

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: P627309 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-722-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627309 (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-SA4B-722-U-NR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N81
Light Source: (64) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

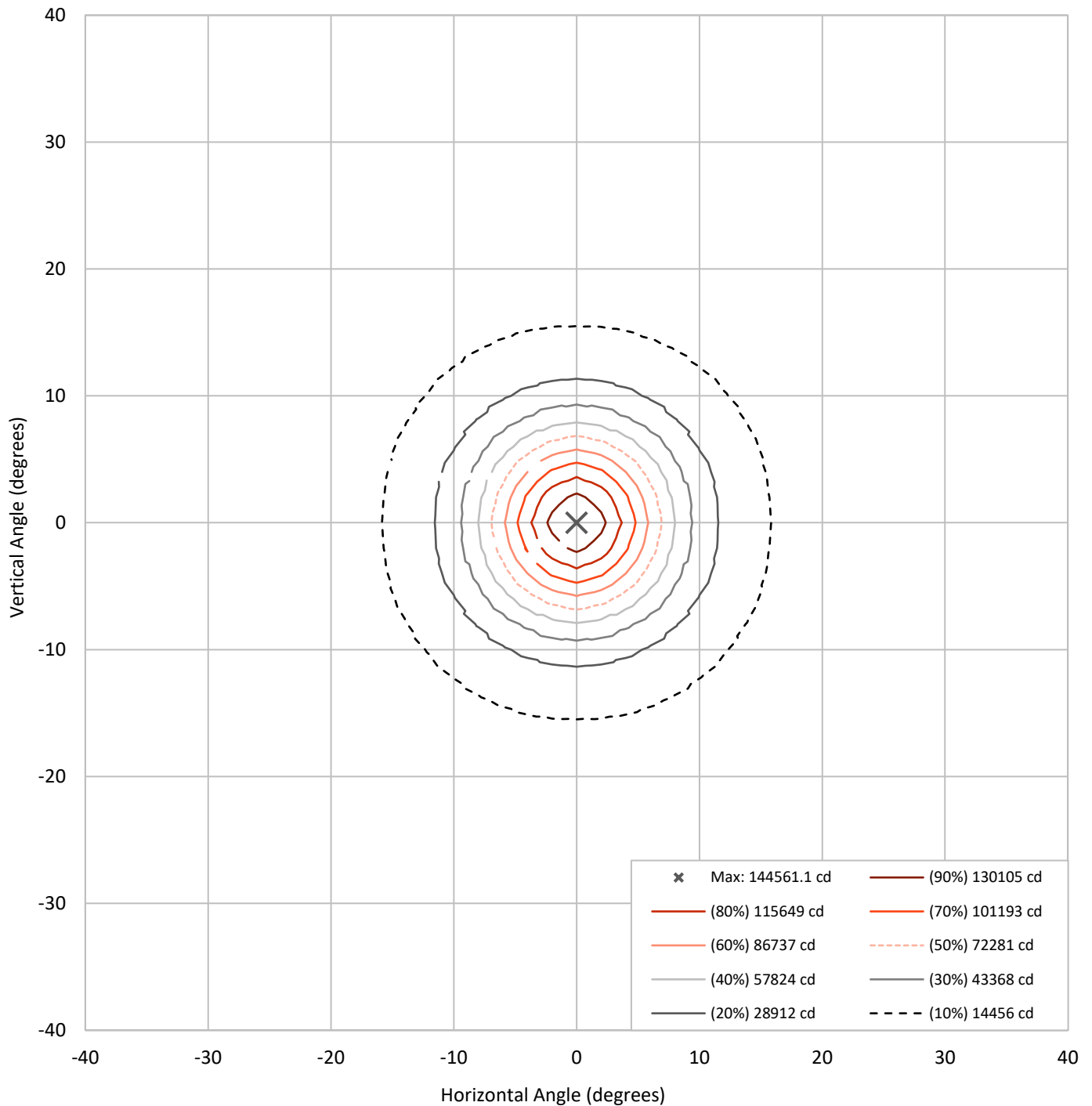
Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	15350.3 lumens	Max Intensity:	144561.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	118.5 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:	4538.4 lumens	Field Lumens:	10213.2 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	129.5		
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: P627309 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-722-U-NR-XX

Iso-Candela Plot





REPORT NUMBER: P627309 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-722-U-NR-XX

Lumen Table

90	0.3	2.1		5.5		8.9		9.8		8.9		5.5		2.1		0.3
80	0.3	2.1		5.5		8.9		9.8		8.9		5.5		2.1		0.3
70	1.0	1.1	2.2	3.6	5.1	6.3	7.1	7.4	7.4	7.1	6.3	5.1	3.6	2.2	1.1	1.0
60		1.6	3.3	5.4	7.3	8.9	9.9	10.3	10.3	9.9	8.9	7.3	5.4	3.3	1.6	
50	1.7	2.1	4.3	6.7	8.9	11.2	13.1	14.2	14.2	13.1	11.2	8.9	6.7	4.3	2.1	1.7
40		2.6	5.1	7.7	10.9	15.7	22.1	27.4	27.4	22.1	15.7	10.9	7.7	5.1	2.6	
30	2.2	2.9	5.5	8.7	14.1	28.1	63.9	105.7	105.7	63.9	28.1	14.1	8.7	5.5	2.9	2.2
20		3.1	5.8	9.6	18.7	59.6	211.5	455.5	455.5	211.5	59.6	18.7	9.6	5.8	3.1	
10	2.3	3.2	6.0	10.2	22.7	98.1	459.7	1985.9	1985.9	459.7	98.1	22.7	10.2	6.0	3.2	2.3
0		3.2	6.0	10.2	22.7	98.1	459.7	1985.9	1985.9	459.7	98.1	22.7	10.2	6.0	3.2	
-10	2.2	3.1	5.8	9.6	18.7	59.6	211.5	455.5	455.5	211.5	59.6	18.7	9.6	5.8	3.1	2.2
-20		2.9	5.5	8.7	14.1	28.1	63.9	105.7	105.7	63.9	28.1	14.1	8.7	5.5	2.9	
-30	1.7	2.6	5.1	7.7	10.9	15.7	22.1	27.4	27.4	22.1	15.7	10.9	7.7	5.1	2.6	1.7
-40		2.1	4.3	6.7	8.9	11.2	13.1	14.2	14.2	13.1	11.2	8.9	6.7	4.3	2.1	
-50	1.0	1.6	3.3	5.4	7.3	8.9	9.9	10.3	10.3	9.9	8.9	7.3	5.4	3.3	1.6	1.0
-60		1.1	2.2	3.6	5.1	6.3	7.1	7.4	7.4	7.1	6.3	5.1	3.6	2.2	1.1	
-70	0.3	2.1		5.5		8.9		9.8		8.9		5.5		2.1		0.3
-80		2.1		5.5		8.9		9.8		8.9		5.5		2.1		
-90	0.3	2.1		5.5		8.9		9.8		8.9		5.5		2.1		0.3

Classified

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

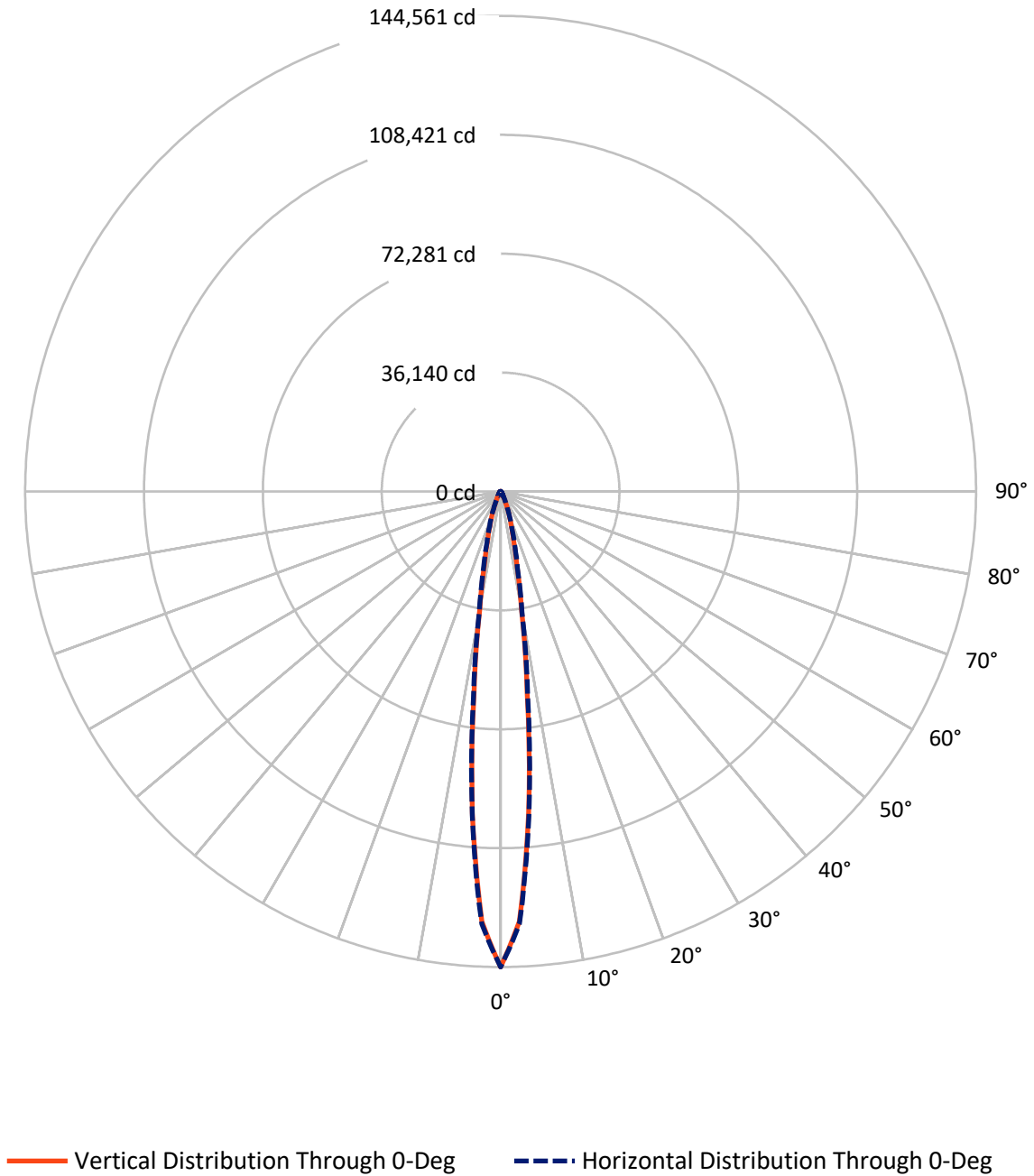
Scaled Data Report



REPORT NUMBER: P627309 (CONVERTED FROM TYPE C PHOTOMETRY)

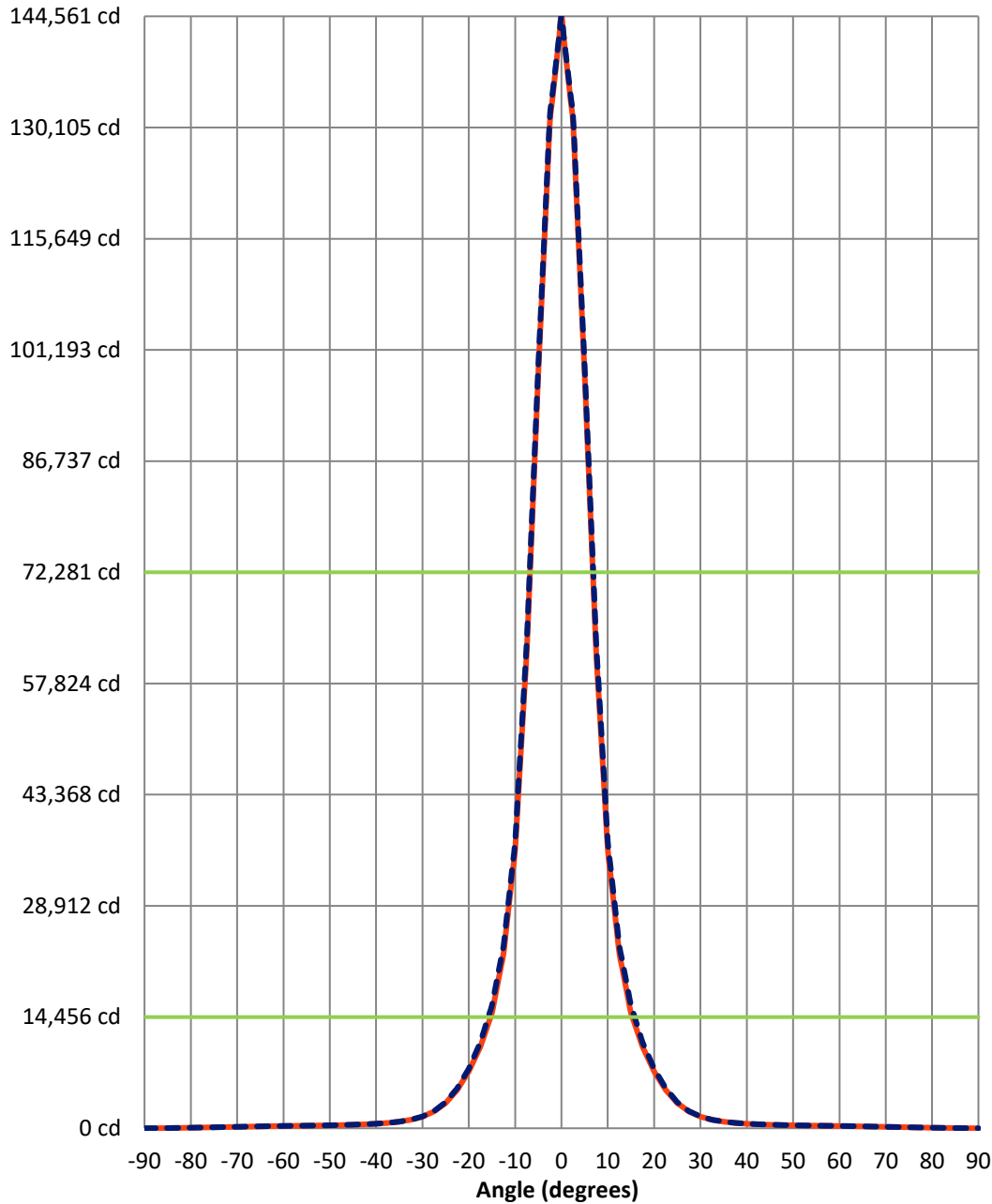
CATALOG NUMBER: GFLD-SA4B-722-U-NR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627309 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-722-U-NR-XX

Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 4538.4
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 10213.2
 Efficiency: 66.5%

Spill:
 Lumens: 5137
 Efficiency: 33.5%

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

Classified

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

Scaled Data Report



REPORT NUMBER: P627309 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-NR-XX

FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.5	1.1	1.6	2.2	2.7	3.2	3.7	4.2	4.7	5.2
85°	0.0	0.9	2.2	3.2	4.3	5.4	6.4	7.4	8.5	9.5	10.5
82.5°	0.0	1.4	3.2	4.8	6.4	8.0	9.6	11.2	12.8	15.1	17.3
80°	0.0	1.9	4.3	6.4	8.6	10.7	13.0	16.1	19.1	22.1	25.1
77.5°	0.0	2.3	5.3	8.0	10.7	13.7	17.7	21.6	25.4	29.1	33.2
75°	0.0	2.8	6.4	9.6	12.9	17.4	22.3	27.0	31.7	36.9	42.1
72.5°	0.0	3.2	7.4	11.2	15.7	21.1	26.8	32.6	38.8	45.0	51.0
70°	0.0	3.7	8.3	12.8	18.5	24.7	31.4	38.8	45.9	52.9	60.7
67.5°	0.0	4.1	9.3	14.7	21.2	28.2	36.6	45.0	52.9	61.8	70.6
65°	0.0	4.5	10.2	16.7	23.9	32.0	41.7	51.0	60.7	70.6	80.9
62.5°	0.0	4.9	11.1	18.5	26.4	36.2	46.7	57.5	68.4	79.5	92.5
60°	0.0	5.3	12.0	20.3	28.9	40.2	51.5	64.0	75.9	89.5	103.8
57.5°	0.0	5.7	13.1	22.1	32.0	44.2	56.9	70.4	84.1	99.2	114.8
55°	0.0	6.1	14.2	23.8	35.1	48.0	62.1	76.6	92.3	108.5	125.3
52.5°	0.0	6.4	15.3	25.4	38.1	51.8	67.2	83.2	100.2	117.5	135.4
50°	0.0	6.7	16.3	27.0	41.0	56.0	72.2	89.7	107.7	126.1	145.1
47.5°	0.0	7.1	17.3	28.6	43.7	59.9	77.0	96.0	114.9	134.2	154.6
45°	0.0	7.4	18.3	30.6	46.4	63.7	82.2	102.1	121.8	142.6	163.9
42.5°	0.0	7.6	19.2	32.5	48.9	67.3	87.1	107.8	128.4	150.7	172.9
40°	0.0	7.9	20.1	34.3	51.5	70.8	91.8	113.3	134.9	158.5	181.6
37.5°	0.0	8.1	21.0	36.1	54.1	74.0	96.3	118.5	141.4	165.8	190.1
35°	0.0	8.3	21.8	37.8	56.5	77.4	100.5	123.5	147.5	172.7	198.2
32.5°	0.0	8.5	22.6	39.4	58.8	80.6	104.4	128.1	153.0	179.1	205.3
30°	0.0	8.7	23.3	40.8	61.0	83.7	108.1	132.4	158.1	185.1	211.8
27.5°	0.0	8.9	24.0	42.2	63.0	86.5	111.5	136.6	162.8	190.6	217.6
25°	0.0	9.0	24.7	43.5	65.0	89.1	114.6	140.3	167.2	195.4	222.8
22.5°	0.0	9.1	25.2	44.6	66.7	91.4	117.4	143.6	171.2	199.6	227.2
20°	0.0	9.2	25.8	45.7	68.3	93.4	119.9	146.4	174.7	203.2	231.3
17.5°	0.0	9.3	26.3	46.6	69.7	95.1	121.9	148.9	177.8	206.3	234.8
15°	0.0	9.4	26.7	47.4	70.9	96.5	123.6	151.1	180.4	208.7	237.9
12.5°	0.0	9.4	27.0	48.0	71.9	97.6	125.0	153.1	182.6	210.6	240.5
10°	0.0	9.4	27.3	48.6	72.8	98.4	126.1	154.8	184.2	212.7	243.0
7.5°	0.0	9.4	27.6	49.0	73.4	99.0	126.8	156.2	185.4	214.4	245.8
5°	0.0	9.4	27.8	49.4	73.9	99.3	127.2	157.2	186.0	215.7	248.1
2.5°	0.0	9.4	27.9	49.5	74.2	99.3	127.3	157.8	186.1	216.5	249.8
0°	0.0	9.3	27.9	49.6	74.3	99.1	127.0	158.0	185.8	216.8	250.9
-2.5°	0.0	9.4	27.9	49.5	74.2	99.3	127.3	157.8	186.1	216.5	249.8
-5°	0.0	9.4	27.8	49.4	73.9	99.3	127.2	157.2	186.0	215.7	248.1
-7.5°	0.0	9.4	27.6	49.0	73.4	99.0	126.8	156.2	185.4	214.4	245.8
-10°	0.0	9.4	27.3	48.6	72.8	98.4	126.1	154.8	184.2	212.7	243.0
-12.5°	0.0	9.4	27.0	48.0	71.9	97.6	125.0	153.1	182.6	210.6	240.5
-15°	0.0	9.4	26.7	47.4	70.9	96.5	123.6	151.1	180.4	208.7	237.9
-17.5°	0.0	9.3	26.3	46.6	69.7	95.1	121.9	148.9	177.8	206.3	234.8
-20°	0.0	9.2	25.8	45.7	68.3	93.4	119.9	146.4	174.7	203.2	231.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627309 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	9.1	25.2	44.6	66.7	91.4	117.4	143.6	171.2	199.6	227.2
-25°	0.0	9.0	24.7	43.5	65.0	89.1	114.6	140.3	167.2	195.4	222.8
-27.5°	0.0	8.9	24.0	42.2	63.0	86.5	111.5	136.6	162.8	190.6	217.6
-30°	0.0	8.7	23.3	40.8	61.0	83.7	108.1	132.4	158.1	185.1	211.8
-32.5°	0.0	8.5	22.6	39.4	58.8	80.6	104.4	128.1	153.0	179.1	205.3
-35°	0.0	8.3	21.8	37.8	56.5	77.4	100.5	123.5	147.5	172.7	198.2
-37.5°	0.0	8.1	21.0	36.1	54.1	74.0	96.3	118.5	141.4	165.8	190.1
-40°	0.0	7.9	20.1	34.3	51.5	70.8	91.8	113.3	134.9	158.5	181.6
-42.5°	0.0	7.6	19.2	32.5	48.9	67.3	87.1	107.8	128.4	150.7	172.9
-45°	0.0	7.4	18.3	30.6	46.4	63.7	82.2	102.1	121.8	142.6	163.9
-47.5°	0.0	7.1	17.3	28.6	43.7	59.9	77.0	96.0	114.9	134.2	154.6
-50°	0.0	6.7	16.3	27.0	41.0	56.0	72.2	89.7	107.7	126.1	145.1
-52.5°	0.0	6.4	15.3	25.4	38.1	51.8	67.2	83.2	100.2	117.5	135.4
-55°	0.0	6.1	14.2	23.8	35.1	48.0	62.1	76.6	92.3	108.5	125.3
-57.5°	0.0	5.7	13.1	22.1	32.0	44.2	56.9	70.4	84.1	99.2	114.8
-60°	0.0	5.3	12.0	20.3	28.9	40.2	51.5	64.0	75.9	89.5	103.8
-62.5°	0.0	4.9	11.1	18.5	26.4	36.2	46.7	57.5	68.4	79.5	92.5
-65°	0.0	4.5	10.2	16.7	23.9	32.0	41.7	51.0	60.7	70.6	80.9
-67.5°	0.0	4.1	9.3	14.7	21.2	28.2	36.6	45.0	52.9	61.8	70.6
-70°	0.0	3.7	8.3	12.8	18.5	24.7	31.4	38.8	45.9	52.9	60.7
-72.5°	0.0	3.2	7.4	11.2	15.7	21.1	26.8	32.6	38.8	45.0	51.0
-75°	0.0	2.8	6.4	9.6	12.9	17.4	22.3	27.0	31.7	36.9	42.1
-77.5°	0.0	2.3	5.3	8.0	10.7	13.7	17.7	21.6	25.4	29.1	33.2
-80°	0.0	1.9	4.3	6.4	8.6	10.7	13.0	16.1	19.1	22.1	25.1
-82.5°	0.0	1.4	3.2	4.8	6.4	8.0	9.6	11.2	12.8	15.1	17.3
-85°	0.0	0.9	2.2	3.2	4.3	5.4	6.4	7.4	8.5	9.5	10.5
-87.5°	0.0	0.5	1.1	1.6	2.2	2.7	3.2	3.7	4.2	4.7	5.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627309 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-722-U-NR-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°	5.7	6.2	6.7	7.1	7.5	8.0	8.4	8.8	9.1	9.5	9.8
85°	11.4	12.4	13.8	15.1	16.3	17.3	18.1	18.8	20.1	21.4	22.8
82.5°	19.5	21.6	23.7	25.7	27.1	28.2	29.3	30.9	33.6	36.3	38.7
80°	28.0	30.9	34.1	37.2	39.9	42.6	45.4	48.3	51.3	54.1	56.8
77.5°	37.4	41.5	45.6	49.5	53.4	57.6	61.7	65.6	69.3	72.9	76.3
75°	47.2	52.1	57.6	62.9	68.2	73.2	78.2	83.5	88.6	93.4	98.0
72.5°	57.5	64.0	70.5	76.7	83.5	90.2	96.6	102.8	108.8	115.2	121.8
70°	68.4	75.9	84.3	92.3	99.9	107.9	115.8	122.6	129.2	137.9	146.8
67.5°	79.6	89.8	99.3	108.4	118.5	127.8	135.9	144.6	153.9	163.9	172.7
65°	92.9	104.0	115.0	126.5	138.2	147.9	158.0	168.7	179.2	189.3	198.8
62.5°	106.0	118.5	131.2	143.7	155.7	167.3	179.5	191.5	203.1	214.8	225.0
60°	118.6	132.8	146.2	159.2	172.8	187.3	200.9	214.2	228.0	241.2	248.1
57.5°	130.8	146.0	160.0	174.6	190.5	206.9	221.2	236.3	248.1	257.3	266.2
55°	142.3	158.1	173.4	189.8	207.2	224.2	240.1	253.5	264.4	272.8	282.2
52.5°	153.0	169.6	186.3	204.3	222.7	240.9	257.5	270.0	279.8	288.4	297.3
50°	163.6	181.0	198.6	218.4	238.1	257.4	273.7	285.1	294.4	303.2	312.4
47.5°	173.9	192.2	211.2	232.2	253.6	272.3	287.6	298.1	307.5	317.9	327.9
45°	184.1	203.8	224.0	246.6	268.1	286.0	299.1	309.6	321.2	332.4	343.1
42.5°	194.0	215.3	237.2	260.6	281.3	297.5	309.7	322.2	334.7	346.6	358.7
40°	204.0	226.4	249.5	272.8	293.6	307.6	320.6	334.0	347.8	360.7	374.1
37.5°	213.6	236.8	260.6	284.1	303.1	317.2	330.7	345.5	360.0	374.2	391.6
35°	222.7	246.2	270.2	293.0	311.3	325.9	341.0	356.5	371.8	390.0	409.9
32.5°	230.8	254.7	279.0	300.2	318.1	334.0	350.8	367.1	385.3	406.0	429.9
30°	237.7	262.1	286.5	307.2	324.7	341.5	359.8	377.7	399.0	423.9	452.3
27.5°	243.8	268.7	292.5	313.2	331.0	347.7	366.9	389.6	414.1	442.0	475.3
25°	249.4	275.5	298.1	318.7	336.1	353.5	374.1	399.1	428.6	462.2	503.0
22.5°	254.7	281.9	303.9	324.0	340.0	358.8	382.0	409.2	441.3	480.7	530.3
20°	259.8	286.8	308.5	328.1	343.0	363.5	389.0	418.1	454.6	501.5	558.9
17.5°	264.5	290.9	312.1	330.5	346.8	368.4	395.2	425.3	466.1	520.3	585.2
15°	268.7	294.4	314.9	332.5	350.3	373.6	401.6	434.2	478.8	538.3	608.5
12.5°	272.5	297.2	317.2	334.0	353.1	377.9	407.3	443.5	492.4	556.1	638.0
10°	275.7	299.3	318.7	335.0	355.1	381.1	412.1	451.1	503.3	569.8	660.7
7.5°	278.4	301.0	319.8	335.6	356.5	383.4	415.8	456.9	510.9	579.5	677.0
5°	280.3	302.4	321.1	337.5	358.6	385.2	418.5	460.8	515.4	585.3	687.2
2.5°	281.4	303.2	321.8	339.3	360.8	386.7	420.5	465.2	519.0	591.0	695.0
0°	281.8	303.5	322.1	340.7	362.4	387.2	421.2	467.7	520.3	594.7	700.0
-2.5°	281.4	303.2	321.8	339.3	360.8	386.7	420.5	465.2	519.0	591.0	695.0
-5°	280.3	302.4	321.1	337.5	358.6	385.2	418.5	460.8	515.4	585.3	687.2
-7.5°	278.4	301.0	319.8	335.6	356.5	383.4	415.8	456.9	510.9	579.5	677.0
-10°	275.7	299.3	318.7	335.0	355.1	381.1	412.1	451.1	503.3	569.8	660.7
-12.5°	272.5	297.2	317.2	334.0	353.1	377.9	407.3	443.5	492.4	556.1	638.0
-15°	268.7	294.4	314.9	332.5	350.3	373.6	401.6	434.2	478.8	538.3	608.5
-17.5°	264.5	290.9	312.1	330.5	346.8	368.4	395.2	425.3	466.1	520.3	585.2
-20°	259.8	286.8	308.5	328.1	343.0	363.5	389.0	418.1	454.6	501.5	558.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627309 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-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°	254.7	281.9	303.9	324.0	340.0	358.8	382.0	409.2	441.3	480.7	530.3
-25°	249.4	275.5	298.1	318.7	336.1	353.5	374.1	399.1	428.6	462.2	503.0
-27.5°	243.8	268.7	292.5	313.2	331.0	347.7	366.9	389.6	414.1	442.0	475.3
-30°	237.7	262.1	286.5	307.2	324.7	341.5	359.8	377.7	399.0	423.9	452.3
-32.5°	230.8	254.7	279.0	300.2	318.1	334.0	350.8	367.1	385.3	406.0	429.9
-35°	222.7	246.2	270.2	293.0	311.3	325.9	341.0	356.5	371.8	390.0	409.9
-37.5°	213.6	236.8	260.6	284.1	303.1	317.2	330.7	345.5	360.0	374.2	391.6
-40°	204.0	226.4	249.5	272.8	293.6	307.6	320.6	334.0	347.8	360.7	374.1
-42.5°	194.0	215.3	237.2	260.6	281.3	297.5	309.7	322.2	334.7	346.6	358.7
-45°	184.1	203.8	224.0	246.6	268.1	286.0	299.1	309.6	321.2	332.4	343.1
-47.5°	173.9	192.2	211.2	232.2	253.6	272.3	287.6	298.1	307.5	317.9	327.9
-50°	163.6	181.0	198.6	218.4	238.1	257.4	273.7	285.1	294.4	303.2	312.4
-52.5°	153.0	169.6	186.3	204.3	222.7	240.9	257.5	270.0	279.8	288.4	297.3
-55°	142.3	158.1	173.4	189.8	207.2	224.2	240.1	253.5	264.4	272.8	282.2
-57.5°	130.8	146.0	160.0	174.6	190.5	206.9	221.2	236.3	248.1	257.3	266.2
-60°	118.6	132.8	146.2	159.2	172.8	187.3	200.9	214.2	228.0	241.2	248.1
-62.5°	106.0	118.5	131.2	143.7	155.7	167.3	179.5	191.5	203.1	214.8	225.0
-65°	92.9	104.0	115.0	126.5	138.2	147.9	158.0	168.7	179.2	189.3	198.8
-67.5°	79.6	89.8	99.3	108.4	118.5	127.8	135.9	144.6	153.9	163.9	172.7
-70°	68.4	75.9	84.3	92.3	99.9	107.9	115.8	122.6	129.2	137.9	146.8
-72.5°	57.5	64.0	70.5	76.7	83.5	90.2	96.6	102.8	108.8	115.2	121.8
-75°	47.2	52.1	57.6	62.9	68.2	73.2	78.2	83.5	88.6	93.4	98.0
-77.5°	37.4	41.5	45.6	49.5	53.4	57.6	61.7	65.6	69.3	72.9	76.3
-80°	28.0	30.9	34.1	37.2	39.9	42.6	45.4	48.3	51.3	54.1	56.8
-82.5°	19.5	21.6	23.7	25.7	27.1	28.2	29.3	30.9	33.6	36.3	38.7
-85°	11.4	12.4	13.8	15.1	16.3	17.3	18.1	18.8	20.1	21.4	22.8
-87.5°	5.7	6.2	6.7	7.1	7.5	8.0	8.4	8.8	9.1	9.5	9.8
-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: P627309 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-722-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°	10.2	10.5	10.7	11.0	11.2	11.5	11.7	11.8	12.0	11.4	10.7
85°	24.2	25.2	26.0	26.8	27.5	28.2	28.8	29.3	29.7	29.4	28.9
82.5°	40.8	42.5	43.9	45.3	46.6	47.7	48.8	49.7	50.5	50.4	50.2
80°	59.4	62.0	64.7	67.3	69.9	71.5	72.6	73.5	74.1	74.3	74.4
77.5°	79.8	83.9	88.2	92.4	96.5	98.9	100.6	102.0	103.1	103.4	103.2
75°	102.4	107.7	113.6	118.7	123.1	125.8	127.7	129.3	130.6	131.0	130.8
72.5°	128.7	135.3	140.5	144.8	148.6	151.5	153.9	155.9	157.6	158.2	158.3
70°	154.6	161.0	166.0	170.4	174.1	177.2	180.0	182.4	184.4	185.9	187.0
67.5°	180.8	188.2	193.3	197.3	200.4	203.6	207.4	210.6	213.4	215.2	216.1
65°	207.7	215.4	220.3	224.6	228.5	232.5	236.7	239.8	241.8	243.1	243.9
62.5°	233.8	240.9	247.1	252.9	258.4	263.0	265.9	268.5	270.6	272.5	273.9
60°	256.2	265.3	272.2	277.7	283.1	288.3	291.8	294.6	296.8	298.5	299.5
57.5°	275.3	284.5	292.7	298.0	303.9	310.1	314.3	316.6	318.8	320.7	321.5
55°	291.9	300.5	308.0	315.4	322.0	327.6	331.9	335.1	337.8	339.9	340.6
52.5°	307.0	316.3	325.1	332.9	339.4	344.8	349.1	353.0	356.1	358.1	359.0
50°	322.8	332.8	342.3	350.8	357.4	363.5	368.9	373.5	378.0	381.5	384.0
47.5°	338.3	349.0	359.5	368.8	376.8	385.5	393.3	399.9	406.5	411.7	415.3
45°	354.0	366.3	377.7	389.8	400.5	411.9	422.6	431.7	441.1	448.2	453.0
42.5°	371.4	385.3	399.0	414.1	428.8	443.7	459.8	474.2	485.2	495.6	504.1
40°	390.0	406.0	423.9	442.4	464.0	483.7	505.3	523.9	540.6	558.4	572.5
37.5°	409.9	429.9	453.4	478.1	506.1	533.0	561.2	589.0	613.2	641.8	663.6
35°	431.9	458.5	487.5	520.9	555.7	594.3	633.0	677.6	716.0	758.2	795.0
32.5°	457.9	489.7	527.7	571.7	616.6	675.0	729.6	800.7	862.1	929.2	996.7
30°	484.7	526.2	575.3	630.7	702.0	782.4	872.0	977.7	1086.7	1192.1	1319.2
27.5°	517.8	568.0	627.4	708.4	813.3	922.0	1076.1	1234.7	1434.9	1600.6	1834.1
25°	552.2	611.4	695.8	806.0	942.8	1131.4	1365.3	1618.8	1971.1	2280.6	2643.6
22.5°	589.7	669.6	774.6	910.6	1118.1	1407.6	1761.7	2238.9	2758.6	3310.3	3859.1
20°	628.8	725.3	863.0	1060.2	1344.9	1737.0	2345.0	3081.7	3824.1	4734.4	5540.4
17.5°	674.1	796.9	966.5	1213.1	1593.1	2193.8	3037.2	4065.6	5217.3	6526.2	7688.3
15°	711.7	858.2	1072.4	1417.3	1940.0	2711.3	3774.9	5189.7	6920.4	8678.3	10461.7
12.5°	755.5	924.9	1176.4	1587.7	2244.2	3269.3	4717.0	6507.7	8669.2	11107.4	13981.8
10°	794.3	990.4	1303.1	1812.1	2614.4	3851.3	5608.2	7762.6	10552.0	14060.1	18511.2
7.5°	823.1	1042.5	1400.8	1983.0	2934.6	4410.8	6450.2	9136.7	12681.2	17313.5	23422.3
5°	841.7	1080.2	1470.0	2114.8	3185.1	4827.2	7067.3	10111.3	14387.4	20939.1	31283.7
2.5°	852.9	1102.6	1509.5	2192.1	3337.5	5103.1	7536.8	10848.3	15493.2	23179.8	36340.0
0°	857.9	1108.8	1533.1	2233.1	3388.4	5209.6	7752.4	11184.2	15988.0	23703.3	37229.0
-2.5°	852.9	1102.6	1509.5	2192.1	3337.5	5103.1	7536.8	10848.3	15493.2	23179.8	36340.0
-5°	841.7	1080.2	1470.0	2114.8	3185.1	4827.2	7067.3	10111.3	14387.4	20939.1	31283.7
-7.5°	823.1	1042.5	1400.8	1983.0	2934.6	4410.8	6450.2	9136.7	12681.2	17313.5	23422.3
-10°	794.3	990.4	1303.1	1812.1	2614.4	3851.3	5608.2	7762.6	10552.0	14060.1	18511.2
-12.5°	755.5	924.9	1176.4	1587.7	2244.2	3269.3	4717.0	6507.7	8669.2	11107.4	13981.8
-15°	711.7	858.2	1072.4	1417.3	1940.0	2711.3	3774.9	5189.7	6920.4	8678.3	10461.7
-17.5°	674.1	796.9	966.5	1213.1	1593.1	2193.8	3037.2	4065.6	5217.3	6526.2	7688.3
-20°	628.8	725.3	863.0	1060.2	1344.9	1737.0	2345.0	3081.7	3824.1	4734.4	5540.4



REPORT NUMBER: P627309 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	589.7	669.6	774.6	910.6	1118.1	1407.6	1761.7	2238.9	2758.6	3310.3	3859.1
-25°	552.2	611.4	695.8	806.0	942.8	1131.4	1365.3	1618.8	1971.1	2280.6	2643.6
-27.5°	517.8	568.0	627.4	708.4	813.3	922.0	1076.1	1234.7	1434.9	1600.6	1834.1
-30°	484.7	526.2	575.3	630.7	702.0	782.4	872.0	977.7	1086.7	1192.1	1319.2
-32.5°	457.9	489.7	527.7	571.7	616.6	675.0	729.6	800.7	862.1	929.2	996.7
-35°	431.9	458.5	487.5	520.9	555.7	594.3	633.0	677.6	716.0	758.2	795.0
-37.5°	409.9	429.9	453.4	478.1	506.1	533.0	561.2	589.0	613.2	641.8	663.6
-40°	390.0	406.0	423.9	442.4	464.0	483.7	505.3	523.9	540.6	558.4	572.5
-42.5°	371.4	385.3	399.0	414.1	428.8	443.7	459.8	474.2	485.2	495.6	504.1
-45°	354.0	366.3	377.7	389.8	400.5	411.9	422.6	431.7	441.1	448.2	453.0
-47.5°	338.3	349.0	359.5	368.8	376.8	385.5	393.3	399.9	406.5	411.7	415.3
-50°	322.8	332.8	342.3	350.8	357.4	363.5	368.9	373.5	378.0	381.5	384.0
-52.5°	307.0	316.3	325.1	332.9	339.4	344.8	349.1	353.0	356.1	358.1	359.0
-55°	291.9	300.5	308.0	315.4	322.0	327.6	331.9	335.1	337.8	339.9	340.6
-57.5°	275.3	284.5	292.7	298.0	303.9	310.1	314.3	316.6	318.8	320.7	321.5
-60°	256.2	265.3	272.2	277.7	283.1	288.3	291.8	294.6	296.8	298.5	299.5
-62.5°	233.8	240.9	247.1	252.9	258.4	263.0	265.9	268.5	270.6	272.5	273.9
-65°	207.7	215.4	220.3	224.6	228.5	232.5	236.7	239.8	241.8	243.1	243.9
-67.5°	180.8	188.2	193.3	197.3	200.4	203.6	207.4	210.6	213.4	215.2	216.1
-70°	154.6	161.0	166.0	170.4	174.1	177.2	180.0	182.4	184.4	185.9	187.0
-72.5°	128.7	135.3	140.5	144.8	148.6	151.5	153.9	155.9	157.6	158.2	158.3
-75°	102.4	107.7	113.6	118.7	123.1	125.8	127.7	129.3	130.6	131.0	130.8
-77.5°	79.8	83.9	88.2	92.4	96.5	98.9	100.6	102.0	103.1	103.4	103.2
-80°	59.4	62.0	64.7	67.3	69.9	71.5	72.6	73.5	74.1	74.3	74.4
-82.5°	40.8	42.5	43.9	45.3	46.6	47.7	48.8	49.7	50.5	50.4	50.2
-85°	24.2	25.2	26.0	26.8	27.5	28.2	28.8	29.3	29.7	29.4	28.9
-87.5°	10.2	10.5	10.7	11.0	11.2	11.5	11.7	11.8	12.0	11.4	10.7
-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: P627309 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-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°	10.0	9.3	9.3	9.3	9.3	9.3	10.0	10.7	11.4	12.0	11.8
85°	28.4	27.8	27.9	27.9	27.9	27.8	28.4	28.9	29.4	29.7	29.3
82.5°	49.8	49.4	49.5	49.6	49.5	49.4	49.8	50.2	50.4	50.5	49.7
80°	74.3	73.9	72.7	71.2	72.7	73.9	74.3	74.4	74.3	74.1	73.5
77.5°	102.6	101.7	100.6	99.1	100.6	101.7	102.6	103.2	103.4	103.1	102.0
75°	130.3	129.6	129.9	130.1	129.9	129.6	130.3	130.8	131.0	130.6	129.3
72.5°	158.0	157.4	157.8	158.0	157.8	157.4	158.0	158.3	158.2	157.6	155.9
70°	187.7	188.0	187.2	185.8	187.2	188.0	187.7	187.0	185.9	184.4	182.4
67.5°	216.4	216.0	215.1	213.7	215.1	216.0	216.4	216.1	215.2	213.4	210.6
65°	244.2	243.9	244.4	244.7	244.4	243.9	244.2	243.9	243.1	241.8	239.8
62.5°	274.6	274.7	274.0	272.6	274.0	274.7	274.6	273.9	272.5	270.6	268.5
60°	299.9	299.6	298.8	297.3	298.8	299.6	299.9	299.5	298.5	296.8	294.6
57.5°	321.8	321.5	320.5	319.0	320.5	321.5	321.8	321.5	320.7	318.8	316.6
55°	340.7	340.2	339.2	337.6	339.2	340.2	340.7	340.6	339.9	337.8	335.1
52.5°	359.3	358.9	359.0	359.3	359.0	358.9	359.3	359.0	358.1	356.1	353.0
50°	385.6	386.1	385.6	384.1	385.6	386.1	385.6	384.0	381.5	378.0	373.5
47.5°	417.0	417.2	416.5	415.0	416.5	417.2	417.0	415.3	411.7	406.5	399.9
45°	456.8	459.1	459.6	458.4	459.6	459.1	456.8	453.0	448.2	441.1	431.7
42.5°	510.5	514.1	515.1	514.1	515.1	514.1	510.5	504.1	495.6	485.2	474.2
40°	581.2	585.2	586.0	585.4	586.0	585.2	581.2	572.5	558.4	540.6	523.9
37.5°	678.9	688.7	693.3	693.8	693.3	688.7	678.9	663.6	641.8	613.2	589.0
35°	823.0	842.5	852.9	857.9	852.9	842.5	823.0	795.0	758.2	716.0	677.6
32.5°	1047.8	1086.8	1108.4	1105.7	1108.4	1086.8	1047.8	996.7	929.2	862.1	800.7
30°	1415.0	1483.1	1517.4	1508.4	1517.4	1483.1	1415.0	1319.2	1192.1	1086.7	977.7
27.5°	2001.8	2124.9	2196.0	2186.7	2196.0	2124.9	2001.8	1834.1	1600.6	1434.9	1234.7
25°	2947.1	3171.8	3315.6	3280.0	3315.6	3171.8	2947.1	2643.6	2280.6	1971.1	1618.8
22.5°	4385.2	4765.8	5017.7	4986.6	5017.7	4765.8	4385.2	3859.1	3310.3	2758.6	2238.9
20°	6357.8	6937.1	7350.8	7405.5	7350.8	6937.1	6357.8	5540.4	4734.4	3824.1	3081.7
17.5°	8943.6	9862.0	10501.4	10608.1	10501.4	9862.0	8943.6	7688.3	6526.2	5217.3	4065.6
15°	12304.1	13805.3	14891.8	14981.4	14891.8	13805.3	12304.1	10461.7	8678.3	6920.4	5189.7
12.5°	16867.2	19886.5	21857.0	22724.5	21857.0	19886.5	16867.2	13981.8	11107.4	8669.2	6507.7
10°	23182.3	30117.5	34558.9	36228.5	34558.9	30117.5	23182.3	18511.2	14060.1	10552.0	7762.6
7.5°	33730.4	44618.8	56723.8	61883.1	56723.8	44618.8	33730.4	23422.3	17313.5	12681.2	9136.7
5°	45675.3	68273.1	89767.6	98161.2	89767.6	68273.1	45675.3	31283.7	20939.1	14387.4	10111.3
2.5°	58244.5	89742.5	119258.5	130801.6	119258.5	89742.5	58244.5	36340.0	23179.8	15493.2	10848.3
0°	63153.0	99143.0	131617.7	144561.1	131617.7	99143.0	63153.0	37229.0	23703.3	15988.0	11184.2
-2.5°	58244.5	89742.5	119258.5	130801.6	119258.5	89742.5	58244.5	36340.0	23179.8	15493.2	10848.3
-5°	45675.3	68273.1	89767.6	98161.2	89767.6	68273.1	45675.3	31283.7	20939.1	14387.4	10111.3
-7.5°	33730.4	44618.8	56723.8	61883.1	56723.8	44618.8	33730.4	23422.3	17313.5	12681.2	9136.7
-10°	23182.3	30117.5	34558.9	36228.5	34558.9	30117.5	23182.3	18511.2	14060.1	10552.0	7762.6
-12.5°	16867.2	19886.5	21857.0	22724.5	21857.0	19886.5	16867.2	13981.8	11107.4	8669.2	6507.7
-15°	12304.1	13805.3	14891.8	14981.4	14891.8	13805.3	12304.1	10461.7	8678.3	6920.4	5189.7
-17.5°	8943.6	9862.0	10501.4	10608.1	10501.4	9862.0	8943.6	7688.3	6526.2	5217.3	4065.6
-20°	6357.8	6937.1	7350.8	7405.5	7350.8	6937.1	6357.8	5540.4	4734.4	3824.1	3081.7



REPORT NUMBER: P627309 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-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°	4385.2	4765.8	5017.7	4986.6	5017.7	4765.8	4385.2	3859.1	3310.3	2758.6	2238.9
-25°	2947.1	3171.8	3315.6	3280.0	3315.6	3171.8	2947.1	2643.6	2280.6	1971.1	1618.8
-27.5°	2001.8	2124.9	2196.0	2186.7	2196.0	2124.9	2001.8	1834.1	1600.6	1434.9	1234.7
-30°	1415.0	1483.1	1517.4	1508.4	1517.4	1483.1	1415.0	1319.2	1192.1	1086.7	977.7
-32.5°	1047.8	1086.8	1108.4	1105.7	1108.4	1086.8	1047.8	996.7	929.2	862.1	800.7
-35°	823.0	842.5	852.9	857.9	852.9	842.5	823.0	795.0	758.2	716.0	677.6
-37.5°	678.9	688.7	693.3	693.8	693.3	688.7	678.9	663.6	641.8	613.2	589.0
-40°	581.2	585.2	586.0	585.4	586.0	585.2	581.2	572.5	558.4	540.6	523.9
-42.5°	510.5	514.1	515.1	514.1	515.1	514.1	510.5	504.1	495.6	485.2	474.2
-45°	456.8	459.1	459.6	458.4	459.6	459.1	456.8	453.0	448.2	441.1	431.7
-47.5°	417.0	417.2	416.5	415.0	416.5	417.2	417.0	415.3	411.7	406.5	399.9
-50°	385.6	386.1	385.6	384.1	385.6	386.1	385.6	384.0	381.5	378.0	373.5
-52.5°	359.3	358.9	359.0	359.3	359.0	358.9	359.3	359.0	358.1	356.1	353.0
-55°	340.7	340.2	339.2	337.6	339.2	340.2	340.7	340.6	339.9	337.8	335.1
-57.5°	321.8	321.5	320.5	319.0	320.5	321.5	321.8	321.5	320.7	318.8	316.6
-60°	299.9	299.6	298.8	297.3	298.8	299.6	299.9	299.5	298.5	296.8	294.6
-62.5°	274.6	274.7	274.0	272.6	274.0	274.7	274.6	273.9	272.5	270.6	268.5
-65°	244.2	243.9	244.4	244.7	244.4	243.9	244.2	243.9	243.1	241.8	239.8
-67.5°	216.4	216.0	215.1	213.7	215.1	216.0	216.4	216.1	215.2	213.4	210.6
-70°	187.7	188.0	187.2	185.8	187.2	188.0	187.7	187.0	185.9	184.4	182.4
-72.5°	158.0	157.4	157.8	158.0	157.8	157.4	158.0	158.3	158.2	157.6	155.9
-75°	130.3	129.6	129.9	130.1	129.9	129.6	130.3	130.8	131.0	130.6	129.3
-77.5°	102.6	101.7	100.6	99.1	100.6	101.7	102.6	103.2	103.4	103.1	102.0
-80°	74.3	73.9	72.7	71.2	72.7	73.9	74.3	74.4	74.3	74.1	73.5
-82.5°	49.8	49.4	49.5	49.6	49.5	49.4	49.8	50.2	50.4	50.5	49.7
-85°	28.4	27.8	27.9	27.9	27.9	27.8	28.4	28.9	29.4	29.7	29.3
-87.5°	10.0	9.3	9.3	9.3	9.3	9.3	10.0	10.7	11.4	12.0	11.8
-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: P627309 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-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°	11.7	11.5	11.2	11.0	10.7	10.5	10.2	9.8	9.5	9.1	8.8
85°	28.8	28.2	27.5	26.8	26.0	25.2	24.2	22.8	21.4	20.1	18.8
82.5°	48.8	47.7	46.6	45.3	43.9	42.5	40.8	38.7	36.3	33.6	30.9
80°	72.6	71.5	69.9	67.3	64.7	62.0	59.4	56.8	54.1	51.3	48.3
77.5°	100.6	98.9	96.5	92.4	88.2	83.9	79.8	76.3	72.9	69.3	65.6
75°	127.7	125.8	123.1	118.7	113.6	107.7	102.4	98.0	93.4	88.6	83.5
72.5°	153.9	151.5	148.6	144.8	140.5	135.3	128.7	121.8	115.2	108.8	102.8
70°	180.0	177.2	174.1	170.4	166.0	161.0	154.6	146.8	137.9	129.2	122.6
67.5°	207.4	203.6	200.4	197.3	193.3	188.2	180.8	172.7	163.9	153.9	144.6
65°	236.7	232.5	228.5	224.6	220.3	215.4	207.7	198.8	189.3	179.2	168.7
62.5°	265.9	263.0	258.4	252.9	247.1	240.9	233.8	225.0	214.8	203.1	191.5
60°	291.8	288.3	283.1	277.7	272.2	265.3	256.2	248.1	241.2	228.0	214.2
57.5°	314.3	310.1	303.9	298.0	292.7	284.5	275.3	266.2	257.3	248.1	236.3
55°	331.9	327.6	322.0	315.4	308.0	300.5	291.9	282.2	272.8	264.4	253.5
52.5°	349.1	344.8	339.4	332.9	325.1	316.3	307.0	297.3	288.4	279.8	270.0
50°	368.9	363.5	357.4	350.8	342.3	332.8	322.8	312.4	303.2	294.4	285.1
47.5°	393.3	385.5	376.8	368.8	359.5	349.0	338.3	327.9	317.9	307.5	298.1
45°	422.6	411.9	400.5	389.8	377.7	366.3	354.0	343.1	332.4	321.2	309.6
42.5°	459.8	443.7	428.8	414.1	399.0	385.3	371.4	358.7	346.6	334.7	322.2
40°	505.3	483.7	464.0	442.4	423.9	406.0	390.0	374.1	360.7	347.8	334.0
37.5°	561.2	533.0	506.1	478.1	453.4	429.9	409.9	391.6	374.2	360.0	345.5
35°	633.0	594.3	555.7	520.9	487.5	458.5	431.9	409.9	390.0	371.8	356.5
32.5°	729.6	675.0	616.6	571.7	527.7	489.7	457.9	429.9	406.0	385.3	367.1
30°	872.0	782.4	702.0	630.7	575.3	526.2	484.7	452.3	423.9	399.0	377.7
27.5°	1076.1	922.0	813.3	708.4	627.4	568.0	517.8	475.3	442.0	414.1	389.6
25°	1365.3	1131.4	942.8	806.0	695.8	611.4	552.2	503.0	462.2	428.6	399.1
22.5°	1761.7	1407.6	1118.1	910.6	774.6	669.6	589.7	530.3	480.7	441.3	409.2
20°	2345.0	1737.0	1344.9	1060.2	863.0	725.3	628.8	558.9	501.5	454.6	418.1
17.5°	3037.2	2193.8	1593.1	1213.1	966.5	796.9	674.1	585.2	520.3	466.1	425.3
15°	3774.9	2711.3	1940.0	1417.3	1072.4	858.2	711.7	608.5	538.3	478.8	434.2
12.5°	4717.0	3269.3	2244.2	1587.7	1176.4	924.9	755.5	638.0	556.1	492.4	443.5
10°	5608.2	3851.3	2614.4	1812.1	1303.1	990.4	794.3	660.7	569.8	503.3	451.1
7.5°	6450.2	4410.8	2934.6	1983.0	1400.8	1042.5	823.1	677.0	579.5	510.9	456.9
5°	7067.3	4827.2	3185.1	2114.8	1470.0	1080.2	841.7	687.2	585.3	515.4	460.8
2.5°	7536.8	5103.1	3337.5	2192.1	1509.5	1102.6	852.9	695.0	591.0	519.0	465.2
0°	7752.4	5209.6	3388.4	2233.1	1533.1	1108.8	857.9	700.0	594.7	520.3	467.7
-2.5°	7536.8	5103.1	3337.5	2192.1	1509.5	1102.6	852.9	695.0	591.0	519.0	465.2
-5°	7067.3	4827.2	3185.1	2114.8	1470.0	1080.2	841.7	687.2	585.3	515.4	460.8
-7.5°	6450.2	4410.8	2934.6	1983.0	1400.8	1042.5	823.1	677.0	579.5	510.9	456.9
-10°	5608.2	3851.3	2614.4	1812.1	1303.1	990.4	794.3	660.7	569.8	503.3	451.1
-12.5°	4717.0	3269.3	2244.2	1587.7	1176.4	924.9	755.5	638.0	556.1	492.4	443.5
-15°	3774.9	2711.3	1940.0	1417.3	1072.4	858.2	711.7	608.5	538.3	478.8	434.2
-17.5°	3037.2	2193.8	1593.1	1213.1	966.5	796.9	674.1	585.2	520.3	466.1	425.3
-20°	2345.0	1737.0	1344.9	1060.2	863.0	725.3	628.8	558.9	501.5	454.6	418.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627309 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1761.7	1407.6	1118.1	910.6	774.6	669.6	589.7	530.3	480.7	441.3	409.2
-25°	1365.3	1131.4	942.8	806.0	695.8	611.4	552.2	503.0	462.2	428.6	399.1
-27.5°	1076.1	922.0	813.3	708.4	627.4	568.0	517.8	475.3	442.0	414.1	389.6
-30°	872.0	782.4	702.0	630.7	575.3	526.2	484.7	452.3	423.9	399.0	377.7
-32.5°	729.6	675.0	616.6	571.7	527.7	489.7	457.9	429.9	406.0	385.3	367.1
-35°	633.0	594.3	555.7	520.9	487.5	458.5	431.9	409.9	390.0	371.8	356.5
-37.5°	561.2	533.0	506.1	478.1	453.4	429.9	409.9	391.6	374.2	360.0	345.5
-40°	505.3	483.7	464.0	442.4	423.9	406.0	390.0	374.1	360.7	347.8	334.0
-42.5°	459.8	443.7	428.8	414.1	399.0	385.3	371.4	358.7	346.6	334.7	322.2
-45°	422.6	411.9	400.5	389.8	377.7	366.3	354.0	343.1	332.4	321.2	309.6
-47.5°	393.3	385.5	376.8	368.8	359.5	349.0	338.3	327.9	317.9	307.5	298.1
-50°	368.9	363.5	357.4	350.8	342.3	332.8	322.8	312.4	303.2	294.4	285.1
-52.5°	349.1	344.8	339.4	332.9	325.1	316.3	307.0	297.3	288.4	279.8	270.0
-55°	331.9	327.6	322.0	315.4	308.0	300.5	291.9	282.2	272.8	264.4	253.5
-57.5°	314.3	310.1	303.9	298.0	292.7	284.5	275.3	266.2	257.3	248.1	236.3
-60°	291.8	288.3	283.1	277.7	272.2	265.3	256.2	248.1	241.2	228.0	214.2
-62.5°	265.9	263.0	258.4	252.9	247.1	240.9	233.8	225.0	214.8	203.1	191.5
-65°	236.7	232.5	228.5	224.6	220.3	215.4	207.7	198.8	189.3	179.2	168.7
-67.5°	207.4	203.6	200.4	197.3	193.3	188.2	180.8	172.7	163.9	153.9	144.6
-70°	180.0	177.2	174.1	170.4	166.0	161.0	154.6	146.8	137.9	129.2	122.6
-72.5°	153.9	151.5	148.6	144.8	140.5	135.3	128.7	121.8	115.2	108.8	102.8
-75°	127.7	125.8	123.1	118.7	113.6	107.7	102.4	98.0	93.4	88.6	83.5
-77.5°	100.6	98.9	96.5	92.4	88.2	83.9	79.8	76.3	72.9	69.3	65.6
-80°	72.6	71.5	69.9	67.3	64.7	62.0	59.4	56.8	54.1	51.3	48.3
-82.5°	48.8	47.7	46.6	45.3	43.9	42.5	40.8	38.7	36.3	33.6	30.9
-85°	28.8	28.2	27.5	26.8	26.0	25.2	24.2	22.8	21.4	20.1	18.8
-87.5°	11.7	11.5	11.2	11.0	10.7	10.5	10.2	9.8	9.5	9.1	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



REPORT NUMBER: P627309 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-722-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°	8.4	8.0	7.5	7.1	6.7	6.2	5.7	5.2	4.7	4.2	3.7
85°	18.1	17.3	16.3	15.1	13.8	12.4	11.4	10.5	9.5	8.5	7.4
82.5°	29.3	28.2	27.1	25.7	23.7	21.6	19.5	17.3	15.1	12.8	11.2
80°	45.4	42.6	39.9	37.2	34.1	30.9	28.0	25.1	22.1	19.1	16.1
77.5°	61.7	57.6	53.4	49.5	45.6	41.5	37.4	33.2	29.1	25.4	21.6
75°	78.2	73.2	68.2	62.9	57.6	52.1	47.2	42.1	36.9	31.7	27.0
72.5°	96.6	90.2	83.5	76.7	70.5	64.0	57.5	51.0	45.0	38.8	32.6
70°	115.8	107.9	99.9	92.3	84.3	75.9	68.4	60.7	52.9	45.9	38.8
67.5°	135.9	127.8	118.5	108.4	99.3	89.8	79.6	70.6	61.8	52.9	45.0
65°	158.0	147.9	138.2	126.5	115.0	104.0	92.9	80.9	70.6	60.7	51.0
62.5°	179.5	167.3	155.7	143.7	131.2	118.5	106.0	92.5	79.5	68.4	57.5
60°	200.9	187.3	172.8	159.2	146.2	132.8	118.6	103.8	89.5	75.9	64.0
57.5°	221.2	206.9	190.5	174.6	160.0	146.0	130.8	114.8	99.2	84.1	70.4
55°	240.1	224.2	207.2	189.8	173.4	158.1	142.3	125.3	108.5	92.3	76.6
52.5°	257.5	240.9	222.7	204.3	186.3	169.6	153.0	135.4	117.5	100.2	83.2
50°	273.7	257.4	238.1	218.4	198.6	181.0	163.6	145.1	126.1	107.7	89.7
47.5°	287.6	272.3	253.6	232.2	211.2	192.2	173.9	154.6	134.2	114.9	96.0
45°	299.1	286.0	268.1	246.6	224.0	203.8	184.1	163.9	142.6	121.8	102.1
42.5°	309.7	297.5	281.3	260.6	237.2	215.3	194.0	172.9	150.7	128.4	107.8
40°	320.6	307.6	293.6	272.8	249.5	226.4	204.0	181.6	158.5	134.9	113.3
37.5°	330.7	317.2	303.1	284.1	260.6	236.8	213.6	190.1	165.8	141.4	118.5
35°	341.0	325.9	311.3	293.0	270.2	246.2	222.7	198.2	172.7	147.5	123.5
32.5°	350.8	334.0	318.1	300.2	279.0	254.7	230.8	205.3	179.1	153.0	128.1
30°	359.8	341.5	324.7	307.2	286.5	262.1	237.7	211.8	185.1	158.1	132.4
27.5°	366.9	347.7	331.0	313.2	292.5	268.7	243.8	217.6	190.6	162.8	136.6
25°	374.1	353.5	336.1	318.7	298.1	275.5	249.4	222.8	195.4	167.2	140.3
22.5°	382.0	358.8	340.0	324.0	303.9	281.9	254.7	227.2	199.6	171.2	143.6
20°	389.0	363.5	343.0	328.1	308.5	286.8	259.8	231.3	203.2	174.7	146.4
17.5°	395.2	368.4	346.8	330.5	312.1	290.9	264.5	234.8	206.3	177.8	148.9
15°	401.6	373.6	350.3	332.5	314.9	294.4	268.7	237.9	208.7	180.4	151.1
12.5°	407.3	377.9	353.1	334.0	317.2	297.2	272.5	240.5	210.6	182.6	153.1
10°	412.1	381.1	355.1	335.0	318.7	299.3	275.7	243.0	212.7	184.2	154.8
7.5°	415.8	383.4	356.5	335.6	319.8	301.0	278.4	245.8	214.4	185.4	156.2
5°	418.5	385.2	358.6	337.5	321.1	302.4	280.3	248.1	215.7	186.0	157.2
2.5°	420.5	386.7	360.8	339.3	321.8	303.2	281.4	249.8	216.5	186.1	157.8
0°	421.2	387.2	362.4	340.7	322.1	303.5	281.8	250.9	216.8	185.8	158.0
-2.5°	420.5	386.7	360.8	339.3	321.8	303.2	281.4	249.8	216.5	186.1	157.8
-5°	418.5	385.2	358.6	337.5	321.1	302.4	280.3	248.1	215.7	186.0	157.2
-7.5°	415.8	383.4	356.5	335.6	319.8	301.0	278.4	245.8	214.4	185.4	156.2
-10°	412.1	381.1	355.1	335.0	318.7	299.3	275.7	243.0	212.7	184.2	154.8
-12.5°	407.3	377.9	353.1	334.0	317.2	297.2	272.5	240.5	210.6	182.6	153.1
-15°	401.6	373.6	350.3	332.5	314.9	294.4	268.7	237.9	208.7	180.4	151.1
-17.5°	395.2	368.4	346.8	330.5	312.1	290.9	264.5	234.8	206.3	177.8	148.9
-20°	389.0	363.5	343.0	328.1	308.5	286.8	259.8	231.3	203.2	174.7	146.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627309 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-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°	382.0	358.8	340.0	324.0	303.9	281.9	254.7	227.2	199.6	171.2	143.6
-25°	374.1	353.5	336.1	318.7	298.1	275.5	249.4	222.8	195.4	167.2	140.3
-27.5°	366.9	347.7	331.0	313.2	292.5	268.7	243.8	217.6	190.6	162.8	136.6
-30°	359.8	341.5	324.7	307.2	286.5	262.1	237.7	211.8	185.1	158.1	132.4
-32.5°	350.8	334.0	318.1	300.2	279.0	254.7	230.8	205.3	179.1	153.0	128.1
-35°	341.0	325.9	311.3	293.0	270.2	246.2	222.7	198.2	172.7	147.5	123.5
-37.5°	330.7	317.2	303.1	284.1	260.6	236.8	213.6	190.1	165.8	141.4	118.5
-40°	320.6	307.6	293.6	272.8	249.5	226.4	204.0	181.6	158.5	134.9	113.3
-42.5°	309.7	297.5	281.3	260.6	237.2	215.3	194.0	172.9	150.7	128.4	107.8
-45°	299.1	286.0	268.1	246.6	224.0	203.8	184.1	163.9	142.6	121.8	102.1
-47.5°	287.6	272.3	253.6	232.2	211.2	192.2	173.9	154.6	134.2	114.9	96.0
-50°	273.7	257.4	238.1	218.4	198.6	181.0	163.6	145.1	126.1	107.7	89.7
-52.5°	257.5	240.9	222.7	204.3	186.3	169.6	153.0	135.4	117.5	100.2	83.2
-55°	240.1	224.2	207.2	189.8	173.4	158.1	142.3	125.3	108.5	92.3	76.6
-57.5°	221.2	206.9	190.5	174.6	160.0	146.0	130.8	114.8	99.2	84.1	70.4
-60°	200.9	187.3	172.8	159.2	146.2	132.8	118.6	103.8	89.5	75.9	64.0
-62.5°	179.5	167.3	155.7	143.7	131.2	118.5	106.0	92.5	79.5	68.4	57.5
-65°	158.0	147.9	138.2	126.5	115.0	104.0	92.9	80.9	70.6	60.7	51.0
-67.5°	135.9	127.8	118.5	108.4	99.3	89.8	79.6	70.6	61.8	52.9	45.0
-70°	115.8	107.9	99.9	92.3	84.3	75.9	68.4	60.7	52.9	45.9	38.8
-72.5°	96.6	90.2	83.5	76.7	70.5	64.0	57.5	51.0	45.0	38.8	32.6
-75°	78.2	73.2	68.2	62.9	57.6	52.1	47.2	42.1	36.9	31.7	27.0
-77.5°	61.7	57.6	53.4	49.5	45.6	41.5	37.4	33.2	29.1	25.4	21.6
-80°	45.4	42.6	39.9	37.2	34.1	30.9	28.0	25.1	22.1	19.1	16.1
-82.5°	29.3	28.2	27.1	25.7	23.7	21.6	19.5	17.3	15.1	12.8	11.2
-85°	18.1	17.3	16.3	15.1	13.8	12.4	11.4	10.5	9.5	8.5	7.4
-87.5°	8.4	8.0	7.5	7.1	6.7	6.2	5.7	5.2	4.7	4.2	3.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627309 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.2	2.7	2.2	1.6	1.1	0.5	0.0
85°	6.4	5.4	4.3	3.2	2.2	0.9	0.0
82.5°	9.6	8.0	6.4	4.8	3.2	1.4	0.0
80°	13.0	10.7	8.6	6.4	4.3	1.9	0.0
77.5°	17.7	13.7	10.7	8.0	5.3	2.3	0.0
75°	22.3	17.4	12.9	9.6	6.4	2.8	0.0
72.5°	26.8	21.1	15.7	11.2	7.4	3.2	0.0
70°	31.4	24.7	18.5	12.8	8.3	3.7	0.0
67.5°	36.6	28.2	21.2	14.7	9.3	4.1	0.0
65°	41.7	32.0	23.9	16.7	10.2	4.5	0.0
62.5°	46.7	36.2	26.4	18.5	11.1	4.9	0.0
60°	51.5	40.2	28.9	20.3	12.0	5.3	0.0
57.5°	56.9	44.2	32.0	22.1	13.1	5.7	0.0
55°	62.1	48.0	35.1	23.8	14.2	6.1	0.0
52.5°	67.2	51.8	38.1	25.4	15.3	6.4	0.0
50°	72.2	56.0	41.0	27.0	16.3	6.7	0.0
47.5°	77.0	59.9	43.7	28.6	17.3	7.1	0.0
45°	82.2	63.7	46.4	30.6	18.3	7.4	0.0
42.5°	87.1	67.3	48.9	32.5	19.2	7.6	0.0
40°	91.8	70.8	51.5	34.3	20.1	7.9	0.0
37.5°	96.3	74.0	54.1	36.1	21.0	8.1	0.0
35°	100.5	77.4	56.5	37.8	21.8	8.3	0.0
32.5°	104.4	80.6	58.8	39.4	22.6	8.5	0.0
30°	108.1	83.7	61.0	40.8	23.3	8.7	0.0
27.5°	111.5	86.5	63.0	42.2	24.0	8.9	0.0
25°	114.6	89.1	65.0	43.5	24.7	9.0	0.0
22.5°	117.4	91.4	66.7	44.6	25.2	9.1	0.0
20°	119.9	93.4	68.3	45.7	25.8	9.2	0.0
17.5°	121.9	95.1	69.7	46.6	26.3	9.3	0.0
15°	123.6	96.5	70.9	47.4	26.7	9.4	0.0
12.5°	125.0	97.6	71.9	48.0	27.0	9.4	0.0
10°	126.1	98.4	72.8	48.6	27.3	9.4	0.0
7.5°	126.8	99.0	73.4	49.0	27.6	9.4	0.0
5°	127.2	99.3	73.9	49.4	27.8	9.4	0.0
2.5°	127.3	99.3	74.2	49.5	27.9	9.4	0.0
0°	127.0	99.1	74.3	49.6	27.9	9.3	0.0
-2.5°	127.3	99.3	74.2	49.5	27.9	9.4	0.0
-5°	127.2	99.3	73.9	49.4	27.8	9.4	0.0
-7.5°	126.8	99.0	73.4	49.0	27.6	9.4	0.0
-10°	126.1	98.4	72.8	48.6	27.3	9.4	0.0
-12.5°	125.0	97.6	71.9	48.0	27.0	9.4	0.0
-15°	123.6	96.5	70.9	47.4	26.7	9.4	0.0
-17.5°	121.9	95.1	69.7	46.6	26.3	9.3	0.0
-20°	119.9	93.4	68.3	45.7	25.8	9.2	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627309 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	117.4	91.4	66.7	44.6	25.2	9.1	0.0
-25°	114.6	89.1	65.0	43.5	24.7	9.0	0.0
-27.5°	111.5	86.5	63.0	42.2	24.0	8.9	0.0
-30°	108.1	83.7	61.0	40.8	23.3	8.7	0.0
-32.5°	104.4	80.6	58.8	39.4	22.6	8.5	0.0
-35°	100.5	77.4	56.5	37.8	21.8	8.3	0.0
-37.5°	96.3	74.0	54.1	36.1	21.0	8.1	0.0
-40°	91.8	70.8	51.5	34.3	20.1	7.9	0.0
-42.5°	87.1	67.3	48.9	32.5	19.2	7.6	0.0
-45°	82.2	63.7	46.4	30.6	18.3	7.4	0.0
-47.5°	77.0	59.9	43.7	28.6	17.3	7.1	0.0
-50°	72.2	56.0	41.0	27.0	16.3	6.7	0.0
-52.5°	67.2	51.8	38.1	25.4	15.3	6.4	0.0
-55°	62.1	48.0	35.1	23.8	14.2	6.1	0.0
-57.5°	56.9	44.2	32.0	22.1	13.1	5.7	0.0
-60°	51.5	40.2	28.9	20.3	12.0	5.3	0.0
-62.5°	46.7	36.2	26.4	18.5	11.1	4.9	0.0
-65°	41.7	32.0	23.9	16.7	10.2	4.5	0.0
-67.5°	36.6	28.2	21.2	14.7	9.3	4.1	0.0
-70°	31.4	24.7	18.5	12.8	8.3	3.7	0.0
-72.5°	26.8	21.1	15.7	11.2	7.4	3.2	0.0
-75°	22.3	17.4	12.9	9.6	6.4	2.8	0.0
-77.5°	17.7	13.7	10.7	8.0	5.3	2.3	0.0
-80°	13.0	10.7	8.6	6.4	4.3	1.9	0.0
-82.5°	9.6	8.0	6.4	4.8	3.2	1.4	0.0
-85°	6.4	5.4	4.3	3.2	2.2	0.9	0.0
-87.5°	3.2	2.7	2.2	1.6	1.1	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)