6.6	0.0
67.5°	65.1	49.8	37.1	24.3	14.8	7.4	0.0
65°	75.5	57.5	42.5	28.4	16.4	8.2	0.0
62.5°	85.7	66.0	47.8	32.3	17.9	9.0	0.0
60°	95.7	74.3	52.9	36.2	19.4	9.7	0.0
57.5°	106.1	82.5	59.4	40.0	21.9	10.4	0.0
55°	116.3	90.4	65.7	43.6	24.3	11.1	0.0
52.5°	126.2	98.1	71.8	47.2	26.7	11.8	0.0
50°	135.6	105.9	77.8	50.7	29.0	12.5	0.0
47.5°	144.7	113.4	83.5	54.2	31.2	13.1	0.0
45°	153.7	120.5	89.0	58.4	33.4	13.7	0.0
42.5°	162.3	127.2	94.3	62.3	35.4	14.3	0.0
40°	170.4	133.6	99.4	66.0	37.4	14.9	0.0
37.5°	178.2	139.6	104.2	69.5	39.2	15.4	0.0
35°	185.5	145.5	108.7	72.7	41.0	15.9	0.0
32.5°	192.4	151.2	112.9	75.7	42.6	16.4	0.0
30°	199.0	156.5	116.8	78.5	44.1	16.8	0.0
27.5°	205.0	161.4	120.3	81.0	45.5	17.2	0.0
25°	210.4	165.9	123.6	83.2	46.9	17.6	0.0
22.5°	215.2	169.9	126.6	85.2	48.0	17.9	0.0
20°	219.4	173.4	129.3	86.9	49.1	18.2	0.0
17.5°	223.3	176.5	131.8	88.4	50.1	18.5	0.0
15°	226.8	179.0	134.0	89.6	50.9	18.7	0.0
12.5°	229.8	181.0	135.9	90.6	51.6	18.9	0.0
10°	232.4	182.5	137.4	91.4	52.2	19.1	0.0
7.5°	234.4	183.5	138.7	91.8	52.6	19.2	0.0
5°	235.9	184.1	139.6	92.1	52.9	19.3	0.0
2.5°	236.8	184.2	140.1	92.1	53.1	19.4	0.0
0°	237.1	183.9	140.3	91.9	53.2	19.4	0.0
-2.5°	236.8	184.2	140.1	92.1	53.1	19.4	0.0
-5°	235.9	184.1	139.6	92.1	52.9	19.3	0.0
-7.5°	234.4	183.5	138.7	91.8	52.6	19.2	0.0
-10°	232.4	182.5	137.4	91.4	52.2	19.1	0.0
-12.5°	229.8	181.0	135.9	90.6	51.6	18.9	0.0
-15°	226.8	179.0	134.0	89.6	50.9	18.7	0.0
-17.5°	223.3	176.5	131.8	88.4	50.1	18.5	0.0
-20°	219.4	173.4	129.3	86.9	49.1	18.2	0.0

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REPORT NUMBER: P627425 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	215.2	169.9	126.6	85.2	48.0	17.9	0.0
-25°	210.4	165.9	123.6	83.2	46.9	17.6	0.0
-27.5°	205.0	161.4	120.3	81.0	45.5	17.2	0.0
-30°	199.0	156.5	116.8	78.5	44.1	16.8	0.0
-32.5°	192.4	151.2	112.9	75.7	42.6	16.4	0.0
-35°	185.5	145.5	108.7	72.7	41.0	15.9	0.0
-37.5°	178.2	139.6	104.2	69.5	39.2	15.4	0.0
-40°	170.4	133.6	99.4	66.0	37.4	14.9	0.0
-42.5°	162.3	127.2	94.3	62.3	35.4	14.3	0.0
-45°	153.7	120.5	89.0	58.4	33.4	13.7	0.0
-47.5°	144.7	113.4	83.5	54.2	31.2	13.1	0.0
-50°	135.6	105.9	77.8	50.7	29.0	12.5	0.0
-52.5°	126.2	98.1	71.8	47.2	26.7	11.8	0.0
-55°	116.3	90.4	65.7	43.6	24.3	11.1	0.0
-57.5°	106.1	82.5	59.4	40.0	21.9	10.4	0.0
-60°	95.7	74.3	52.9	36.2	19.4	9.7	0.0
-62.5°	85.7	66.0	47.8	32.3	17.9	9.0	0.0
-65°	75.5	57.5	42.5	28.4	16.4	8.2	0.0
-67.5°	65.1	49.8	37.1	24.3	14.8	7.4	0.0
-70°	54.6	43.0	31.6	20.2	13.3	6.6	0.0
-72.5°	45.9	36.1	26.1	17.5	11.7	5.8	0.0
-75°	37.5	29.0	20.4	15.0	10.0	5.0	0.0
-77.5°	29.0	21.9	16.7	12.6	8.4	4.2	0.0
-80°	20.4	16.7	13.4	10.1	6.7	3.4	0.0
-82.5°	15.0	12.6	10.1	7.6	5.1	2.5	0.0
-85°	10.0	8.4	6.7	5.1	3.4	1.7	0.0
-87.5°	5.0	4.2	3.4	2.5	1.7	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)