

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: P627605 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-722-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627605 (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-SA5C-722-U-MR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N107
Light Source: (80) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

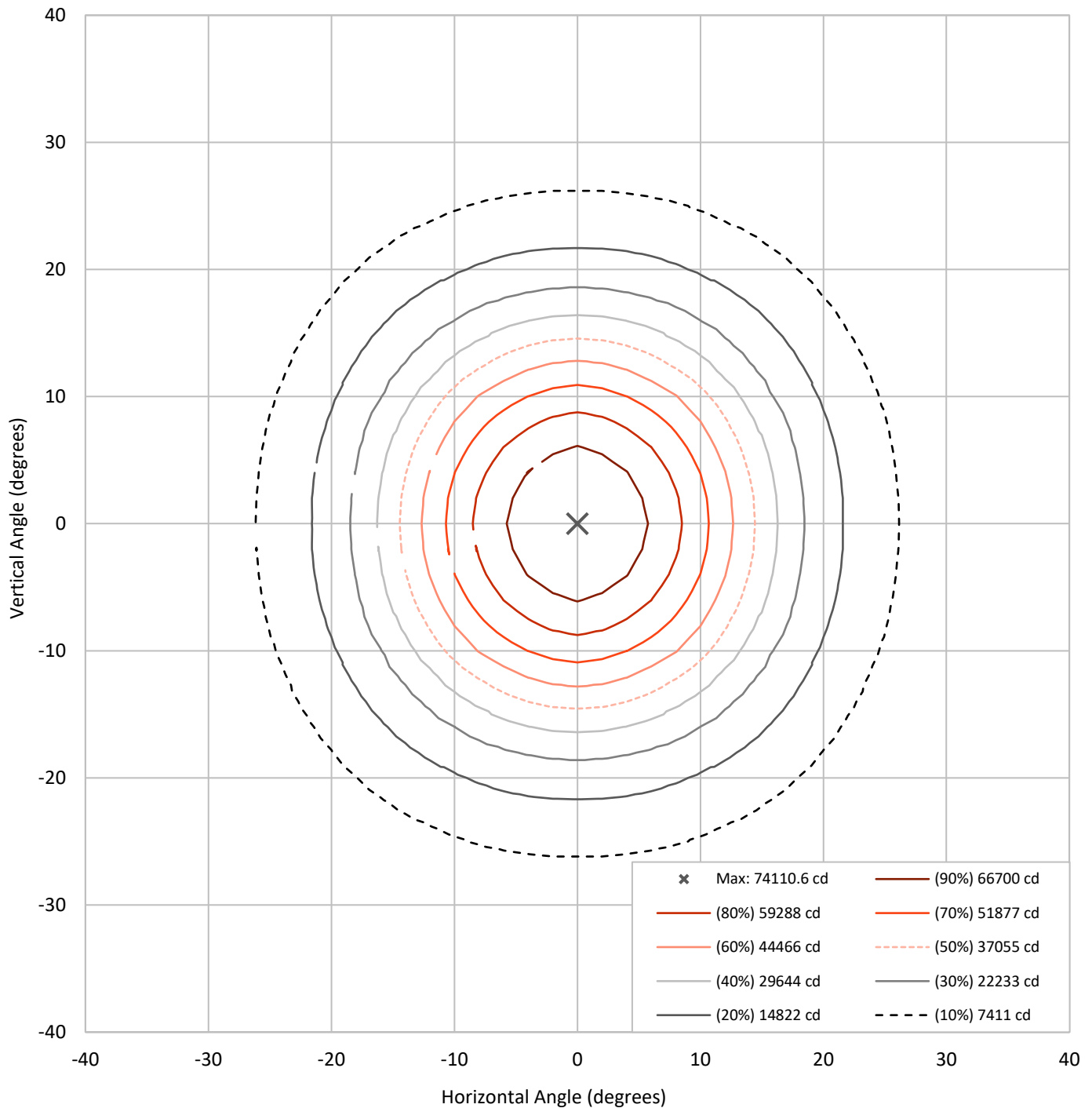
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	23154.7 lumens	Max Intensity:	74110.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	112.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	11257.5 lumens	Field Lumens:	18998.1 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	206.1		
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





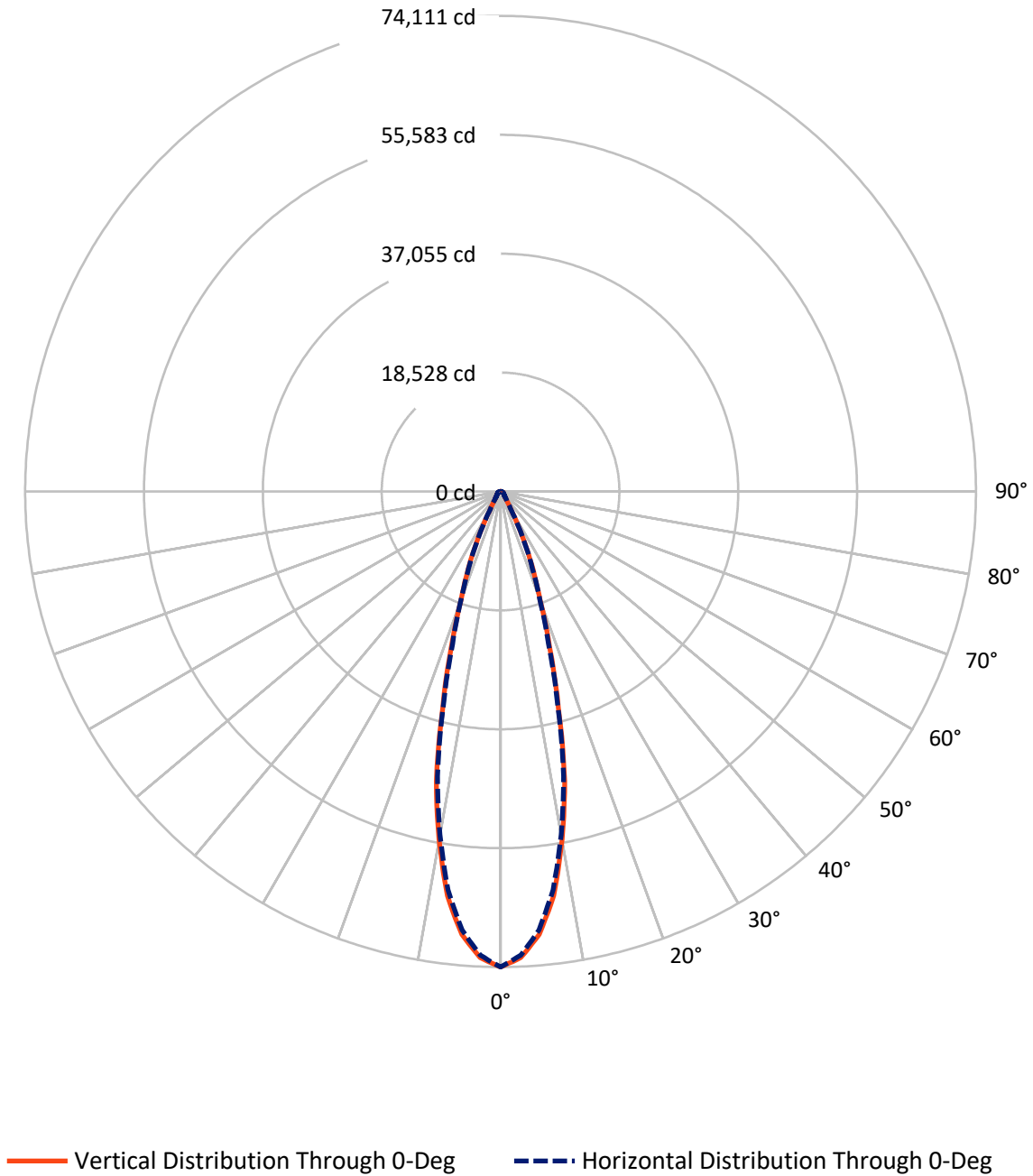
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Lumen Table

90																			
80	0.4	3.8		10.1		15.9		17.6		15.9		10.1		3.8		0.4			
70																			
60	1.7	2.0	4.0	6.5	9.2	11.2	12.5	13.2	13.2	12.5	11.2	9.2	6.5	4.0	2.0	1.7			
50		3.0	6.0	9.6	12.9	15.9	17.9	18.5	18.5	17.9	15.9	12.9	9.6	6.0	3.0				
40	3.1	3.8	7.7	11.9	15.9	20.1	23.6	25.3	25.3	23.6	20.1	15.9	11.9	7.7	3.8	3.1			
30		4.5	9.0	13.8	19.4	27.7	40.1	52.1	52.1	40.1	27.7	19.4	13.8	9.0	4.5				
20	3.9	5.0	9.9	15.5	24.9	54.1	152.4	270.3	270.3	152.4	54.1	24.9	15.5	9.9	5.0	3.9			
10		5.4	10.3	16.8	33.9	142.1	506.5	970.6	970.6	506.5	142.1	33.9	16.8	10.3	5.4				
0	4.2	5.6	10.5	17.7	43.1	245.3	937.5	1844.1	1844.1	937.5	245.3	43.1	17.7	10.5	5.6	4.2			
-10		5.6	10.5	17.7	43.1	245.3	937.5	1844.1	1844.1	937.5	245.3	43.1	17.7	10.5	5.6				
-20	3.9	5.4	10.3	16.8	33.9	142.1	506.5	970.6	970.6	506.5	142.1	33.9	16.8	10.3	5.4	3.9			
-30		5.0	9.9	15.5	24.9	54.1	152.4	270.3	270.3	152.4	54.1	24.9	15.5	9.9	5.0				
-40	3.1	4.5	9.0	13.8	19.4	27.7	40.1	52.1	52.1	40.1	27.7	19.4	13.8	9.0	4.5	3.1			
-50		3.8	7.7	11.9	15.9	20.1	23.6	25.3	25.3	23.6	20.1	15.9	11.9	7.7	3.8				
-60	1.7	3.0	6.0	9.6	12.9	15.9	17.9	18.5	18.5	17.9	15.9	12.9	9.6	6.0	3.0	1.7			
-70		2.0	4.0	6.5	9.2	11.2	12.5	13.2	13.2	12.5	11.2	9.2	6.5	4.0	2.0				
-80																			
-90	0.4	3.8		10.1		15.9		17.6		15.9		10.1		3.8		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

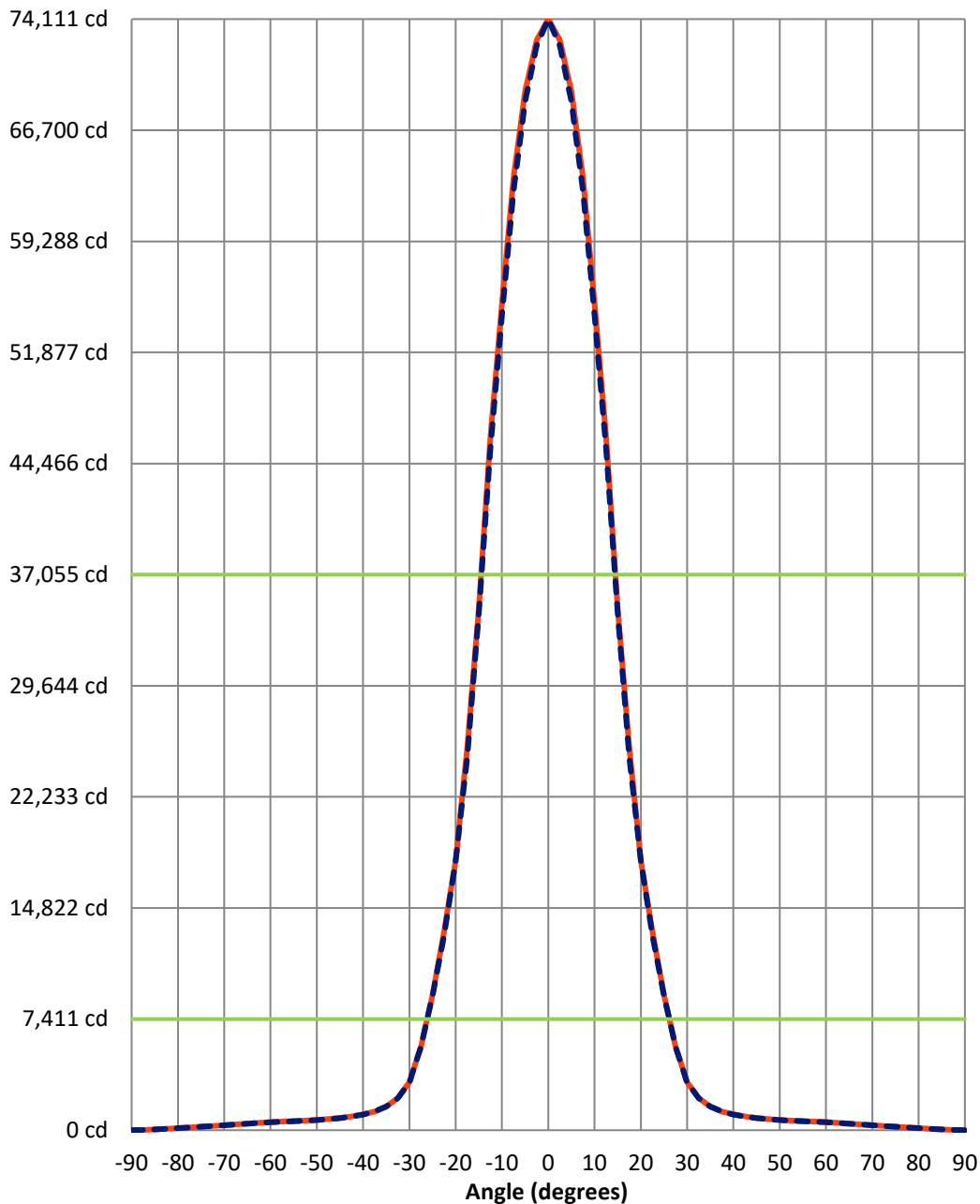
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 11257.5
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 18998.1
 Efficiency: 82.0%

Spill:
 Lumens: 4156.6
 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	3.3	4.1	4.9	5.7	6.5	7.3	8.0
85°	0.0	1.7	3.3	5.0	6.6	8.2	9.8	11.4	13.0	14.5	16.0
82.5°	0.0	2.5	5.0	7.4	9.9	12.3	14.7	17.1	19.8	24.3	29.1
80°	0.0	3.3	6.6	9.9	13.1	16.4	20.0	25.8	31.9	38.3	44.9
77.5°	0.0	4.1	8.2	12.3	16.4	21.5	28.5	35.9	43.8	52.0	61.1
75°	0.0	4.9	9.8	14.7	20.0	28.5	36.9	45.9	55.7	67.3	78.6
72.5°	0.0	5.7	11.4	17.1	25.6	35.4	45.2	56.4	69.8	83.0	96.0
70°	0.0	6.5	13.0	19.8	31.1	42.2	53.6	68.5	83.6	98.5	114.7
67.5°	0.0	7.3	14.5	23.8	36.5	49.0	64.0	80.4	97.2	115.5	133.5
65°	0.0	8.0	16.0	27.8	41.8	56.6	74.2	92.1	112.1	132.2	152.4
62.5°	0.0	8.8	17.5	31.7	47.0	64.9	84.2	104.6	126.7	148.7	171.9
60°	0.0	9.5	19.0	35.5	52.0	73.1	94.0	117.1	141.0	165.5	190.8
57.5°	0.0	10.2	21.5	39.3	58.4	81.0	104.3	129.3	155.1	181.8	209.5
55°	0.0	10.9	23.9	42.9	64.6	88.8	114.3	141.2	168.9	197.6	227.9
52.5°	0.0	11.6	26.2	46.4	70.6	96.4	124.0	152.7	182.1	213.7	245.7
50°	0.0	12.2	28.5	49.8	76.4	104.1	133.3	163.8	195.0	229.2	262.2
47.5°	0.0	12.8	30.7	53.3	82.0	111.4	142.2	174.6	208.3	244.1	277.9
45°	0.0	13.4	32.8	57.4	87.4	118.4	151.1	184.9	221.2	257.4	292.6
42.5°	0.0	14.0	34.8	61.2	92.6	125.1	159.5	195.2	233.3	269.8	306.2
40°	0.0	14.6	36.7	64.9	97.6	131.4	167.5	205.2	244.5	281.5	319.1
37.5°	0.0	15.1	38.5	68.3	102.4	137.3	175.2	214.5	254.4	292.7	331.2
35°	0.0	15.6	40.2	71.5	106.8	143.1	182.4	223.3	263.7	303.3	342.6
32.5°	0.0	16.0	41.8	74.4	111.0	148.7	189.2	231.3	272.5	313.2	353.7
30°	0.0	16.5	43.4	77.1	114.8	153.9	195.6	238.7	280.6	322.4	363.9
27.5°	0.0	16.9	44.8	79.6	118.3	158.7	201.5	245.2	288.1	330.8	373.4
25°	0.0	17.2	46.0	81.8	121.5	163.1	206.8	251.1	294.9	338.5	382.1
22.5°	0.0	17.6	47.2	83.7	124.5	167.1	211.5	256.4	301.0	345.5	390.8
20°	0.0	17.9	48.3	85.5	127.2	170.5	215.7	261.1	306.4	351.6	398.5
17.5°	0.0	18.1	49.2	86.9	129.6	173.5	219.5	265.2	311.1	357.0	405.2
15°	0.0	18.4	50.0	88.1	131.8	175.9	222.9	269.0	315.1	361.5	410.9
12.5°	0.0	18.5	50.7	89.1	133.6	177.9	225.9	272.6	318.8	365.2	415.6
10°	0.0	18.7	51.3	89.8	135.2	179.4	228.5	275.5	322.2	369.7	420.0
7.5°	0.0	18.8	51.7	90.3	136.4	180.4	230.5	277.8	324.8	373.6	424.8
5°	0.0	18.9	52.0	90.6	137.3	181.0	231.9	279.4	326.7	376.8	428.5
2.5°	0.0	19.0	52.2	90.6	137.8	181.1	232.8	280.4	327.8	379.1	431.2
0°	0.0	19.0	52.3	90.4	138.0	180.8	233.1	280.7	328.2	380.6	432.9
-2.5°	0.0	19.0	52.2	90.6	137.8	181.1	232.8	280.4	327.8	379.1	431.2
-5°	0.0	18.9	52.0	90.6	137.3	181.0	231.9	279.4	326.7	376.8	428.5
-7.5°	0.0	18.8	51.7	90.3	136.4	180.4	230.5	277.8	324.8	373.6	424.8
-10°	0.0	18.7	51.3	89.8	135.2	179.4	228.5	275.5	322.2	369.7	420.0
-12.5°	0.0	18.5	50.7	89.1	133.6	177.9	225.9	272.6	318.8	365.2	415.6
-15°	0.0	18.4	50.0	88.1	131.8	175.9	222.9	269.0	315.1	361.5	410.9
-17.5°	0.0	18.1	49.2	86.9	129.6	173.5	219.5	265.2	311.1	357.0	405.2
-20°	0.0	17.9	48.3	85.5	127.2	170.5	215.7	261.1	306.4	351.6	398.5

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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	17.6	47.2	83.7	124.5	167.1	211.5	256.4	301.0	345.5	390.8
-25°	0.0	17.2	46.0	81.8	121.5	163.1	206.8	251.1	294.9	338.5	382.1
-27.5°	0.0	16.9	44.8	79.6	118.3	158.7	201.5	245.2	288.1	330.8	373.4
-30°	0.0	16.5	43.4	77.1	114.8	153.9	195.6	238.7	280.6	322.4	363.9
-32.5°	0.0	16.0	41.8	74.4	111.0	148.7	189.2	231.3	272.5	313.2	353.7
-35°	0.0	15.6	40.2	71.5	106.8	143.1	182.4	223.3	263.7	303.3	342.6
-37.5°	0.0	15.1	38.5	68.3	102.4	137.3	175.2	214.5	254.4	292.7	331.2
-40°	0.0	14.6	36.7	64.9	97.6	131.4	167.5	205.2	244.5	281.5	319.1
-42.5°	0.0	14.0	34.8	61.2	92.6	125.1	159.5	195.2	233.3	269.8	306.2
-45°	0.0	13.4	32.8	57.4	87.4	118.4	151.1	184.9	221.2	257.4	292.6
-47.5°	0.0	12.8	30.7	53.3	82.0	111.4	142.2	174.6	208.3	244.1	277.9
-50°	0.0	12.2	28.5	49.8	76.4	104.1	133.3	163.8	195.0	229.2	262.2
-52.5°	0.0	11.6	26.2	46.4	70.6	96.4	124.0	152.7	182.1	213.7	245.7
-55°	0.0	10.9	23.9	42.9	64.6	88.8	114.3	141.2	168.9	197.6	227.9
-57.5°	0.0	10.2	21.5	39.3	58.4	81.0	104.3	129.3	155.1	181.8	209.5
-60°	0.0	9.5	19.0	35.5	52.0	73.1	94.0	117.1	141.0	165.5	190.8
-62.5°	0.0	8.8	17.5	31.7	47.0	64.9	84.2	104.6	126.7	148.7	171.9
-65°	0.0	8.0	16.0	27.8	41.8	56.6	74.2	92.1	112.1	132.2	152.4
-67.5°	0.0	7.3	14.5	23.8	36.5	49.0	64.0	80.4	97.2	115.5	133.5
-70°	0.0	6.5	13.0	19.8	31.1	42.2	53.6	68.5	83.6	98.5	114.7
-72.5°	0.0	5.7	11.4	17.1	25.6	35.4	45.2	56.4	69.8	83.0	96.0
-75°	0.0	4.9	9.8	14.7	20.0	28.5	36.9	45.9	55.7	67.3	78.6
-77.5°	0.0	4.1	8.2	12.3	16.4	21.5	28.5	35.9	43.8	52.0	61.1
-80°	0.0	3.3	6.6	9.9	13.1	16.4	20.0	25.8	31.9	38.3	44.9
-82.5°	0.0	2.5	5.0	7.4	9.9	12.3	14.7	17.1	19.8	24.3	29.1
-85°	0.0	1.7	3.3	5.0	6.6	8.2	9.8	11.4	13.0	14.5	16.0
-87.5°	0.0	0.8	1.7	2.5	3.3	4.1	4.9	5.7	6.5	7.3	8.0
-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°	8.8	9.5	10.2	10.9	11.6	12.2	12.8	13.4	14.0	14.6	15.1
85°	17.5	19.0	21.8	24.6	27.3	29.8	32.3	34.7	37.0	39.2	41.3
82.5°	33.6	37.9	42.2	46.3	50.4	54.2	58.0	61.6	65.0	68.3	71.4
80°	51.0	56.8	62.7	68.0	73.3	78.5	83.5	88.3	92.9	97.8	103.1
77.5°	69.4	76.8	83.6	89.8	96.5	104.6	112.4	119.9	127.1	134.0	140.6
75°	88.4	96.9	106.1	115.3	124.9	134.6	144.1	153.2	162.0	171.1	180.2
72.5°	108.4	119.9	131.1	142.0	154.0	165.9	176.7	186.6	197.8	210.1	221.4
70°	129.6	142.9	157.0	171.0	184.6	197.8	211.3	224.8	238.4	251.7	264.4
67.5°	150.9	167.6	183.9	199.8	215.3	231.1	247.0	263.4	279.1	294.1	308.8
65°	173.6	192.2	210.5	228.3	245.6	264.8	283.7	301.9	321.9	340.3	356.4
62.5°	195.6	216.5	236.7	256.8	277.8	299.2	321.0	343.9	367.7	384.8	399.5
60°	216.9	240.4	262.9	286.0	309.4	333.4	358.6	383.0	404.7	423.4	438.9
57.5°	237.6	264.0	289.0	314.0	339.5	366.8	394.6	419.5	439.7	457.7	474.7
55°	257.7	287.0	313.5	340.1	369.1	401.2	429.6	452.1	472.8	487.6	503.9
52.5°	276.8	308.1	335.8	365.7	399.0	432.2	460.4	482.3	499.6	515.0	530.9
50°	295.1	326.6	357.3	391.3	426.4	459.7	488.3	508.4	525.9	541.9	557.2
47.5°	311.6	344.3	379.1	415.5	452.1	485.1	512.4	533.0	551.1	567.5	584.3
45°	327.3	362.4	399.4	439.1	476.7	509.4	534.3	556.3	573.7	592.3	613.3
42.5°	342.2	379.8	419.9	462.2	500.6	530.5	554.7	575.8	595.8	618.1	641.6
40°	356.8	396.0	439.4	483.9	523.0	549.0	573.1	595.5	618.6	643.9	669.4
37.5°	370.5	412.6	457.7	504.1	539.5	566.4	591.4	616.3	642.2	669.4	701.3
35°	383.1	427.8	475.1	520.0	554.0	583.3	610.1	637.2	666.2	699.5	734.6
32.5°	395.3	441.7	491.3	533.5	567.3	598.5	628.1	658.7	692.0	728.6	768.7
30°	407.4	455.3	505.5	547.2	579.0	611.1	645.8	679.8	716.8	757.5	804.6
27.5°	419.1	467.9	517.4	557.9	589.4	622.0	659.2	700.6	741.0	785.5	840.1
25°	429.7	480.8	529.2	566.5	598.3	632.4	671.2	715.4	762.9	815.9	882.7
22.5°	439.9	492.5	540.3	573.7	605.7	641.6	683.3	730.0	781.6	843.0	924.7
20°	449.3	501.7	547.7	580.4	611.9	648.9	693.8	742.9	801.8	876.3	973.9
17.5°	457.6	509.4	552.8	585.9	618.3	656.3	702.7	753.8	820.1	905.6	1021.2
15°	464.6	515.7	557.2	590.1	623.8	664.1	711.8	767.5	840.1	934.3	1062.0
12.5°	470.5	520.6	560.9	593.1	628.0	669.8	719.5	780.7	860.0	965.7	1117.1
10°	475.0	524.2	563.8	595.0	631.0	673.6	725.6	791.0	876.2	991.9	1164.2
7.5°	479.5	527.4	565.9	595.8	632.7	675.5	729.9	798.2	888.0	1011.6	1201.8
5°	482.7	530.4	567.1	597.6	633.8	676.4	732.7	802.5	895.4	1024.5	1228.3
2.5°	484.6	532.2	567.1	598.9	633.9	676.7	736.1	804.8	903.6	1035.5	1243.5
0°	485.2	532.8	566.1	599.4	632.7	675.5	737.3	803.9	908.6	1041.8	1246.4
-2.5°	484.6	532.2	567.1	598.9	633.9	676.7	736.1	804.8	903.6	1035.5	1243.5
-5°	482.7	530.4	567.1	597.6	633.8	676.4	732.7	802.5	895.4	1024.5	1228.3
-7.5°	479.5	527.4	565.9	595.8	632.7	675.5	729.9	798.2	888.0	1011.6	1201.8
-10°	475.0	524.2	563.8	595.0	631.0	673.6	725.6	791.0	876.2	991.9	1164.2
-12.5°	470.5	520.6	560.9	593.1	628.0	669.8	719.5	780.7	860.0	965.7	1117.1
-15°	464.6	515.7	557.2	590.1	623.8	664.1	711.8	767.5	840.1	934.3	1062.0
-17.5°	457.6	509.4	552.8	585.9	618.3	656.3	702.7	753.8	820.1	905.6	1021.2
-20°	449.3	501.7	547.7	580.4	611.9	648.9	693.8	742.9	801.8	876.3	973.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627605 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	439.9	492.5	540.3	573.7	605.7	641.6	683.3	730.0	781.6	843.0	924.7
-25°	429.7	480.8	529.2	566.5	598.3	632.4	671.2	715.4	762.9	815.9	882.7
-27.5°	419.1	467.9	517.4	557.9	589.4	622.0	659.2	700.6	741.0	785.5	840.1
-30°	407.4	455.3	505.5	547.2	579.0	611.1	645.8	679.8	716.8	757.5	804.6
-32.5°	395.3	441.7	491.3	533.5	567.3	598.5	628.1	658.7	692.0	728.6	768.7
-35°	383.1	427.8	475.1	520.0	554.0	583.3	610.1	637.2	666.2	699.5	734.6
-37.5°	370.5	412.6	457.7	504.1	539.5	566.4	591.4	616.3	642.2	669.4	701.3
-40°	356.8	396.0	439.4	483.9	523.0	549.0	573.1	595.5	618.6	643.9	669.4
-42.5°	342.2	379.8	419.9	462.2	500.6	530.5	554.7	575.8	595.8	618.1	641.6
-45°	327.3	362.4	399.4	439.1	476.7	509.4	534.3	556.3	573.7	592.3	613.3
-47.5°	311.6	344.3	379.1	415.5	452.1	485.1	512.4	533.0	551.1	567.5	584.3
-50°	295.1	326.6	357.3	391.3	426.4	459.7	488.3	508.4	525.9	541.9	557.2
-52.5°	276.8	308.1	335.8	365.7	399.0	432.2	460.4	482.3	499.6	515.0	530.9
-55°	257.7	287.0	313.5	340.1	369.1	401.2	429.6	452.1	472.8	487.6	503.9
-57.5°	237.6	264.0	289.0	314.0	339.5	366.8	394.6	419.5	439.7	457.7	474.7
-60°	216.9	240.4	262.9	286.0	309.4	333.4	358.6	383.0	404.7	423.4	438.9
-62.5°	195.6	216.5	236.7	256.8	277.8	299.2	321.0	343.9	367.7	384.8	399.5
-65°	173.6	192.2	210.5	228.3	245.6	264.8	283.7	301.9	321.9	340.3	356.4
-67.5°	150.9	167.6	183.9	199.8	215.3	231.1	247.0	263.4	279.1	294.1	308.8
-70°	129.6	142.9	157.0	171.0	184.6	197.8	211.3	224.8	238.4	251.7	264.4
-72.5°	108.4	119.9	131.1	142.0	154.0	165.9	176.7	186.6	197.8	210.1	221.4
-75°	88.4	96.9	106.1	115.3	124.9	134.6	144.1	153.2	162.0	171.1	180.2
-77.5°	69.4	76.8	83.6	89.8	96.5	104.6	112.4	119.9	127.1	134.0	140.6
-80°	51.0	56.8	62.7	68.0	73.3	78.5	83.5	88.3	92.9	97.8	103.1
-82.5°	33.6	37.9	42.2	46.3	50.4	54.2	58.0	61.6	65.0	68.3	71.4
-85°	17.5	19.0	21.8	24.6	27.3	29.8	32.3	34.7	37.0	39.2	41.3
-87.5°	8.8	9.5	10.2	10.9	11.6	12.2	12.8	13.4	14.0	14.6	15.1
-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: P627605 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	15.6	16.0	16.5	16.9	17.2	17.6	17.9	18.1	18.4	18.5	18.7
85°	43.3	45.1	46.9	48.5	49.9	50.3	50.4	50.3	50.0	50.7	51.3
82.5°	74.4	77.7	81.1	84.5	87.7	89.0	89.8	90.4	90.8	92.0	93.1
80°	108.0	113.3	118.2	122.6	126.5	129.2	131.7	134.1	136.2	137.2	137.6
77.5°	147.1	153.5	159.5	165.1	170.2	174.2	177.5	180.2	182.2	183.5	184.3
75°	189.2	197.3	204.5	211.2	217.3	221.7	224.7	226.9	228.4	230.0	231.2
72.5°	231.7	240.9	249.5	257.6	264.6	269.6	273.1	275.9	278.0	279.6	280.4
70°	276.4	287.4	296.8	304.9	311.3	316.1	319.8	322.8	325.2	326.7	327.6
67.5°	322.7	334.4	343.3	350.3	356.1	361.1	365.8	369.2	371.5	373.8	376.2
65°	369.8	381.7	390.8	398.3	404.3	410.9	416.8	421.3	424.2	426.9	429.7
62.5°	414.1	427.7	438.1	447.9	457.8	467.2	472.6	476.8	479.8	482.5	485.6
60°	454.4	469.8	482.6	494.4	506.6	518.7	523.7	527.7	531.4	534.9	538.0
57.5°	490.1	506.5	522.0	533.8	545.4	556.7	564.6	568.9	571.8	573.4	574.7
55°	521.2	537.6	553.1	566.7	579.2	590.9	599.7	603.8	607.0	609.0	610.2
52.5°	549.1	566.6	583.2	598.2	611.8	624.4	635.3	641.1	645.8	649.2	650.2
50°	576.5	595.4	613.4	629.4	645.2	660.3	674.2	682.3	687.9	691.4	692.5
47.5°	605.1	625.6	645.1	663.7	681.7	699.5	716.0	726.9	735.1	741.0	745.3
45°	634.8	656.9	678.4	700.4	721.1	744.1	764.9	780.9	792.7	803.0	811.1
42.5°	664.8	689.6	714.4	742.7	770.8	797.0	821.8	843.0	862.3	881.3	896.0
40°	697.4	724.5	758.4	791.9	826.7	857.2	893.3	925.7	955.5	987.5	1014.1
37.5°	733.0	767.9	808.0	848.2	893.3	937.2	987.7	1037.5	1080.7	1136.9	1182.0
35°	771.8	816.0	863.3	917.2	975.5	1044.3	1115.0	1197.9	1268.2	1357.6	1440.1
32.5°	815.0	867.0	928.4	1002.5	1081.2	1191.6	1295.1	1435.7	1555.9	1710.9	1880.3
30°	858.9	926.1	1009.6	1105.4	1238.4	1395.1	1577.8	1815.4	2072.5	2338.5	2696.5
27.5°	911.0	998.2	1102.5	1250.4	1449.4	1666.3	2038.5	2440.3	3000.2	3443.5	4232.8
25°	967.1	1075.0	1229.1	1443.5	1718.4	2157.4	2785.6	3513.2	4633.5	5630.0	6775.2
22.5°	1033.5	1180.1	1384.2	1664.9	2144.2	2899.4	3880.0	5374.0	7034.8	8673.9	10172.1
20°	1103.8	1281.0	1566.3	2023.5	2764.2	3856.2	5605.9	7740.7	9945.4	12191.8	14084.9
17.5°	1186.0	1426.6	1802.4	2409.5	3466.4	5336.1	7673.0	10387.5	13267.9	16134.4	18624.2
15°	1256.6	1553.8	2059.9	2969.3	4545.3	6883.9	9756.2	13184.4	16806.7	20526.7	24558.5
12.5°	1346.6	1707.2	2325.2	3432.1	5502.6	8542.2	12056.7	16037.0	20460.2	25399.5	31685.1
10°	1429.2	1868.0	2674.2	4173.6	6653.3	10091.3	14043.8	18559.6	24296.9	31719.5	39301.3
7.5°	1495.4	1995.6	2944.9	4752.2	7618.3	11414.6	15833.0	21247.3	28405.0	37243.6	45906.3
5°	1541.5	2084.0	3138.6	5189.4	8394.5	12426.0	17102.8	23228.5	31867.7	41765.3	50610.6
2.5°	1570.4	2132.4	3233.4	5449.0	8900.8	13034.6	17895.0	24487.7	33990.0	44643.7	53599.3
0°	1584.1	2140.7	3173.0	5575.3	8971.9	12991.6	17967.5	24908.1	34493.6	45425.4	54344.9
-2.5°	1570.4	2132.4	3233.4	5449.0	8900.8	13034.6	17895.0	24487.7	33990.0	44643.7	53599.3
-5°	1541.5	2084.0	3138.6	5189.4	8394.5	12426.0	17102.8	23228.5	31867.7	41765.3	50610.6
-7.5°	1495.4	1995.6	2944.9	4752.2	7618.3	11414.6	15833.0	21247.3	28405.0	37243.6	45906.3
-10°	1429.2	1868.0	2674.2	4173.6	6653.3	10091.3	14043.8	18559.6	24296.9	31719.5	39301.3
-12.5°	1346.6	1707.2	2325.2	3432.1	5502.6	8542.2	12056.7	16037.0	20460.2	25399.5	31685.1
-15°	1256.6	1553.8	2059.9	2969.3	4545.3	6883.9	9756.2	13184.4	16806.7	20526.7	24558.5
-17.5°	1186.0	1426.6	1802.4	2409.5	3466.4	5336.1	7673.0	10387.5	13267.9	16134.4	18624.2
-20°	1103.8	1281.0	1566.3	2023.5	2764.2	3856.2	5605.9	7740.7	9945.4	12191.8	14084.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627605 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	1033.5	1180.1	1384.2	1664.9	2144.2	2899.4	3880.0	5374.0	7034.8	8673.9	10172.1
-25°	967.1	1075.0	1229.1	1443.5	1718.4	2157.4	2785.6	3513.2	4633.5	5630.0	6775.2
-27.5°	911.0	998.2	1102.5	1250.4	1449.4	1666.3	2038.5	2440.3	3000.2	3443.5	4232.8
-30°	858.9	926.1	1009.6	1105.4	1238.4	1395.1	1577.8	1815.4	2072.5	2338.5	2696.5
-32.5°	815.0	867.0	928.4	1002.5	1081.2	1191.6	1295.1	1435.7	1555.9	1710.9	1880.3
-35°	771.8	816.0	863.3	917.2	975.5	1044.3	1115.0	1197.9	1268.2	1357.6	1440.1
-37.5°	733.0	767.9	808.0	848.2	893.3	937.2	987.7	1037.5	1080.7	1136.9	1182.0
-40°	697.4	724.5	758.4	791.9	826.7	857.2	893.3	925.7	955.5	987.5	1014.1
-42.5°	664.8	689.6	714.4	742.7	770.8	797.0	821.8	843.0	862.3	881.3	896.0
-45°	634.8	656.9	678.4	700.4	721.1	744.1	764.9	780.9	792.7	803.0	811.1
-47.5°	605.1	625.6	645.1	663.7	681.7	699.5	716.0	726.9	735.1	741.0	745.3
-50°	576.5	595.4	613.4	629.4	645.2	660.3	674.2	682.3	687.9	691.4	692.5
-52.5°	549.1	566.6	583.2	598.2	611.8	624.4	635.3	641.1	645.8	649.2	650.2
-55°	521.2	537.6	553.1	566.7	579.2	590.9	599.7	603.8	607.0	609.0	610.2
-57.5°	490.1	506.5	522.0	533.8	545.4	556.7	564.6	568.9	571.8	573.4	574.7
-60°	454.4	469.8	482.6	494.4	506.6	518.7	523.7	527.7	531.4	534.9	538.0
-62.5°	414.1	427.7	438.1	447.9	457.8	467.2	472.6	476.8	479.8	482.5	485.6
-65°	369.8	381.7	390.8	398.3	404.3	410.9	416.8	421.3	424.2	426.9	429.7
-67.5°	322.7	334.4	343.3	350.3	356.1	361.1	365.8	369.2	371.5	373.8	376.2
-70°	276.4	287.4	296.8	304.9	311.3	316.1	319.8	322.8	325.2	326.7	327.6
-72.5°	231.7	240.9	249.5	257.6	264.6	269.6	273.1	275.9	278.0	279.6	280.4
-75°	189.2	197.3	204.5	211.2	217.3	221.7	224.7	226.9	228.4	230.0	231.2
-77.5°	147.1	153.5	159.5	165.1	170.2	174.2	177.5	180.2	182.2	183.5	184.3
-80°	108.0	113.3	118.2	122.6	126.5	129.2	131.7	134.1	136.2	137.2	137.6
-82.5°	74.4	77.7	81.1	84.5	87.7	89.0	89.8	90.4	90.8	92.0	93.1
-85°	43.3	45.1	46.9	48.5	49.9	50.3	50.4	50.3	50.0	50.7	51.3
-87.5°	15.6	16.0	16.5	16.9	17.2	17.6	17.9	18.1	18.4	18.5	18.7
-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: P627605 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	18.8	18.9	19.0	19.0	19.0	18.9	18.8	18.7	18.5	18.4	18.1
85°	51.7	52.0	52.2	52.3	52.2	52.0	51.7	51.3	50.7	50.0	50.3
82.5°	94.0	94.6	95.0	95.1	95.0	94.6	94.0	93.1	92.0	90.8	90.4
80°	137.7	137.4	137.8	138.0	137.8	137.4	137.7	137.6	137.2	136.2	134.1
77.5°	184.7	184.6	185.3	185.5	185.3	184.6	184.7	184.3	183.5	182.2	180.2
75°	231.9	232.1	232.8	233.1	232.8	232.1	231.9	231.2	230.0	228.4	226.9
72.5°	280.4	279.6	280.4	280.7	280.4	279.6	280.4	280.4	279.6	278.0	275.9
70°	327.7	327.0	330.1	333.0	330.1	327.0	327.7	327.6	326.7	325.2	322.8
67.5°	377.9	378.9	382.3	385.3	382.3	378.9	377.9	376.2	373.8	371.5	369.2
65°	431.1	431.3	434.5	437.7	434.5	431.3	431.1	429.7	426.9	424.2	421.3
62.5°	487.4	488.0	491.4	494.7	491.4	488.0	487.4	485.6	482.5	479.8	476.8
60°	539.8	540.4	541.7	542.3	541.7	540.4	539.8	538.0	534.9	531.4	527.7
57.5°	575.1	574.6	575.1	575.6	575.1	574.6	575.1	574.7	573.4	571.8	568.9
55°	610.0	608.4	606.5	604.1	606.5	608.4	610.0	610.2	609.0	607.0	603.8
52.5°	649.4	646.9	644.6	642.2	644.6	646.9	649.4	650.2	649.2	645.8	641.1
50°	691.8	689.6	687.3	685.0	687.3	689.6	691.8	692.5	691.4	687.9	682.3
47.5°	748.3	749.3	748.9	746.9	748.9	749.3	748.3	745.3	741.0	735.1	726.9
45°	816.9	819.7	820.0	818.2	820.0	819.7	816.9	811.1	803.0	792.7	780.9
42.5°	906.5	912.5	915.8	918.1	915.8	912.5	906.5	896.0	881.3	862.3	843.0
40°	1033.4	1045.7	1053.5	1060.8	1053.5	1045.7	1033.4	1014.1	987.5	955.5	925.7
37.5°	1215.4	1237.8	1247.8	1241.6	1247.8	1237.8	1215.4	1182.0	1136.9	1080.7	1037.5
35°	1503.6	1546.0	1568.1	1569.8	1568.1	1546.0	1503.6	1440.1	1357.6	1268.2	1197.9
32.5°	2005.5	2092.2	2138.9	2145.4	2138.9	2092.2	2005.5	1880.3	1710.9	1555.9	1435.7
30°	2970.6	3147.6	3230.8	3211.0	3230.8	3147.6	2970.6	2696.5	2338.5	2072.5	1815.4
27.5°	4846.5	5288.1	5549.8	5570.5	5549.8	5288.1	4846.5	4232.8	3443.5	3000.2	2440.3
25°	7789.4	8543.2	9025.9	9033.7	9025.9	8543.2	7789.4	6775.2	5630.0	4633.5	3513.2
22.5°	11557.4	12586.3	13150.0	13248.5	13150.0	12586.3	11557.4	10172.1	8673.9	7034.8	5374.0
20°	15922.7	17291.4	18023.7	18024.6	18023.7	17291.4	15922.7	14084.9	12191.8	9945.4	7740.7
17.5°	21298.7	23521.2	24916.4	25517.0	24916.4	23521.2	21298.7	18624.2	16134.4	13267.9	10387.5
15°	28440.8	32175.7	34413.7	34817.1	34413.7	32175.7	28440.8	24558.5	20526.7	16806.7	13184.4
12.5°	37137.2	41863.8	45041.1	46205.5	45041.1	41863.8	37137.2	31685.1	25399.5	20460.2	16037.0
10°	46217.0	50596.4	54000.3	55144.1	54000.3	50596.4	46217.0	39301.3	31719.5	24296.9	18559.6
7.5°	52776.4	57998.7	61832.9	63516.5	61832.9	57998.7	52776.4	45906.3	37243.6	28405.0	21247.3
5°	57954.4	64133.7	67702.9	69286.9	67702.9	64133.7	57954.4	50610.6	41765.3	31867.7	23228.5
2.5°	61351.8	67457.6	71237.1	72697.7	71237.1	67457.6	61351.8	53599.3	44643.7	33990.0	24487.7
0°	62622.2	68592.3	72326.7	74110.6	72326.7	68592.3	62622.2	54344.9	45425.4	34493.6	24908.1
-2.5°	61351.8	67457.6	71237.1	72697.7	71237.1	67457.6	61351.8	53599.3	44643.7	33990.0	24487.7
-5°	57954.4	64133.7	67702.9	69286.9	67702.9	64133.7	57954.4	50610.6	41765.3	31867.7	23228.5
-7.5°	52776.4	57998.7	61832.9	63516.5	61832.9	57998.7	52776.4	45906.3	37243.6	28405.0	21247.3
-10°	46217.0	50596.4	54000.3	55144.1	54000.3	50596.4	46217.0	39301.3	31719.5	24296.9	18559.6
-12.5°	37137.2	41863.8	45041.1	46205.5	45041.1	41863.8	37137.2	31685.1	25399.5	20460.2	16037.0
-15°	28440.8	32175.7	34413.7	34817.1	34413.7	32175.7	28440.8	24558.5	20526.7	16806.7	13184.4
-17.5°	21298.7	23521.2	24916.4	25517.0	24916.4	23521.2	21298.7	18624.2	16134.4	13267.9	10387.5
-20°	15922.7	17291.4	18023.7	18024.6	18023.7	17291.4	15922.7	14084.9	12191.8	9945.4	7740.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627605 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	11557.4	12586.3	13150.0	13248.5	13150.0	12586.3	11557.4	10172.1	8673.9	7034.8	5374.0
-25°	7789.4	8543.2	9025.9	9033.7	9025.9	8543.2	7789.4	6775.2	5630.0	4633.5	3513.2
-27.5°	4846.5	5288.1	5549.8	5570.5	5549.8	5288.1	4846.5	4232.8	3443.5	3000.2	2440.3
-30°	2970.6	3147.6	3230.8	3211.0	3230.8	3147.6	2970.6	2696.5	2338.5	2072.5	1815.4
-32.5°	2005.5	2092.2	2138.9	2145.4	2138.9	2092.2	2005.5	1880.3	1710.9	1555.9	1435.7
-35°	1503.6	1546.0	1568.1	1569.8	1568.1	1546.0	1503.6	1440.1	1357.6	1268.2	1197.9
-37.5°	1215.4	1237.8	1247.8	1241.6	1247.8	1237.8	1215.4	1182.0	1136.9	1080.7	1037.5
-40°	1033.4	1045.7	1053.5	1060.8	1053.5	1045.7	1033.4	1014.1	987.5	955.5	925.7
-42.5°	906.5	912.5	915.8	918.1	915.8	912.5	906.5	896.0	881.3	862.3	843.0
-45°	816.9	819.7	820.0	818.2	820.0	819.7	816.9	811.1	803.0	792.7	780.9
-47.5°	748.3	749.3	748.9	746.9	748.9	749.3	748.3	745.3	741.0	735.1	726.9
-50°	691.8	689.6	687.3	685.0	687.3	689.6	691.8	692.5	691.4	687.9	682.3
-52.5°	649.4	646.9	644.6	642.2	644.6	646.9	649.4	650.2	649.2	645.8	641.1
-55°	610.0	608.4	606.5	604.1	606.5	608.4	610.0	610.2	609.0	607.0	603.8
-57.5°	575.1	574.6	575.1	575.6	575.1	574.6	575.1	574.7	573.4	571.8	568.9
-60°	539.8	540.4	541.7	542.3	541.7	540.4	539.8	538.0	534.9	531.4	527.7
-62.5°	487.4	488.0	491.4	494.7	491.4	488.0	487.4	485.6	482.5	479.8	476.8
-65°	431.1	431.3	434.5	437.7	434.5	431.3	431.1	429.7	426.9	424.2	421.3
-67.5°	377.9	378.9	382.3	385.3	382.3	378.9	377.9	376.2	373.8	371.5	369.2
-70°	327.7	327.0	330.1	333.0	330.1	327.0	327.7	327.6	326.7	325.2	322.8
-72.5°	280.4	279.6	280.4	280.7	280.4	279.6	280.4	280.4	279.6	278.0	275.9
-75°	231.9	232.1	232.8	233.1	232.8	232.1	231.9	231.2	230.0	228.4	226.9
-77.5°	184.7	184.6	185.3	185.5	185.3	184.6	184.7	184.3	183.5	182.2	180.2
-80°	137.7	137.4	137.8	138.0	137.8	137.4	137.7	137.6	137.2	136.2	134.1
-82.5°	94.0	94.6	95.0	95.1	95.0	94.6	94.0	93.1	92.0	90.8	90.4
-85°	51.7	52.0	52.2	52.3	52.2	52.0	51.7	51.3	50.7	50.0	50.3
-87.5°	18.8	18.9	19.0	19.0	19.0	18.9	18.8	18.7	18.5	18.4	18.1
-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: P627605 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	17.9	17.6	17.2	16.9	16.5	16.0	15.6	15.1	14.6	14.0	13.4
85°	50.4	50.3	49.9	48.5	46.9	45.1	43.3	41.3	39.2	37.0	34.7
82.5°	89.8	89.0	87.7	84.5	81.1	77.7	74.4	71.4	68.3	65.0	61.6
80°	131.7	129.2	126.5	122.6	118.2	113.3	108.0	103.1	97.8	92.9	88.3
77.5°	177.5	174.2	170.2	165.1	159.5	153.5	147.1	140.6	134.0	127.1	119.9
75°	224.7	221.7	217.3	211.2	204.5	197.3	189.2	180.2	171.1	162.0	153.2
72.5°	273.1	269.6	264.6	257.6	249.5	240.9	231.7	221.4	210.1	197.8	186.6
70°	319.8	316.1	311.3	304.9	296.8	287.4	276.4	264.4	251.7	238.4	224.8
67.5°	365.8	361.1	356.1	350.3	343.3	334.4	322.7	308.8	294.1	279.1	263.4
65°	416.8	410.9	404.3	398.3	390.8	381.7	369.8	356.4	340.3	321.9	301.9
62.5°	472.6	467.2	457.8	447.9	438.1	427.7	414.1	399.5	384.8	367.7	343.9
60°	523.7	518.7	506.6	494.4	482.6	469.8	454.4	438.9	423.4	404.7	383.0
57.5°	564.6	556.7	545.4	533.8	522.0	506.5	490.1	474.7	457.7	439.7	419.5
55°	599.7	590.9	579.2	566.7	553.1	537.6	521.2	503.9	487.6	472.8	452.1
52.5°	635.3	624.4	611.8	598.2	583.2	566.6	549.1	530.9	515.0	499.6	482.3
50°	674.2	660.3	645.2	629.4	613.4	595.4	576.5	557.2	541.9	525.9	508.4
47.5°	716.0	699.5	681.7	663.7	645.1	625.6	605.1	584.3	567.5	551.1	533.0
45°	764.9	744.1	721.1	700.4	678.4	656.9	634.8	613.3	592.3	573.7	556.3
42.5°	821.8	797.0	770.8	742.7	714.4	689.6	664.8	641.6	618.1	595.8	575.8
40°	893.3	857.2	826.7	791.9	758.4	724.5	697.4	669.4	643.9	618.6	595.5
37.5°	987.7	937.2	893.3	848.2	808.0	767.9	733.0	701.3	669.4	642.2	616.3
35°	1115.0	1044.3	975.5	917.2	863.3	816.0	771.8	734.6	699.5	666.2	637.2
32.5°	1295.1	1191.6	1081.2	1002.5	928.4	867.0	815.0	768.7	728.6	692.0	658.7
30°	1577.8	1395.1	1238.4	1105.4	1009.6	926.1	858.9	804.6	757.5	716.8	679.8
27.5°	2038.5	1666.3	1449.4	1250.4	1102.5	998.2	911.0	840.1	785.5	741.0	700.6
25°	2785.6	2157.4	1718.4	1443.5	1229.1	1075.0	967.1	882.7	815.9	762.9	715.4
22.5°	3880.0	2899.4	2144.2	1664.9	1384.2	1180.1	1033.5	924.7	843.0	781.6	730.0
20°	5605.9	3856.2	2764.2	2023.5	1566.3	1281.0	1103.8	973.9	876.3	801.8	742.9
17.5°	7673.0	5336.1	3466.4	2409.5	1802.4	1426.6	1186.0	1021.2	905.6	820.1	753.8
15°	9756.2	6883.9	4545.3	2969.3	2059.9	1553.8	1256.6	1062.0	934.3	840.1	767.5
12.5°	12056.7	8542.2	5502.6	3432.1	2325.2	1707.2	1346.6	1117.1	965.7	860.0	780.7
10°	14043.8	10091.3	6653.3	4173.6	2674.2	1868.0	1429.2	1164.2	991.9	876.2	791.0
7.5°	15833.0	11414.6	7618.3	4752.2	2944.9	1995.6	1495.4	1201.8	1011.6	888.0	798.2
5°	17102.8	12426.0	8394.5	5189.4	3138.6	2084.0	1541.5	1228.3	1024.5	895.4	802.5
2.5°	17895.0	13034.6	8900.8	5449.0	3233.4	2132.4	1570.4	1243.5	1035.5	903.6	804.8
0°	17967.5	12991.6	8971.9	5575.3	3173.0	2140.7	1584.1	1246.4	1041.8	908.6	803.9
-2.5°	17895.0	13034.6	8900.8	5449.0	3233.4	2132.4	1570.4	1243.5	1035.5	903.6	804.8
-5°	17102.8	12426.0	8394.5	5189.4	3138.6	2084.0	1541.5	1228.3	1024.5	895.4	802.5
-7.5°	15833.0	11414.6	7618.3	4752.2	2944.9	1995.6	1495.4	1201.8	1011.6	888.0	798.2
-10°	14043.8	10091.3	6653.3	4173.6	2674.2	1868.0	1429.2	1164.2	991.9	876.2	791.0
-12.5°	12056.7	8542.2	5502.6	3432.1	2325.2	1707.2	1346.6	1117.1	965.7	860.0	780.7
-15°	9756.2	6883.9	4545.3	2969.3	2059.9	1553.8	1256.6	1062.0	934.3	840.1	767.5
-17.5°	7673.0	5336.1	3466.4	2409.5	1802.4	1426.6	1186.0	1021.2	905.6	820.1	753.8
-20°	5605.9	3856.2	2764.2	2023.5	1566.3	1281.0	1103.8	973.9	876.3	801.8	742.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627605 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	3880.0	2899.4	2144.2	1664.9	1384.2	1180.1	1033.5	924.7	843.0	781.6	730.0
-25°	2785.6	2157.4	1718.4	1443.5	1229.1	1075.0	967.1	882.7	815.9	762.9	715.4
-27.5°	2038.5	1666.3	1449.4	1250.4	1102.5	998.2	911.0	840.1	785.5	741.0	700.6
-30°	1577.8	1395.1	1238.4	1105.4	1009.6	926.1	858.9	804.6	757.5	716.8	679.8
-32.5°	1295.1	1191.6	1081.2	1002.5	928.4	867.0	815.0	768.7	728.6	692.0	658.7
-35°	1115.0	1044.3	975.5	917.2	863.3	816.0	771.8	734.6	699.5	666.2	637.2
-37.5°	987.7	937.2	893.3	848.2	808.0	767.9	733.0	701.3	669.4	642.2	616.3
-40°	893.3	857.2	826.7	791.9	758.4	724.5	697.4	669.4	643.9	618.6	595.5
-42.5°	821.8	797.0	770.8	742.7	714.4	689.6	664.8	641.6	618.1	595.8	575.8
-45°	764.9	744.1	721.1	700.4	678.4	656.9	634.8	613.3	592.3	573.7	556.3
-47.5°	716.0	699.5	681.7	663.7	645.1	625.6	605.1	584.3	567.5	551.1	533.0
-50°	674.2	660.3	645.2	629.4	613.4	595.4	576.5	557.2	541.9	525.9	508.4
-52.5°	635.3	624.4	611.8	598.2	583.2	566.6	549.1	530.9	515.0	499.6	482.3
-55°	599.7	590.9	579.2	566.7	553.1	537.6	521.2	503.9	487.6	472.8	452.1
-57.5°	564.6	556.7	545.4	533.8	522.0	506.5	490.1	474.7	457.7	439.7	419.5
-60°	523.7	518.7	506.6	494.4	482.6	469.8	454.4	438.9	423.4	404.7	383.0
-62.5°	472.6	467.2	457.8	447.9	438.1	427.7	414.1	399.5	384.8	367.7	343.9
-65°	416.8	410.9	404.3	398.3	390.8	381.7	369.8	356.4	340.3	321.9	301.9
-67.5°	365.8	361.1	356.1	350.3	343.3	334.4	322.7	308.8	294.1	279.1	263.4
-70°	319.8	316.1	311.3	304.9	296.8	287.4	276.4	264.4	251.7	238.4	224.8
-72.5°	273.1	269.6	264.6	257.6	249.5	240.9	231.7	221.4	210.1	197.8	186.6
-75°	224.7	221.7	217.3	211.2	204.5	197.3	189.2	180.2	171.1	162.0	153.2
-77.5°	177.5	174.2	170.2	165.1	159.5	153.5	147.1	140.6	134.0	127.1	119.9
-80°	131.7	129.2	126.5	122.6	118.2	113.3	108.0	103.1	97.8	92.9	88.3
-82.5°	89.8	89.0	87.7	84.5	81.1	77.7	74.4	71.4	68.3	65.0	61.6
-85°	50.4	50.3	49.9	48.5	46.9	45.1	43.3	41.3	39.2	37.0	34.7
-87.5°	17.9	17.6	17.2	16.9	16.5	16.0	15.6	15.1	14.6	14.0	13.4
-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: P627605 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	12.8	12.2	11.6	10.9	10.2	9.5	8.8	8.0	7.3	6.5	5.7
85°	32.3	29.8	27.3	24.6	21.8	19.0	17.5	16.0	14.5	13.0	11.4
82.5°	58.0	54.2	50.4	46.3	42.2	37.9	33.6	29.1	24.3	19.8	17.1
80°	83.5	78.5	73.3	68.0	62.7	56.8	51.0	44.9	38.3	31.9	25.8
77.5°	112.4	104.6	96.5	89.8	83.6	76.8	69.4	61.1	52.0	43.8	35.9
75°	144.1	134.6	124.9	115.3	106.1	96.9	88.4	78.6	67.3	55.7	45.9
72.5°	176.7	165.9	154.0	142.0	131.1	119.9	108.4	96.0	83.0	69.8	56.4
70°	211.3	197.8	184.6	171.0	157.0	142.9	129.6	114.7	98.5	83.6	68.5
67.5°	247.0	231.1	215.3	199.8	183.9	167.6	150.9	133.5	115.5	97.2	80.4
65°	283.7	264.8	245.6	228.3	210.5	192.2	173.6	152.4	132.2	112.1	92.1
62.5°	321.0	299.2	277.8	256.8	236.7	216.5	195.6	171.9	148.7	126.7	104.6
60°	358.6	333.4	309.4	286.0	262.9	240.4	216.9	190.8	165.5	141.0	117.1
57.5°	394.6	366.8	339.5	314.0	289.0	264.0	237.6	209.5	181.8	155.1	129.3
55°	429.6	401.2	369.1	340.1	313.5	287.0	257.7	227.9	197.6	168.9	141.2
52.5°	460.4	432.2	399.0	365.7	335.8	308.1	276.8	245.7	213.7	182.1	152.7
50°	488.3	459.7	426.4	391.3	357.3	326.6	295.1	262.2	229.2	195.0	163.8
47.5°	512.4	485.1	452.1	415.5	379.1	344.3	311.6	277.9	244.1	208.3	174.6
45°	534.3	509.4	476.7	439.1	399.4	362.4	327.3	292.6	257.4	221.2	184.9
42.5°	554.7	530.5	500.6	462.2	419.9	379.8	342.2	306.2	269.8	233.3	195.2
40°	573.1	549.0	523.0	483.9	439.4	396.0	356.8	319.1	281.5	244.5	205.2
37.5°	591.4	566.4	539.5	504.1	457.7	412.6	370.5	331.2	292.7	254.4	214.5
35°	610.1	583.3	554.0	520.0	475.1	427.8	383.1	342.6	303.3	263.7	223.3
32.5°	628.1	598.5	567.3	533.5	491.3	441.7	395.3	353.7	313.2	272.5	231.3
30°	645.8	611.1	579.0	547.2	505.5	455.3	407.4	363.9	322.4	280.6	238.7
27.5°	659.2	622.0	589.4	557.9	517.4	467.9	419.1	373.4	330.8	288.1	245.2
25°	671.2	632.4	598.3	566.5	529.2	480.8	429.7	382.1	338.5	294.9	251.1
22.5°	683.3	641.6	605.7	573.7	540.3	492.5	439.9	390.8	345.5	301.0	256.4
20°	693.8	648.9	611.9	580.4	547.7	501.7	449.3	398.5	351.6	306.4	261.1
17.5°	702.7	656.3	618.3	585.9	552.8	509.4	457.6	405.2	357.0	311.1	265.2
15°	711.8	664.1	623.8	590.1	557.2	515.7	464.6	410.9	361.5	315.1	269.0
12.5°	719.5	669.8	628.0	593.1	560.9	520.6	470.5	415.6	365.2	318.8	272.6
10°	725.6	673.6	631.0	595.0	563.8	524.2	475.0	420.0	369.7	322.2	275.5
7.5°	729.9	675.5	632.7	595.8	565.9	527.4	479.5	424.8	373.6	324.8	277.8
5°	732.7	676.4	633.8	597.6	567.1	530.4	482.7	428.5	376.8	326.7	279.4
2.5°	736.1	676.7	633.9	598.9	567.1	532.2	484.6	431.2	379.1	327.8	280.4
0°	737.3	675.5	632.7	599.4	566.1	532.8	485.2	432.9	380.6	328.2	280.7
-2.5°	736.1	676.7	633.9	598.9	567.1	532.2	484.6	431.2	379.1	327.8	280.4
-5°	732.7	676.4	633.8	597.6	567.1	530.4	482.7	428.5	376.8	326.7	279.4
-7.5°	729.9	675.5	632.7	595.8	565.9	527.4	479.5	424.8	373.6	324.8	277.8
-10°	725.6	673.6	631.0	595.0	563.8	524.2	475.0	420.0	369.7	322.2	275.5
-12.5°	719.5	669.8	628.0	593.1	560.9	520.6	470.5	415.6	365.2	318.8	272.6
-15°	711.8	664.1	623.8	590.1	557.2	515.7	464.6	410.9	361.5	315.1	269.0
-17.5°	702.7	656.3	618.3	585.9	552.8	509.4	457.6	405.2	357.0	311.1	265.2
-20°	693.8	648.9	611.9	580.4	547.7	501.7	449.3	398.5	351.6	306.4	261.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627605 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	683.3	641.6	605.7	573.7	540.3	492.5	439.9	390.8	345.5	301.0	256.4
-25°	671.2	632.4	598.3	566.5	529.2	480.8	429.7	382.1	338.5	294.9	251.1
-27.5°	659.2	622.0	589.4	557.9	517.4	467.9	419.1	373.4	330.8	288.1	245.2
-30°	645.8	611.1	579.0	547.2	505.5	455.3	407.4	363.9	322.4	280.6	238.7
-32.5°	628.1	598.5	567.3	533.5	491.3	441.7	395.3	353.7	313.2	272.5	231.3
-35°	610.1	583.3	554.0	520.0	475.1	427.8	383.1	342.6	303.3	263.7	223.3
-37.5°	591.4	566.4	539.5	504.1	457.7	412.6	370.5	331.2	292.7	254.4	214.5
-40°	573.1	549.0	523.0	483.9	439.4	396.0	356.8	319.1	281.5	244.5	205.2
-42.5°	554.7	530.5	500.6	462.2	419.9	379.8	342.2	306.2	269.8	233.3	195.2
-45°	534.3	509.4	476.7	439.1	399.4	362.4	327.3	292.6	257.4	221.2	184.9
-47.5°	512.4	485.1	452.1	415.5	379.1	344.3	311.6	277.9	244.1	208.3	174.6
-50°	488.3	459.7	426.4	391.3	357.3	326.6	295.1	262.2	229.2	195.0	163.8
-52.5°	460.4	432.2	399.0	365.7	335.8	308.1	276.8	245.7	213.7	182.1	152.7
-55°	429.6	401.2	369.1	340.1	313.5	287.0	257.7	227.9	197.6	168.9	141.2
-57.5°	394.6	366.8	339.5	314.0	289.0	264.0	237.6	209.5	181.8	155.1	129.3
-60°	358.6	333.4	309.4	286.0	262.9	240.4	216.9	190.8	165.5	141.0	117.1
-62.5°	321.0	299.2	277.8	256.8	236.7	216.5	195.6	171.9	148.7	126.7	104.6
-65°	283.7	264.8	245.6	228.3	210.5	192.2	173.6	152.4	132.2	112.1	92.1
-67.5°	247.0	231.1	215.3	199.8	183.9	167.6	150.9	133.5	115.5	97.2	80.4
-70°	211.3	197.8	184.6	171.0	157.0	142.9	129.6	114.7	98.5	83.6	68.5
-72.5°	176.7	165.9	154.0	142.0	131.1	119.9	108.4	96.0	83.0	69.8	56.4
-75°	144.1	134.6	124.9	115.3	106.1	96.9	88.4	78.6	67.3	55.7	45.9
-77.5°	112.4	104.6	96.5	89.8	83.6	76.8	69.4	61.1	52.0	43.8	35.9
-80°	83.5	78.5	73.3	68.0	62.7	56.8	51.0	44.9	38.3	31.9	25.8
-82.5°	58.0	54.2	50.4	46.3	42.2	37.9	33.6	29.1	24.3	19.8	17.1
-85°	32.3	29.8	27.3	24.6	21.8	19.0	17.5	16.0	14.5	13.0	11.4
-87.5°	12.8	12.2	11.6	10.9	10.2	9.5	8.8	8.0	7.3	6.5	5.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report



REPORT NUMBER: P627605 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	4.9	4.1	3.3	2.5	1.7	0.8	0.0
85°	9.8	8.2	6.6	5.0	3.3	1.7	0.0
82.5°	14.7	12.3	9.9	7.4	5.0	2.5	0.0
80°	20.0	16.4	13.1	9.9	6.6	3.3	0.0
77.5°	28.5	21.5	16.4	12.3	8.2	4.1	0.0
75°	36.9	28.5	20.0	14.7	9.8	4.9	0.0
72.5°	45.2	35.4	25.6	17.1	11.4	5.7	0.0
70°	53.6	42.2	31.1	19.8	13.0	6.5	0.0
67.5°	64.0	49.0	36.5	23.8	14.5	7.3	0.0
65°	74.2	56.6	41.8	27.8	16.0	8.0	0.0
62.5°	84.2	64.9	47.0	31.7	17.5	8.8	0.0
60°	94.0	73.1	52.0	35.5	19.0	9.5	0.0
57.5°	104.3	81.0	58.4	39.3	21.5	10.2	0.0
55°	114.3	88.8	64.6	42.9	23.9	10.9	0.0
52.5°	124.0	96.4	70.6	46.4	26.2	11.6	0.0
50°	133.3	104.1	76.4	49.8	28.5	12.2	0.0
47.5°	142.2	111.4	82.0	53.3	30.7	12.8	0.0
45°	151.1	118.4	87.4	57.4	32.8	13.4	0.0
42.5°	159.5	125.1	92.6	61.2	34.8	14.0	0.0
40°	167.5	131.4	97.6	64.9	36.7	14.6	0.0
37.5°	175.2	137.3	102.4	68.3	38.5	15.1	0.0
35°	182.4	143.1	106.8	71.5	40.2	15.6	0.0
32.5°	189.2	148.7	111.0	74.4	41.8	16.0	0.0
30°	195.6	153.9	114.8	77.1	43.4	16.5	0.0
27.5°	201.5	158.7	118.3	79.6	44.8	16.9	0.0
25°	206.8	163.1	121.5	81.8	46.0	17.2	0.0
22.5°	211.5	167.1	124.5	83.7	47.2	17.6	0.0
20°	215.7	170.5	127.2	85.5	48.3	17.9	0.0
17.5°	219.5	173.5	129.6	86.9	49.2	18.1	0.0
15°	222.9	175.9	131.8	88.1	50.0	18.4	0.0
12.5°	225.9	177.9	133.6	89.1	50.7	18.5	0.0
10°	228.5	179.4	135.2	89.8	51.3	18.7	0.0
7.5°	230.5	180.4	136.4	90.3	51.7	18.8	0.0
5°	231.9	181.0	137.3	90.6	52.0	18.9	0.0
2.5°	232.8	181.1	137.8	90.6	52.2	19.0	0.0
0°	233.1	180.8	138.0	90.4	52.3	19.0	0.0
-2.5°	232.8	181.1	137.8	90.6	52.2	19.0	0.0
-5°	231.9	181.0	137.3	90.6	52.0	18.9	0.0
-7.5°	230.5	180.4	136.4	90.3	51.7	18.8	0.0
-10°	228.5	179.4	135.2	89.8	51.3	18.7	0.0
-12.5°	225.9	177.9	133.6	89.1	50.7	18.5	0.0
-15°	222.9	175.9	131.8	88.1	50.0	18.4	0.0
-17.5°	219.5	173.5	129.6	86.9	49.2	18.1	0.0
-20°	215.7	170.5	127.2	85.5	48.3	17.9	0.0

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REPORT NUMBER: P627605 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	211.5	167.1	124.5	83.7	47.2	17.6	0.0
-25°	206.8	163.1	121.5	81.8	46.0	17.2	0.0
-27.5°	201.5	158.7	118.3	79.6	44.8	16.9	0.0
-30°	195.6	153.9	114.8	77.1	43.4	16.5	0.0
-32.5°	189.2	148.7	111.0	74.4	41.8	16.0	0.0
-35°	182.4	143.1	106.8	71.5	40.2	15.6	0.0
-37.5°	175.2	137.3	102.4	68.3	38.5	15.1	0.0
-40°	167.5	131.4	97.6	64.9	36.7	14.6	0.0
-42.5°	159.5	125.1	92.6	61.2	34.8	14.0	0.0
-45°	151.1	118.4	87.4	57.4	32.8	13.4	0.0
-47.5°	142.2	111.4	82.0	53.3	30.7	12.8	0.0
-50°	133.3	104.1	76.4	49.8	28.5	12.2	0.0
-52.5°	124.0	96.4	70.6	46.4	26.2	11.6	0.0
-55°	114.3	88.8	64.6	42.9	23.9	10.9	0.0
-57.5°	104.3	81.0	58.4	39.3	21.5	10.2	0.0
-60°	94.0	73.1	52.0	35.5	19.0	9.5	0.0
-62.5°	84.2	64.9	47.0	31.7	17.5	8.8	0.0
-65°	74.2	56.6	41.8	27.8	16.0	8.0	0.0
-67.5°	64.0	49.0	36.5	23.8	14.5	7.3	0.0
-70°	53.6	42.2	31.1	19.8	13.0	6.5	0.0
-72.5°	45.2	35.4	25.6	17.1	11.4	5.7	0.0
-75°	36.9	28.5	20.0	14.7	9.8	4.9	0.0
-77.5°	28.5	21.5	16.4	12.3	8.2	4.1	0.0
-80°	20.0	16.4	13.1	9.9	6.6	3.3	0.0
-82.5°	14.7	12.3	9.9	7.4	5.0	2.5	0.0
-85°	9.8	8.2	6.6	5.0	3.3	1.7	0.0
-87.5°	4.9	4.1	3.3	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)