

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: P627145 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3C-730-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627145 (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-SA3C-730-U-MR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N67
Light Source: (48) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

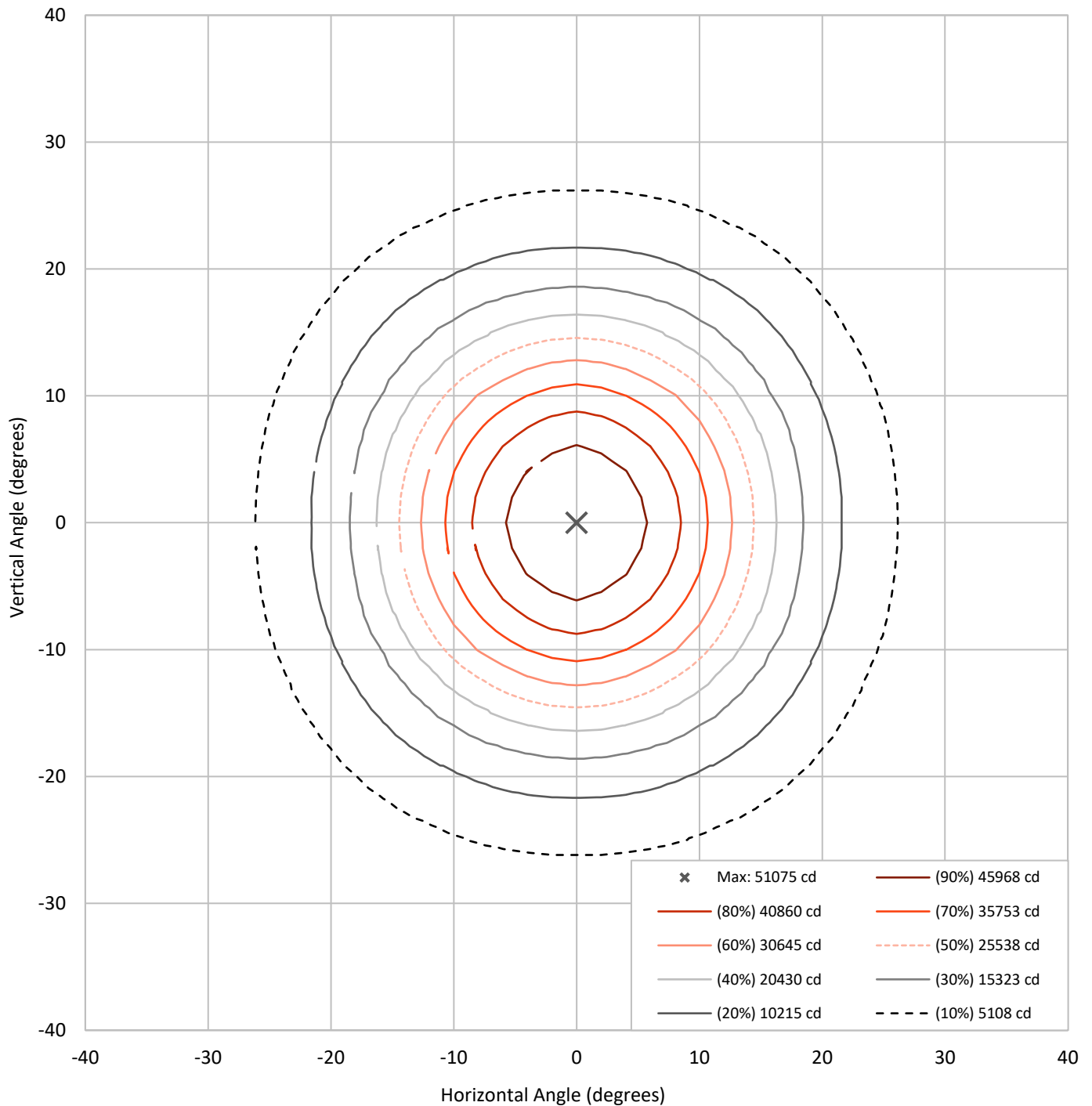
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	15957.6 lumens	Max Intensity:	51075 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	131.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	7758.4 lumens	Field Lumens:	13092.9 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	121.7		
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: P627145 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-730-U-MR-XX

Iso-Candela Plot





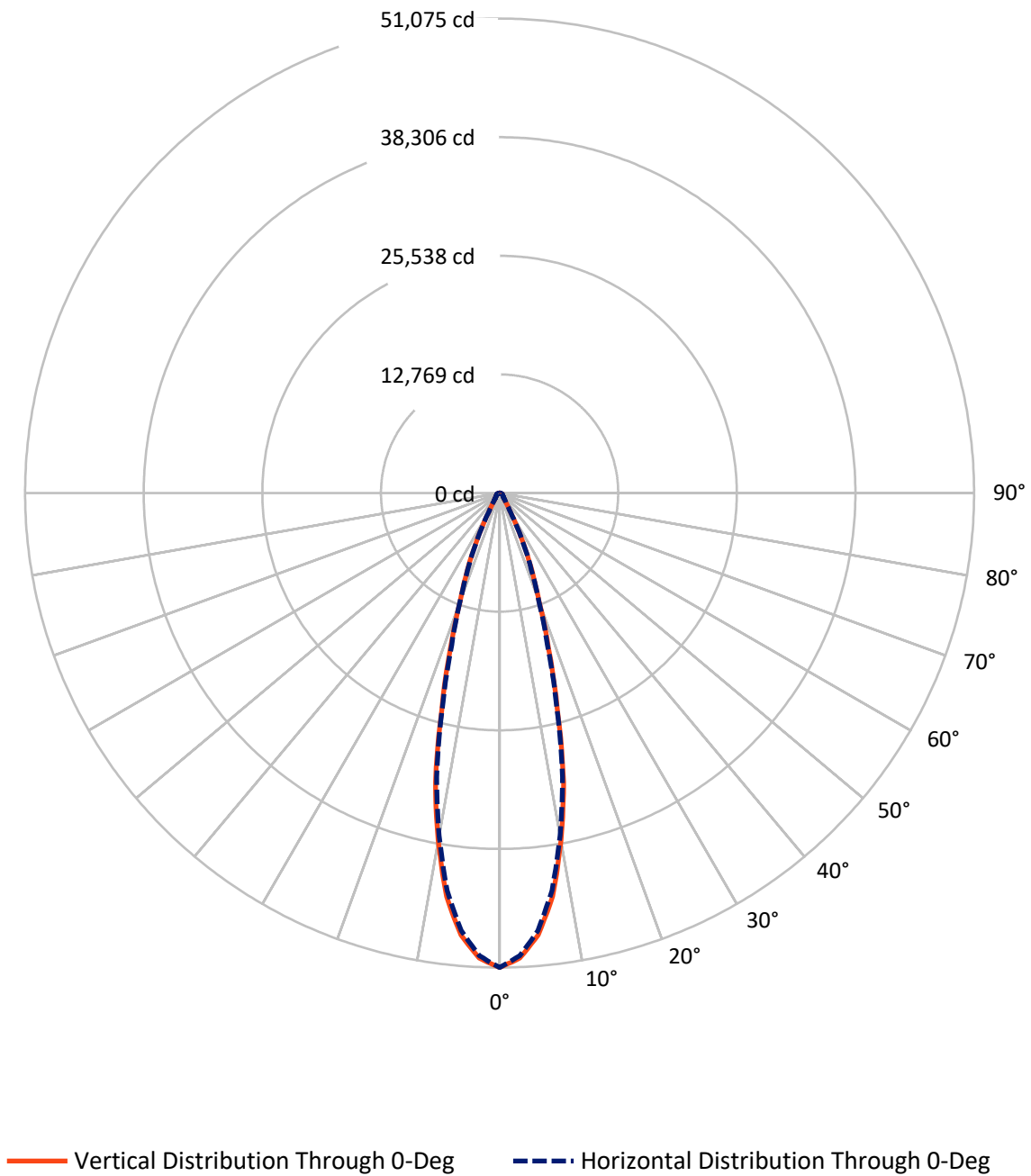
REPORT NUMBER: P627145 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-730-U-MR-XX

Lumen Table

90	0.3	2.6	6.9	10.9	12.2	10.9	6.9	2.6	0.3							
80	0.3	2.6	6.9	10.9	12.2	10.9	6.9	2.6	0.3							
70	1.2	1.4	2.8	4.5	6.3	7.7	8.6	9.1	9.1	8.6	7.7	6.3	4.5	2.8	1.4	1.2
60		2.0	4.1	6.6	8.9	11.0	12.3	12.8	12.8	12.3	11.0	8.9	6.6	4.1	2.0	
50	2.1	2.6	5.3	8.2	10.9	13.8	16.2	17.5	17.5	16.2	13.8	10.9	8.2	5.3	2.6	2.1
40		3.1	6.2	9.5	13.4	19.1	27.7	35.9	35.9	27.7	19.1	13.4	9.5	6.2	3.1	
30	2.7	3.5	6.8	10.7	17.2	37.3	105.0	186.3	186.3	105.0	37.3	17.2	10.7	6.8	3.5	2.7
20		3.7	7.1	11.6	23.4	97.9	349.1	668.9	668.9	349.1	97.9	23.4	11.6	7.1	3.7	
10	2.9	3.8	7.2	12.2	29.7	169.1	646.1	1270.9	1270.9	646.1	169.1	29.7	12.2	7.2	3.8	2.9
0		3.8	7.2	12.2	29.7	169.1	646.1	1270.9	1270.9	646.1	169.1	29.7	12.2	7.2	3.8	
-10	2.7	3.7	7.1	11.6	23.4	97.9	349.1	668.9	668.9	349.1	97.9	23.4	11.6	7.1	3.7	2.7
-20		3.5	6.8	10.7	17.2	37.3	105.0	186.3	186.3	105.0	37.3	17.2	10.7	6.8	3.5	
-30	2.1	3.1	6.2	9.5	13.4	19.1	27.7	35.9	35.9	27.7	19.1	13.4	9.5	6.2	3.1	2.1
-40		2.6	5.3	8.2	10.9	13.8	16.2	17.5	17.5	16.2	13.8	10.9	8.2	5.3	2.6	
-50	1.2	2.0	4.1	6.6	8.9	11.0	12.3	12.8	12.8	12.3	11.0	8.9	6.6	4.1	2.0	1.2
-60		1.4	2.8	4.5	6.3	7.7	8.6	9.1	9.1	8.6	7.7	6.3	4.5	2.8	1.4	
-70	0.3	2.6	6.9	10.9	12.2	10.9	6.9	2.6	0.3							
-80		0.3	2.6	6.9	10.9	12.2	10.9	6.9	2.6	0.3						
-90	0.3	2.6	6.9	10.9	12.2	10.9	6.9	2.6	0.3							

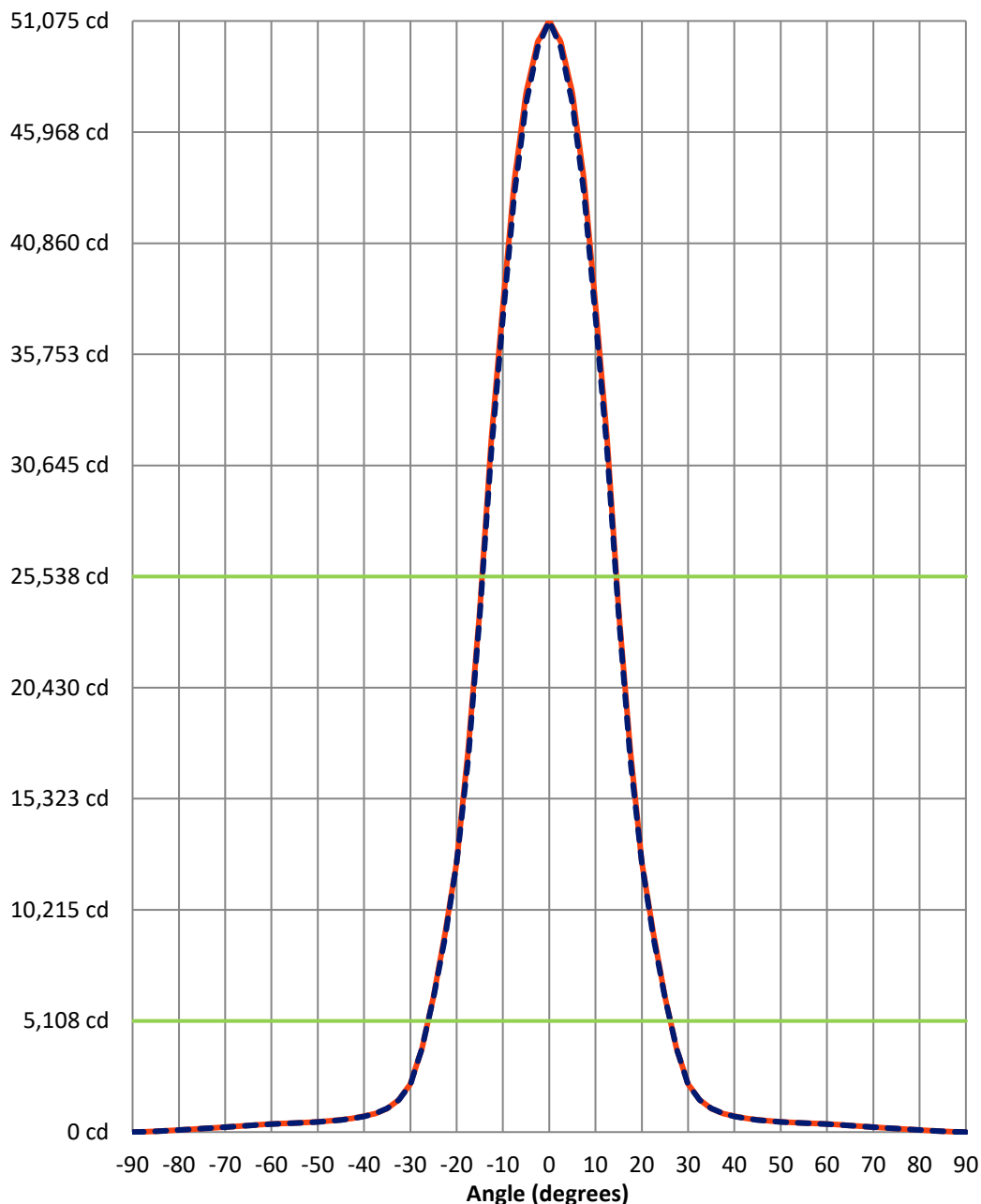
REPORT NUMBER: P627145 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3C-730-U-MR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627145 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-730-U-MR-XX

Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 7758.4
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 13092.9
 Efficiency: 82.0%

Spill:
 Lumens: 2864.6
 Efficiency: 18.0%

- 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: P627145 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-U-MR-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	0.6	1.1	1.7	2.3	2.8	3.4	3.9	4.5	5.0	5.5
85°	0.0	1.1	2.3	3.4	4.5	5.7	6.8	7.9	9.0	10.0	11.1
82.5°	0.0	1.7	3.4	5.1	6.8	8.5	10.1	11.8	13.7	16.8	20.0
80°	0.0	2.3	4.5	6.8	9.1	11.3	13.8	17.8	22.0	26.4	30.9
77.5°	0.0	2.8	5.7	8.5	11.3	14.8	19.6	24.8	30.2	35.8	42.1
75°	0.0	3.4	6.8	10.1	13.8	19.6	25.4	31.7	38.4	46.4	54.2
72.5°	0.0	3.9	7.9	11.8	17.6	24.4	31.2	38.9	48.1	57.2	66.1
70°	0.0	4.5	9.0	13.6	21.4	29.2	37.0	47.2	57.6	67.9	79.0
67.5°	0.0	5.0	10.0	16.4	25.2	33.8	44.2	55.5	67.0	79.6	92.0
65°	0.0	5.5	11.1	19.2	28.8	39.0	51.2	63.6	77.3	91.1	105.0
62.5°	0.0	6.0	12.1	21.9	32.4	44.8	58.1	72.1	87.3	102.5	118.5
60°	0.0	6.5	13.1	24.5	35.9	50.4	64.8	80.7	97.2	114.1	131.5
57.5°	0.0	7.0	14.8	27.1	40.3	55.9	71.9	89.2	106.9	125.2	144.4
55°	0.0	7.5	16.5	29.6	44.6	61.3	78.9	97.3	116.4	136.2	157.1
52.5°	0.0	8.0	18.1	32.0	48.7	66.5	85.5	105.3	125.4	147.2	169.4
50°	0.0	8.4	19.6	34.4	52.7	71.8	91.9	112.9	134.4	157.9	180.7
47.5°	0.0	8.8	21.2	36.8	56.6	76.8	98.1	120.3	143.5	168.3	191.5
45°	0.0	9.3	22.6	39.6	60.3	81.7	104.1	127.4	152.4	177.4	201.7
42.5°	0.0	9.7	24.0	42.3	63.9	86.2	109.9	134.5	160.8	185.9	211.0
40°	0.0	10.0	25.3	44.8	67.3	90.6	115.5	141.4	168.5	194.0	219.9
37.5°	0.0	10.4	26.6	47.1	70.6	94.6	120.7	147.8	175.3	201.7	228.3
35°	0.0	10.7	27.8	49.3	73.7	98.6	125.7	153.9	181.7	209.0	236.1
32.5°	0.0	11.0	28.9	51.3	76.5	102.5	130.4	159.4	187.8	215.8	243.7
30°	0.0	11.3	29.9	53.2	79.2	106.1	134.8	164.5	193.4	222.2	250.8
27.5°	0.0	11.6	30.9	54.9	81.5	109.4	138.9	168.9	198.5	228.0	257.4
25°	0.0	11.9	31.8	56.4	83.8	112.4	142.5	173.0	203.2	233.3	263.4
22.5°	0.0	12.1	32.6	57.8	85.8	115.2	145.8	176.7	207.4	238.1	269.3
20°	0.0	12.3	33.3	58.9	87.7	117.6	148.6	179.9	211.1	242.3	274.6
17.5°	0.0	12.5	34.0	59.9	89.3	119.6	151.2	182.7	214.4	246.0	279.3
15°	0.0	12.7	34.5	60.8	90.8	121.3	153.6	185.3	217.1	249.2	283.2
12.5°	0.0	12.8	35.0	61.4	92.1	122.6	155.7	187.8	219.7	251.7	286.5
10°	0.0	12.9	35.4	61.9	93.2	123.7	157.4	189.8	222.0	254.8	289.5
7.5°	0.0	13.0	35.7	62.3	94.0	124.4	158.8	191.4	223.9	257.5	292.8
5°	0.0	13.1	35.9	62.4	94.6	124.7	159.8	192.5	225.2	259.7	295.3
2.5°	0.0	13.1	36.1	62.4	95.0	124.8	160.4	193.2	225.9	261.3	297.2
0°	0.0	13.1	36.1	62.3	95.1	124.6	160.6	193.4	226.2	262.3	298.3
-2.5°	0.0	13.1	36.1	62.4	95.0	124.8	160.4	193.2	225.9	261.3	297.2
-5°	0.0	13.1	35.9	62.4	94.6	124.7	159.8	192.5	225.2	259.7	295.3
-7.5°	0.0	13.0	35.7	62.3	94.0	124.4	158.8	191.4	223.9	257.5	292.8
-10°	0.0	12.9	35.4	61.9	93.2	123.7	157.4	189.8	222.0	254.8	289.5
-12.5°	0.0	12.8	35.0	61.4	92.1	122.6	155.7	187.8	219.7	251.7	286.5
-15°	0.0	12.7	34.5	60.8	90.8	121.3	153.6	185.3	217.1	249.2	283.2
-17.5°	0.0	12.5	34.0	59.9	89.3	119.6	151.2	182.7	214.4	246.0	279.3
-20°	0.0	12.3	33.3	58.9	87.7	117.6	148.6	179.9	211.1	242.3	274.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627145 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-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	12.1	32.6	57.8	85.8	115.2	145.8	176.7	207.4	238.1	269.3
-25°	0.0	11.9	31.8	56.4	83.8	112.4	142.5	173.0	203.2	233.3	263.4
-27.5°	0.0	11.6	30.9	54.9	81.5	109.4	138.9	168.9	198.5	228.0	257.4
-30°	0.0	11.3	29.9	53.2	79.2	106.1	134.8	164.5	193.4	222.2	250.8
-32.5°	0.0	11.0	28.9	51.3	76.5	102.5	130.4	159.4	187.8	215.8	243.7
-35°	0.0	10.7	27.8	49.3	73.7	98.6	125.7	153.9	181.7	209.0	236.1
-37.5°	0.0	10.4	26.6	47.1	70.6	94.6	120.7	147.8	175.3	201.7	228.3
-40°	0.0	10.0	25.3	44.8	67.3	90.6	115.5	141.4	168.5	194.0	219.9
-42.5°	0.0	9.7	24.0	42.3	63.9	86.2	109.9	134.5	160.8	185.9	211.0
-45°	0.0	9.3	22.6	39.6	60.3	81.7	104.1	127.4	152.4	177.4	201.7
-47.5°	0.0	8.8	21.2	36.8	56.6	76.8	98.1	120.3	143.5	168.3	191.5
-50°	0.0	8.4	19.6	34.4	52.7	71.8	91.9	112.9	134.4	157.9	180.7
-52.5°	0.0	8.0	18.1	32.0	48.7	66.5	85.5	105.3	125.4	147.2	169.4
-55°	0.0	7.5	16.5	29.6	44.6	61.3	78.9	97.3	116.4	136.2	157.1
-57.5°	0.0	7.0	14.8	27.1	40.3	55.9	71.9	89.2	106.9	125.2	144.4
-60°	0.0	6.5	13.1	24.5	35.9	50.4	64.8	80.7	97.2	114.1	131.5
-62.5°	0.0	6.0	12.1	21.9	32.4	44.8	58.1	72.1	87.3	102.5	118.5
-65°	0.0	5.5	11.1	19.2	28.8	39.0	51.2	63.6	77.3	91.1	105.0
-67.5°	0.0	5.0	10.0	16.4	25.2	33.8	44.2	55.5	67.0	79.6	92.0
-70°	0.0	4.5	9.0	13.6	21.4	29.2	37.0	47.2	57.6	67.9	79.0
-72.5°	0.0	3.9	7.9	11.8	17.6	24.4	31.2	38.9	48.1	57.2	66.1
-75°	0.0	3.4	6.8	10.1	13.8	19.6	25.4	31.7	38.4	46.4	54.2
-77.5°	0.0	2.8	5.7	8.5	11.3	14.8	19.6	24.8	30.2	35.8	42.1
-80°	0.0	2.3	4.5	6.8	9.1	11.3	13.8	17.8	22.0	26.4	30.9
-82.5°	0.0	1.7	3.4	5.1	6.8	8.5	10.1	11.8	13.7	16.8	20.0
-85°	0.0	1.1	2.3	3.4	4.5	5.7	6.8	7.9	9.0	10.0	11.1
-87.5°	0.0	0.6	1.1	1.7	2.3	2.8	3.4	3.9	4.5	5.0	5.5
-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: P627145 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-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°	6.0	6.5	7.0	7.5	8.0	8.4	8.8	9.3	9.7	10.0	10.4
85°	12.1	13.1	15.0	16.9	18.8	20.6	22.3	23.9	25.5	27.0	28.5
82.5°	23.1	26.1	29.0	31.9	34.7	37.3	39.9	42.4	44.8	47.1	49.2
80°	35.1	39.1	43.2	46.9	50.5	54.1	57.6	60.9	64.1	67.5	71.1
77.5°	47.8	52.9	57.6	61.9	66.5	72.1	77.5	82.7	87.7	92.4	96.9
75°	60.9	66.7	73.2	79.5	86.1	92.8	99.4	105.6	111.7	117.9	124.2
72.5°	74.7	82.6	90.4	97.9	106.2	114.3	121.8	128.6	136.3	144.8	152.6
70°	89.3	98.5	108.2	117.9	127.2	136.3	145.6	154.9	164.3	173.5	182.2
67.5°	103.9	115.5	126.7	137.7	148.4	159.2	170.2	181.5	192.3	202.7	212.8
65°	119.6	132.5	145.1	157.3	169.2	182.5	195.5	208.0	221.8	234.5	245.6
62.5°	134.8	149.3	163.2	177.0	191.5	206.1	221.2	237.0	253.3	265.1	275.3
60°	149.5	165.7	181.2	197.1	213.2	229.8	247.1	264.0	278.9	291.8	302.5
57.5°	163.8	182.0	199.1	216.4	234.0	252.9	271.9	289.1	303.0	315.5	327.2
55°	177.6	197.8	216.0	234.4	254.4	276.5	296.0	311.6	325.8	336.1	347.3
52.5°	190.8	212.3	231.5	252.0	275.0	297.8	317.3	332.4	344.3	355.0	365.9
50°	203.3	225.0	246.3	269.7	293.9	316.8	336.5	350.4	362.4	373.5	384.0
47.5°	214.8	237.3	261.3	286.3	311.6	334.3	353.2	367.3	379.8	391.1	402.7
45°	225.5	249.8	275.3	302.6	328.6	351.1	368.3	383.4	395.4	408.1	422.7
42.5°	235.8	261.7	289.4	318.6	345.1	365.7	382.3	396.8	410.6	426.0	442.2
40°	245.9	272.9	302.8	333.5	360.5	378.3	395.0	410.4	426.4	443.8	461.4
37.5°	255.4	284.4	315.4	347.5	371.9	390.3	407.5	424.8	442.7	461.4	483.3
35°	264.1	294.9	327.4	358.4	381.8	402.0	420.5	439.1	459.1	482.1	506.2
32.5°	272.5	304.4	338.7	367.7	390.9	412.5	432.8	454.0	476.9	502.1	529.8
30°	280.8	313.8	348.5	377.1	399.1	421.1	445.0	468.5	494.0	522.0	554.5
27.5°	288.8	322.5	356.6	384.5	406.2	428.6	454.2	482.8	510.6	541.4	579.0
25°	296.2	331.4	364.7	390.4	412.3	435.8	462.6	493.0	525.8	562.3	608.4
22.5°	303.1	339.5	372.3	395.4	417.4	442.1	470.9	503.0	538.7	581.0	637.3
20°	309.7	345.8	377.4	400.0	421.6	447.1	478.1	512.0	552.6	603.9	671.2
17.5°	315.4	351.1	381.0	403.8	426.1	452.3	484.2	519.5	565.2	624.1	703.8
15°	320.2	355.4	384.0	406.7	429.9	457.6	490.5	528.9	579.0	643.9	731.9
12.5°	324.3	358.8	386.6	408.8	432.8	461.6	495.9	538.0	592.7	665.5	769.8
10°	327.4	361.3	388.6	410.1	434.9	464.2	500.1	545.1	603.8	683.6	802.3
7.5°	330.5	363.5	390.0	410.6	436.1	465.5	503.0	550.1	612.0	697.1	828.2
5°	332.7	365.5	390.8	411.8	436.8	466.1	505.0	553.0	617.1	706.1	846.5
2.5°	334.0	366.8	390.8	412.8	436.9	466.3	507.4	554.7	622.8	713.7	857.0
0°	334.4	367.2	390.1	413.1	436.0	465.5	508.2	554.1	626.2	718.0	859.0
-2.5°	334.0	366.8	390.8	412.8	436.9	466.3	507.4	554.7	622.8	713.7	857.0
-5°	332.7	365.5	390.8	411.8	436.8	466.1	505.0	553.0	617.1	706.1	846.5
-7.5°	330.5	363.5	390.0	410.6	436.1	465.5	503.0	550.1	612.0	697.1	828.2
-10°	327.4	361.3	388.6	410.1	434.9	464.2	500.1	545.1	603.8	683.6	802.3
-12.5°	324.3	358.8	386.6	408.8	432.8	461.6	495.9	538.0	592.7	665.5	769.8
-15°	320.2	355.4	384.0	406.7	429.9	457.6	490.5	528.9	579.0	643.9	731.9
-17.5°	315.4	351.1	381.0	403.8	426.1	452.3	484.2	519.5	565.2	624.1	703.8
-20°	309.7	345.8	377.4	400.0	421.6	447.1	478.1	512.0	552.6	603.9	671.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627145 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-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°	303.1	339.5	372.3	395.4	417.4	442.1	470.9	503.0	538.7	581.0	637.3
-25°	296.2	331.4	364.7	390.4	412.3	435.8	462.6	493.0	525.8	562.3	608.4
-27.5°	288.8	322.5	356.6	384.5	406.2	428.6	454.2	482.8	510.6	541.4	579.0
-30°	280.8	313.8	348.5	377.1	399.1	421.1	445.0	468.5	494.0	522.0	554.5
-32.5°	272.5	304.4	338.7	367.7	390.9	412.5	432.8	454.0	476.9	502.1	529.8
-35°	264.1	294.9	327.4	358.4	381.8	402.0	420.5	439.1	459.1	482.1	506.2
-37.5°	255.4	284.4	315.4	347.5	371.9	390.3	407.5	424.8	442.7	461.4	483.3
-40°	245.9	272.9	302.8	333.5	360.5	378.3	395.0	410.4	426.4	443.8	461.4
-42.5°	235.8	261.7	289.4	318.6	345.1	365.7	382.3	396.8	410.6	426.0	442.2
-45°	225.5	249.8	275.3	302.6	328.6	351.1	368.3	383.4	395.4	408.1	422.7
-47.5°	214.8	237.3	261.3	286.3	311.6	334.3	353.2	367.3	379.8	391.1	402.7
-50°	203.3	225.0	246.3	269.7	293.9	316.8	336.5	350.4	362.4	373.5	384.0
-52.5°	190.8	212.3	231.5	252.0	275.0	297.8	317.3	332.4	344.3	355.0	365.9
-55°	177.6	197.8	216.0	234.4	254.4	276.5	296.0	311.6	325.8	336.1	347.3
-57.5°	163.8	182.0	199.1	216.4	234.0	252.9	271.9	289.1	303.0	315.5	327.2
-60°	149.5	165.7	181.2	197.1	213.2	229.8	247.1	264.0	278.9	291.8	302.5
-62.5°	134.8	149.3	163.2	177.0	191.5	206.1	221.2	237.0	253.3	265.1	275.3
-65°	119.6	132.5	145.1	157.3	169.2	182.5	195.5	208.0	221.8	234.5	245.6
-67.5°	103.9	115.5	126.7	137.7	148.4	159.2	170.2	181.5	192.3	202.7	212.8
-70°	89.3	98.5	108.2	117.9	127.2	136.3	145.6	154.9	164.3	173.5	182.2
-72.5°	74.7	82.6	90.4	97.9	106.2	114.3	121.8	128.6	136.3	144.8	152.6
-75°	60.9	66.7	73.2	79.5	86.1	92.8	99.4	105.6	111.7	117.9	124.2
-77.5°	47.8	52.9	57.6	61.9	66.5	72.1	77.5	82.7	87.7	92.4	96.9
-80°	35.1	39.1	43.2	46.9	50.5	54.1	57.6	60.9	64.1	67.5	71.1
-82.5°	23.1	26.1	29.0	31.9	34.7	37.3	39.9	42.4	44.8	47.1	49.2
-85°	12.1	13.1	15.0	16.9	18.8	20.6	22.3	23.9	25.5	27.0	28.5
-87.5°	6.0	6.5	7.0	7.5	8.0	8.4	8.8	9.3	9.7	10.0	10.4
-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: P627145 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-730-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°	10.7	11.0	11.3	11.6	11.9	12.1	12.3	12.5	12.7	12.8	12.9
85°	29.8	31.1	32.3	33.4	34.4	34.6	34.7	34.7	34.5	35.0	35.4
82.5°	51.3	53.6	55.9	58.2	60.4	61.3	61.9	62.3	62.6	63.5	64.2
80°	74.5	78.1	81.5	84.5	87.2	89.1	90.8	92.4	93.9	94.6	94.9
77.5°	101.4	105.9	110.0	113.8	117.3	120.1	122.3	124.2	125.5	126.5	127.0
75°	130.4	136.0	140.9	145.5	149.8	152.8	154.8	156.3	157.3	158.4	159.3
72.5°	159.7	166.0	171.9	177.5	182.3	185.8	188.2	190.1	191.6	192.7	193.2
70°	190.5	198.1	204.5	210.1	214.5	217.8	220.4	222.5	224.1	225.2	225.8
67.5°	222.3	230.5	236.6	241.4	245.4	248.8	252.1	254.5	256.0	257.6	259.3
65°	254.9	263.1	269.3	274.5	278.7	283.2	287.3	290.4	292.4	294.2	296.1
62.5°	285.4	294.7	302.0	308.7	315.5	322.0	325.7	328.6	330.7	332.5	334.6
60°	313.2	323.8	332.6	340.8	349.2	357.5	361.0	363.7	366.2	368.6	370.8
57.5°	337.8	349.1	359.8	367.9	375.9	383.7	389.1	392.1	394.1	395.1	396.1
55°	359.2	370.5	381.2	390.5	399.2	407.3	413.3	416.2	418.3	419.7	420.5
52.5°	378.4	390.5	401.9	412.3	421.6	430.3	437.8	441.8	445.1	447.4	448.1
50°	397.3	410.3	422.7	433.8	444.7	455.1	464.6	470.2	474.1	476.5	477.3
47.5°	417.0	431.2	444.6	457.4	469.7	482.1	493.4	501.0	506.6	510.7	513.7
45°	437.6	452.8	467.6	482.7	496.9	512.8	527.1	538.2	546.3	553.4	559.0
42.5°	458.2	475.3	492.3	511.8	531.2	549.2	566.3	580.9	594.3	607.3	617.5
40°	480.6	499.3	522.7	545.8	569.7	590.7	615.6	638.0	658.5	680.6	698.9
37.5°	505.1	529.2	556.8	584.5	615.7	645.9	680.7	715.0	744.8	783.5	814.6
35°	531.9	562.3	594.9	632.1	672.3	719.7	768.4	825.6	874.1	935.6	992.5
32.5°	561.6	597.5	639.8	690.9	745.1	821.2	892.6	989.5	1072.3	1179.1	1295.8
30°	591.9	638.2	695.8	761.8	853.5	961.5	1087.4	1251.1	1428.3	1611.6	1858.3
27.5°	627.8	687.9	759.9	861.7	998.9	1148.4	1404.9	1681.9	2067.7	2373.1	2917.1
25°	666.5	740.9	847.1	994.8	1184.3	1486.8	1919.8	2421.2	3193.3	3880.0	4669.2
22.5°	712.2	813.3	953.9	1147.4	1477.7	1998.2	2674.0	3703.6	4848.2	5977.8	7010.3
20°	760.7	882.8	1079.5	1394.5	1905.0	2657.6	3863.5	5334.6	6854.1	8402.2	9706.9
17.5°	817.3	983.2	1242.2	1660.6	2388.9	3677.5	5288.1	7158.7	9143.9	11119.4	12835.3
15°	866.0	1070.9	1419.6	2046.3	3132.5	4744.2	6723.7	9086.4	11582.7	14146.5	16925.1
12.5°	928.1	1176.5	1602.5	2365.3	3792.2	5887.1	8309.1	11052.3	14100.6	17504.6	21836.5
10°	985.0	1287.4	1843.0	2876.4	4585.2	6954.7	9678.6	12790.8	16744.8	21860.2	27085.4
7.5°	1030.6	1375.3	2029.6	3275.1	5250.3	7866.7	10911.7	14643.0	19576.0	25667.3	31637.4
5°	1062.3	1436.2	2163.1	3576.4	5785.3	8563.6	11786.8	16008.5	21962.4	28783.5	34879.4
2.5°	1082.2	1469.5	2228.4	3755.3	6134.2	8983.1	12332.7	16876.2	23425.0	30767.2	36939.2
0°	1091.7	1475.3	2186.7	3842.3	6183.2	8953.5	12382.7	17166.0	23772.0	31305.9	37453.0
-2.5°	1082.2	1469.5	2228.4	3755.3	6134.2	8983.1	12332.7	16876.2	23425.0	30767.2	36939.2
-5°	1062.3	1436.2	2163.1	3576.4	5785.3	8563.6	11786.8	16008.5	21962.4	28783.5	34879.4
-7.5°	1030.6	1375.3	2029.6	3275.1	5250.3	7866.7	10911.7	14643.0	19576.0	25667.3	31637.4
-10°	985.0	1287.4	1843.0	2876.4	4585.2	6954.7	9678.6	12790.8	16744.8	21860.2	27085.4
-12.5°	928.1	1176.5	1602.5	2365.3	3792.2	5887.1	8309.1	11052.3	14100.6	17504.6	21836.5
-15°	866.0	1070.9	1419.6	2046.3	3132.5	4744.2	6723.7	9086.4	11582.7	14146.5	16925.1
-17.5°	817.3	983.2	1242.2	1660.6	2388.9	3677.5	5288.1	7158.7	9143.9	11119.4	12835.3
-20°	760.7	882.8	1079.5	1394.5	1905.0	2657.6	3863.5	5334.6	6854.1	8402.2	9706.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627145 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	712.2	813.3	953.9	1147.4	1477.7	1998.2	2674.0	3703.6	4848.2	5977.8	7010.3
-25°	666.5	740.9	847.1	994.8	1184.3	1486.8	1919.8	2421.2	3193.3	3880.0	4669.2
-27.5°	627.8	687.9	759.9	861.7	998.9	1148.4	1404.9	1681.9	2067.7	2373.1	2917.1
-30°	591.9	638.2	695.8	761.8	853.5	961.5	1087.4	1251.1	1428.3	1611.6	1858.3
-32.5°	561.6	597.5	639.8	690.9	745.1	821.2	892.6	989.5	1072.3	1179.1	1295.8
-35°	531.9	562.3	594.9	632.1	672.3	719.7	768.4	825.6	874.1	935.6	992.5
-37.5°	505.1	529.2	556.8	584.5	615.7	645.9	680.7	715.0	744.8	783.5	814.6
-40°	480.6	499.3	522.7	545.8	569.7	590.7	615.6	638.0	658.5	680.6	698.9
-42.5°	458.2	475.3	492.3	511.8	531.2	549.2	566.3	580.9	594.3	607.3	617.5
-45°	437.6	452.8	467.6	482.7	496.9	512.8	527.1	538.2	546.3	553.4	559.0
-47.5°	417.0	431.2	444.6	457.4	469.7	482.1	493.4	501.0	506.6	510.7	513.7
-50°	397.3	410.3	422.7	433.8	444.7	455.1	464.6	470.2	474.1	476.5	477.3
-52.5°	378.4	390.5	401.9	412.3	421.6	430.3	437.8	441.8	445.1	447.4	448.1
-55°	359.2	370.5	381.2	390.5	399.2	407.3	413.3	416.2	418.3	419.7	420.5
-57.5°	337.8	349.1	359.8	367.9	375.9	383.7	389.1	392.1	394.1	395.1	396.1
-60°	313.2	323.8	332.6	340.8	349.2	357.5	361.0	363.7	366.2	368.6	370.8
-62.5°	285.4	294.7	302.0	308.7	315.5	322.0	325.7	328.6	330.7	332.5	334.6
-65°	254.9	263.1	269.3	274.5	278.7	283.2	287.3	290.4	292.4	294.2	296.1
-67.5°	222.3	230.5	236.6	241.4	245.4	248.8	252.1	254.5	256.0	257.6	259.3
-70°	190.5	198.1	204.5	210.1	214.5	217.8	220.4	222.5	224.1	225.2	225.8
-72.5°	159.7	166.0	171.9	177.5	182.3	185.8	188.2	190.1	191.6	192.7	193.2
-75°	130.4	136.0	140.9	145.5	149.8	152.8	154.8	156.3	157.3	158.4	159.3
-77.5°	101.4	105.9	110.0	113.8	117.3	120.1	122.3	124.2	125.5	126.5	127.0
-80°	74.5	78.1	81.5	84.5	87.2	89.1	90.8	92.4	93.9	94.6	94.9
-82.5°	51.3	53.6	55.9	58.2	60.4	61.3	61.9	62.3	62.6	63.5	64.2
-85°	29.8	31.1	32.3	33.4	34.4	34.6	34.7	34.7	34.5	35.0	35.4
-87.5°	10.7	11.0	11.3	11.6	11.9	12.1	12.3	12.5	12.7	12.8	12.9
-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: P627145 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-730-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°	13.0	13.1	13.1	13.1	13.1	13.1	13.0	12.9	12.8	12.7	12.5
85°	35.7	35.9	36.1	36.1	36.1	35.9	35.7	35.4	35.0	34.5	34.7
82.5°	64.8	65.3	65.5	65.6	65.5	65.3	64.8	64.2	63.5	62.6	62.3
80°	94.9	94.7	95.0	95.1	95.0	94.7	94.9	94.9	94.6	93.9	92.4
77.5°	127.3	127.3	127.7	127.9	127.7	127.3	127.3	127.0	126.5	125.5	124.2
75°	159.8	159.9	160.4	160.6	160.4	159.9	159.8	159.3	158.4	157.3	156.3
72.5°	193.2	192.7	193.2	193.4	193.2	192.7	193.2	193.2	192.7	191.6	190.1
70°	225.8	225.4	227.5	229.5	227.5	225.4	225.8	225.8	225.2	224.1	222.5
67.5°	260.5	261.1	263.5	265.6	263.5	261.1	260.5	259.3	257.6	256.0	254.5
65°	297.1	297.2	299.4	301.6	299.4	297.2	297.1	296.1	294.2	292.4	290.4
62.5°	335.9	336.3	338.7	341.0	338.7	336.3	335.9	334.6	332.5	330.7	328.6
60°	372.0	372.4	373.3	373.7	373.3	372.4	372.0	370.8	368.6	366.2	363.7
57.5°	396.4	396.0	396.4	396.7	396.4	396.0	396.4	396.1	395.1	394.1	392.1
55°	420.4	419.3	418.0	416.4	418.0	419.3	420.4	420.5	419.7	418.3	416.2
52.5°	447.5	445.8	444.2	442.6	444.2	445.8	447.5	448.1	447.4	445.1	441.8
50°	476.8	475.2	473.7	472.1	473.7	475.2	476.8	477.3	476.5	474.1	470.2
47.5°	515.7	516.4	516.1	514.7	516.1	516.4	515.7	513.7	510.7	506.6	501.0
45°	563.0	564.9	565.2	563.9	565.2	564.9	563.0	559.0	553.4	546.3	538.2
42.5°	624.7	628.8	631.1	632.7	631.1	628.8	624.7	617.5	607.3	594.3	580.9
40°	712.2	720.7	726.0	731.1	726.0	720.7	712.2	698.9	680.6	658.5	638.0
37.5°	837.6	853.0	859.9	855.7	859.9	853.0	837.6	814.6	783.5	744.8	715.0
35°	1036.2	1065.4	1080.6	1081.9	1080.6	1065.4	1036.2	992.5	935.6	874.1	825.6
32.5°	1382.1	1441.9	1474.0	1478.6	1474.0	1441.9	1382.1	1295.8	1179.1	1072.3	989.5
30°	2047.2	2169.2	2226.6	2213.0	2226.6	2169.2	2047.2	1858.3	1611.6	1428.3	1251.1
27.5°	3340.1	3644.4	3824.7	3839.1	3824.7	3644.4	3340.1	2917.1	2373.1	2067.7	1681.9
25°	5368.3	5887.8	6220.4	6225.8	6220.4	5887.8	5368.3	4669.2	3880.0	3193.3	2421.2
22.5°	7965.0	8674.1	9062.7	9130.5	9062.7	8674.1	7965.0	7010.3	5977.8	4848.2	3703.6
20°	10973.5	11916.8	12421.4	12422.1	12421.4	11916.8	10973.5	9706.9	8402.2	6854.1	5334.6
17.5°	14678.5	16210.2	17171.7	17585.6	17171.7	16210.2	14678.5	12835.3	11119.4	9143.9	7158.7
15°	19600.6	22174.6	23717.0	23995.0	23717.0	22174.6	19600.6	16925.1	14146.5	11582.7	9086.4
12.5°	25594.0	28851.4	31041.0	31843.6	31041.0	28851.4	25594.0	21836.5	17504.6	14100.6	11052.3
10°	31851.5	34869.7	37215.5	38003.8	37215.5	34869.7	31851.5	27085.4	21860.2	16744.8	12790.8
7.5°	36372.1	39971.1	42613.5	43773.9	42613.5	39971.1	36372.1	31637.4	25667.3	19576.0	14643.0
5°	39940.6	44199.2	46658.9	47750.6	46658.9	44199.2	39940.6	34879.4	28783.5	21962.4	16008.5
2.5°	42282.0	46489.9	49094.6	50101.3	49094.6	46489.9	42282.0	36939.2	30767.2	23425.0	16876.2
0°	43157.5	47272.0	49845.6	51075.0	49845.6	47272.0	43157.5	37453.0	31305.9	23772.0	17166.0
-2.5°	42282.0	46489.9	49094.6	50101.3	49094.6	46489.9	42282.0	36939.2	30767.2	23425.0	16876.2
-5°	39940.6	44199.2	46658.9	47750.6	46658.9	44199.2	39940.6	34879.4	28783.5	21962.4	16008.5
-7.5°	36372.1	39971.1	42613.5	43773.9	42613.5	39971.1	36372.1	31637.4	25667.3	19576.0	14643.0
-10°	31851.5	34869.7	37215.5	38003.8	37215.5	34869.7	31851.5	27085.4	21860.2	16744.8	12790.8
-12.5°	25594.0	28851.4	31041.0	31843.6	31041.0	28851.4	25594.0	21836.5	17504.6	14100.6	11052.3
-15°	19600.6	22174.6	23717.0	23995.0	23717.0	22174.6	19600.6	16925.1	14146.5	11582.7	9086.4
-17.5°	14678.5	16210.2	17171.7	17585.6	17171.7	16210.2	14678.5	12835.3	11119.4	9143.9	7158.7
-20°	10973.5	11916.8	12421.4	12422.1	12421.4	11916.8	10973.5	9706.9	8402.2	6854.1	5334.6



REPORT NUMBER: P627145 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-730-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°	7965.0	8674.1	9062.7	9130.5	9062.7	8674.1	7965.0	7010.3	5977.8	4848.2	3703.6
-25°	5368.3	5887.8	6220.4	6225.8	6220.4	5887.8	5368.3	4669.2	3880.0	3193.3	2421.2
-27.5°	3340.1	3644.4	3824.7	3839.1	3824.7	3644.4	3340.1	2917.1	2373.1	2067.7	1681.9
-30°	2047.2	2169.2	2226.6	2213.0	2226.6	2169.2	2047.2	1858.3	1611.6	1428.3	1251.1
-32.5°	1382.1	1441.9	1474.0	1478.6	1474.0	1441.9	1382.1	1295.8	1179.1	1072.3	989.5
-35°	1036.2	1065.4	1080.6	1081.9	1080.6	1065.4	1036.2	992.5	935.6	874.1	825.6
-37.5°	837.6	853.0	859.9	855.7	859.9	853.0	837.6	814.6	783.5	744.8	715.0
-40°	712.2	720.7	726.0	731.1	726.0	720.7	712.2	698.9	680.6	658.5	638.0
-42.5°	624.7	628.8	631.1	632.7	631.1	628.8	624.7	617.5	607.3	594.3	580.9
-45°	563.0	564.9	565.2	563.9	565.2	564.9	563.0	559.0	553.4	546.3	538.2
-47.5°	515.7	516.4	516.1	514.7	516.1	516.4	515.7	513.7	510.7	506.6	501.0
-50°	476.8	475.2	473.7	472.1	473.7	475.2	476.8	477.3	476.5	474.1	470.2
-52.5°	447.5	445.8	444.2	442.6	444.2	445.8	447.5	448.1	447.4	445.1	441.8
-55°	420.4	419.3	418.0	416.4	418.0	419.3	420.4	420.5	419.7	418.3	416.2
-57.5°	396.4	396.0	396.4	396.7	396.4	396.0	396.4	396.1	395.1	394.1	392.1
-60°	372.0	372.4	373.3	373.7	373.3	372.4	372.0	370.8	368.6	366.2	363.7
-62.5°	335.9	336.3	338.7	341.0	338.7	336.3	335.9	334.6	332.5	330.7	328.6
-65°	297.1	297.2	299.4	301.6	299.4	297.2	297.1	296.1	294.2	292.4	290.4
-67.5°	260.5	261.1	263.5	265.6	263.5	261.1	260.5	259.3	257.6	256.0	254.5
-70°	225.8	225.4	227.5	229.5	227.5	225.4	225.8	225.8	225.2	224.1	222.5
-72.5°	193.2	192.7	193.2	193.4	193.2	192.7	193.2	193.2	192.7	191.6	190.1
-75°	159.8	159.9	160.4	160.6	160.4	159.9	159.8	159.3	158.4	157.3	156.3
-77.5°	127.3	127.3	127.7	127.9	127.7	127.3	127.3	127.0	126.5	125.5	124.2
-80°	94.9	94.7	95.0	95.1	95.0	94.7	94.9	94.9	94.6	93.9	92.4
-82.5°	64.8	65.3	65.5	65.6	65.5	65.3	64.8	64.2	63.5	62.6	62.3
-85°	35.7	35.9	36.1	36.1	36.1	35.9	35.7	35.4	35.0	34.5	34.7
-87.5°	13.0	13.1	13.1	13.1	13.1	13.1	13.0	12.9	12.8	12.7	12.5
-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: P627145 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-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°	12.3	12.1	11.9	11.6	11.3	11.0	10.7	10.4	10.0	9.7	9.3
85°	34.7	34.6	34.4	33.4	32.3	31.1	29.8	28.5	27.0	25.5	23.9
82.5°	61.9	61.3	60.4	58.2	55.9	53.6	51.3	49.2	47.1	44.8	42.4
80°	90.8	89.1	87.2	84.5	81.5	78.1	74.5	71.1	67.5	64.1	60.9
77.5°	122.3	120.1	117.3	113.8	110.0	105.9	101.4	96.9	92.4	87.7	82.7
75°	154.8	152.8	149.8	145.5	140.9	136.0	130.4	124.2	117.9	111.7	105.6
72.5°	188.2	185.8	182.3	177.5	171.9	166.0	159.7	152.6	144.8	136.3	128.6
70°	220.4	217.8	214.5	210.1	204.5	198.1	190.5	182.2	173.5	164.3	154.9
67.5°	252.1	248.8	245.4	241.4	236.6	230.5	222.3	212.8	202.7	192.3	181.5
65°	287.3	283.2	278.7	274.5	269.3	263.1	254.9	245.6	234.5	221.8	208.0
62.5°	325.7	322.0	315.5	308.7	302.0	294.7	285.4	275.3	265.1	253.3	237.0
60°	361.0	357.5	349.2	340.8	332.6	323.8	313.2	302.5	291.8	278.9	264.0
57.5°	389.1	383.7	375.9	367.9	359.8	349.1	337.8	327.2	315.5	303.0	289.1
55°	413.3	407.3	399.2	390.5	381.2	370.5	359.2	347.3	336.1	325.8	311.6
52.5°	437.8	430.3	421.6	412.3	401.9	390.5	378.4	365.9	355.0	344.3	332.4
50°	464.6	455.1	444.7	433.8	422.7	410.3	397.3	384.0	373.5	362.4	350.4
47.5°	493.4	482.1	469.7	457.4	444.6	431.2	417.0	402.7	391.1	379.8	367.3
45°	527.1	512.8	496.9	482.7	467.6	452.8	437.6	422.7	408.1	395.4	383.4
42.5°	566.3	549.2	531.2	511.8	492.3	475.3	458.2	442.2	426.0	410.6	396.8
40°	615.6	590.7	569.7	545.8	522.7	499.3	480.6	461.4	443.8	426.4	410.4
37.5°	680.7	645.9	615.7	584.5	556.8	529.2	505.1	483.3	461.4	442.7	424.8
35°	768.4	719.7	672.3	632.1	594.9	562.3	531.9	506.2	482.1	459.1	439.1
32.5°	892.6	821.2	745.1	690.9	639.8	597.5	561.6	529.8	502.1	476.9	454.0
30°	1087.4	961.5	853.5	761.8	695.8	638.2	591.9	554.5	522.0	494.0	468.5
27.5°	1404.9	1148.4	998.9	861.7	759.9	687.9	627.8	579.0	541.4	510.6	482.8
25°	1919.8	1486.8	1184.3	994.8	847.1	740.9	666.5	608.4	562.3	525.8	493.0
22.5°	2674.0	1998.2	1477.7	1147.4	953.9	813.3	712.2	637.3	581.0	538.7	503.0
20°	3863.5	2657.6	1905.0	1394.5	1079.5	882.8	760.7	671.2	603.9	552.6	512.0
17.5°	5288.1	3677.5	2388.9	1660.6	1242.2	983.2	817.3	703.8	624.1	565.2	519.5
15°	6723.7	4744.2	3132.5	2046.3	1419.6	1070.9	866.0	731.9	643.9	579.0	528.9
12.5°	8309.1	5887.1	3792.2	2365.3	1602.5	1176.5	928.1	769.8	665.5	592.7	538.0
10°	9678.6	6954.7	4585.2	2876.4	1843.0	1287.4	985.0	802.3	683.6	603.8	545.1
7.5°	10911.7	7866.7	5250.3	3275.1	2029.6	1375.3	1030.6	828.2	697.1	612.0	550.1
5°	11786.8	8563.6	5785.3	3576.4	2163.1	1436.2	1062.3	846.5	706.1	617.1	553.0
2.5°	12332.7	8983.1	6134.2	3755.3	2228.4	1469.5	1082.2	857.0	713.7	622.8	554.7
0°	12382.7	8953.5	6183.2	3842.3	2186.7	1475.3	1091.7	859.0	718.0	626.2	554.1
-2.5°	12332.7	8983.1	6134.2	3755.3	2228.4	1469.5	1082.2	857.0	713.7	622.8	554.7
-5°	11786.8	8563.6	5785.3	3576.4	2163.1	1436.2	1062.3	846.5	706.1	617.1	553.0
-7.5°	10911.7	7866.7	5250.3	3275.1	2029.6	1375.3	1030.6	828.2	697.1	612.0	550.1
-10°	9678.6	6954.7	4585.2	2876.4	1843.0	1287.4	985.0	802.3	683.6	603.8	545.1
-12.5°	8309.1	5887.1	3792.2	2365.3	1602.5	1176.5	928.1	769.8	665.5	592.7	538.0
-15°	6723.7	4744.2	3132.5	2046.3	1419.6	1070.9	866.0	731.9	643.9	579.0	528.9
-17.5°	5288.1	3677.5	2388.9	1660.6	1242.2	983.2	817.3	703.8	624.1	565.2	519.5
-20°	3863.5	2657.6	1905.0	1394.5	1079.5	882.8	760.7	671.2	603.9	552.6	512.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627145 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2674.0	1998.2	1477.7	1147.4	953.9	813.3	712.2	637.3	581.0	538.7	503.0
-25°	1919.8	1486.8	1184.3	994.8	847.1	740.9	666.5	608.4	562.3	525.8	493.0
-27.5°	1404.9	1148.4	998.9	861.7	759.9	687.9	627.8	579.0	541.4	510.6	482.8
-30°	1087.4	961.5	853.5	761.8	695.8	638.2	591.9	554.5	522.0	494.0	468.5
-32.5°	892.6	821.2	745.1	690.9	639.8	597.5	561.6	529.8	502.1	476.9	454.0
-35°	768.4	719.7	672.3	632.1	594.9	562.3	531.9	506.2	482.1	459.1	439.1
-37.5°	680.7	645.9	615.7	584.5	556.8	529.2	505.1	483.3	461.4	442.7	424.8
-40°	615.6	590.7	569.7	545.8	522.7	499.3	480.6	461.4	443.8	426.4	410.4
-42.5°	566.3	549.2	531.2	511.8	492.3	475.3	458.2	442.2	426.0	410.6	396.8
-45°	527.1	512.8	496.9	482.7	467.6	452.8	437.6	422.7	408.1	395.4	383.4
-47.5°	493.4	482.1	469.7	457.4	444.6	431.2	417.0	402.7	391.1	379.8	367.3
-50°	464.6	455.1	444.7	433.8	422.7	410.3	397.3	384.0	373.5	362.4	350.4
-52.5°	437.8	430.3	421.6	412.3	401.9	390.5	378.4	365.9	355.0	344.3	332.4
-55°	413.3	407.3	399.2	390.5	381.2	370.5	359.2	347.3	336.1	325.8	311.6
-57.5°	389.1	383.7	375.9	367.9	359.8	349.1	337.8	327.2	315.5	303.0	289.1
-60°	361.0	357.5	349.2	340.8	332.6	323.8	313.2	302.5	291.8	278.9	264.0
-62.5°	325.7	322.0	315.5	308.7	302.0	294.7	285.4	275.3	265.1	253.3	237.0
-65°	287.3	283.2	278.7	274.5	269.3	263.1	254.9	245.6	234.5	221.8	208.0
-67.5°	252.1	248.8	245.4	241.4	236.6	230.5	222.3	212.8	202.7	192.3	181.5
-70°	220.4	217.8	214.5	210.1	204.5	198.1	190.5	182.2	173.5	164.3	154.9
-72.5°	188.2	185.8	182.3	177.5	171.9	166.0	159.7	152.6	144.8	136.3	128.6
-75°	154.8	152.8	149.8	145.5	140.9	136.0	130.4	124.2	117.9	111.7	105.6
-77.5°	122.3	120.1	117.3	113.8	110.0	105.9	101.4	96.9	92.4	87.7	82.7
-80°	90.8	89.1	87.2	84.5	81.5	78.1	74.5	71.1	67.5	64.1	60.9
-82.5°	61.9	61.3	60.4	58.2	55.9	53.6	51.3	49.2	47.1	44.8	42.4
-85°	34.7	34.6	34.4	33.4	32.3	31.1	29.8	28.5	27.0	25.5	23.9
-87.5°	12.3	12.1	11.9	11.6	11.3	11.0	10.7	10.4	10.0	9.7	9.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627145 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3C-730-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°	8.8	8.4	8.0	7.5	7.0	6.5	6.0	5.5	5.0	4.5	3.9
85°	22.3	20.6	18.8	16.9	15.0	13.1	12.1	11.1	10.0	9.0	7.9
82.5°	39.9	37.3	34.7	31.9	29.0	26.1	23.1	20.0	16.8	13.7	11.8
80°	57.6	54.1	50.5	46.9	43.2	39.1	35.1	30.9	26.4	22.0	17.8
77.5°	77.5	72.1	66.5	61.9	57.6	52.9	47.8	42.1	35.8	30.2	24.8
75°	99.4	92.8	86.1	79.5	73.2	66.7	60.9	54.2	46.4	38.4	31.7
72.5°	121.8	114.3	106.2	97.9	90.4	82.6	74.7	66.1	57.2	48.1	38.9
70°	145.6	136.3	127.2	117.9	108.2	98.5	89.3	79.0	67.9	57.6	47.2
67.5°	170.2	159.2	148.4	137.7	126.7	115.5	103.9	92.0	79.6	67.0	55.5
65°	195.5	182.5	169.2	157.3	145.1	132.5	119.6	105.0	91.1	77.3	63.6
62.5°	221.2	206.1	191.5	177.0	163.2	149.3	134.8	118.5	102.5	87.3	72.1
60°	247.1	229.8	213.2	197.1	181.2	165.7	149.5	131.5	114.1	97.2	80.7
57.5°	271.9	252.9	234.0	216.4	199.1	182.0	163.8	144.4	125.2	106.9	89.2
55°	296.0	276.5	254.4	234.4	216.0	197.8	177.6	157.1	136.2	116.4	97.3
52.5°	317.3	297.8	275.0	252.0	231.5	212.3	190.8	169.4	147.2	125.4	105.3
50°	336.5	316.8	293.9	269.7	246.3	225.0	203.3	180.7	157.9	134.4	112.9
47.5°	353.2	334.3	311.6	286.3	261.3	237.3	214.8	191.5	168.3	143.5	120.3
45°	368.3	351.1	328.6	302.6	275.3	249.8	225.5	201.7	177.4	152.4	127.4
42.5°	382.3	365.7	345.1	318.6	289.4	261.7	235.8	211.0	185.9	160.8	134.5
40°	395.0	378.3	360.5	333.5	302.8	272.9	245.9	219.9	194.0	168.5	141.4
37.5°	407.5	390.3	371.9	347.5	315.4	284.4	255.4	228.3	201.7	175.3	147.8
35°	420.5	402.0	381.8	358.4	327.4	294.9	264.1	236.1	209.0	181.7	153.9
32.5°	432.8	412.5	390.9	367.7	338.7	304.4	272.5	243.7	215.8	187.8	159.4
30°	445.0	421.1	399.1	377.1	348.5	313.8	280.8	250.8	222.2	193.4	164.5
27.5°	454.2	428.6	406.2	384.5	356.6	322.5	288.8	257.4	228.0	198.5	168.9
25°	462.6	435.8	412.3	390.4	364.7	331.4	296.2	263.4	233.3	203.2	173.0
22.5°	470.9	442.1	417.4	395.4	372.3	339.5	303.1	269.3	238.1	207.4	176.7
20°	478.1	447.1	421.6	400.0	377.4	345.8	309.7	274.6	242.3	211.1	179.9
17.5°	484.2	452.3	426.1	403.8	381.0	351.1	315.4	279.3	246.0	214.4	182.7
15°	490.5	457.6	429.9	406.7	384.0	355.4	320.2	283.2	249.2	217.1	185.3
12.5°	495.9	461.6	432.8	408.8	386.6	358.8	324.3	286.5	251.7	219.7	187.8
10°	500.1	464.2	434.9	410.1	388.6	361.3	327.4	289.5	254.8	222.0	189.8
7.5°	503.0	465.5	436.1	410.6	390.0	363.5	330.5	292.8	257.5	223.9	191.4
5°	505.0	466.1	436.8	411.8	390.8	365.5	332.7	295.3	259.7	225.2	192.5
2.5°	507.4	466.3	436.9	412.8	390.8	366.8	334.0	297.2	261.3	225.9	193.2
0°	508.2	465.5	436.0	413.1	390.1	367.2	334.4	298.3	262.3	226.2	193.4
-2.5°	507.4	466.3	436.9	412.8	390.8	366.8	334.0	297.2	261.3	225.9	193.2
-5°	505.0	466.1	436.8	411.8	390.8	365.5	332.7	295.3	259.7	225.2	192.5
-7.5°	503.0	465.5	436.1	410.6	390.0	363.5	330.5	292.8	257.5	223.9	191.4
-10°	500.1	464.2	434.9	410.1	388.6	361.3	327.4	289.5	254.8	222.0	189.8
-12.5°	495.9	461.6	432.8	408.8	386.6	358.8	324.3	286.5	251.7	219.7	187.8
-15°	490.5	457.6	429.9	406.7	384.0	355.4	320.2	283.2	249.2	217.1	185.3
-17.5°	484.2	452.3	426.1	403.8	381.0	351.1	315.4	279.3	246.0	214.4	182.7
-20°	478.1	447.1	421.6	400.0	377.4	345.8	309.7	274.6	242.3	211.1	179.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627145 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-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°	470.9	442.1	417.4	395.4	372.3	339.5	303.1	269.3	238.1	207.4	176.7
-25°	462.6	435.8	412.3	390.4	364.7	331.4	296.2	263.4	233.3	203.2	173.0
-27.5°	454.2	428.6	406.2	384.5	356.6	322.5	288.8	257.4	228.0	198.5	168.9
-30°	445.0	421.1	399.1	377.1	348.5	313.8	280.8	250.8	222.2	193.4	164.5
-32.5°	432.8	412.5	390.9	367.7	338.7	304.4	272.5	243.7	215.8	187.8	159.4
-35°	420.5	402.0	381.8	358.4	327.4	294.9	264.1	236.1	209.0	181.7	153.9
-37.5°	407.5	390.3	371.9	347.5	315.4	284.4	255.4	228.3	201.7	175.3	147.8
-40°	395.0	378.3	360.5	333.5	302.8	272.9	245.9	219.9	194.0	168.5	141.4
-42.5°	382.3	365.7	345.1	318.6	289.4	261.7	235.8	211.0	185.9	160.8	134.5
-45°	368.3	351.1	328.6	302.6	275.3	249.8	225.5	201.7	177.4	152.4	127.4
-47.5°	353.2	334.3	311.6	286.3	261.3	237.3	214.8	191.5	168.3	143.5	120.3
-50°	336.5	316.8	293.9	269.7	246.3	225.0	203.3	180.7	157.9	134.4	112.9
-52.5°	317.3	297.8	275.0	252.0	231.5	212.3	190.8	169.4	147.2	125.4	105.3
-55°	296.0	276.5	254.4	234.4	216.0	197.8	177.6	157.1	136.2	116.4	97.3
-57.5°	271.9	252.9	234.0	216.4	199.1	182.0	163.8	144.4	125.2	106.9	89.2
-60°	247.1	229.8	213.2	197.1	181.2	165.7	149.5	131.5	114.1	97.2	80.7
-62.5°	221.2	206.1	191.5	177.0	163.2	149.3	134.8	118.5	102.5	87.3	72.1
-65°	195.5	182.5	169.2	157.3	145.1	132.5	119.6	105.0	91.1	77.3	63.6
-67.5°	170.2	159.2	148.4	137.7	126.7	115.5	103.9	92.0	79.6	67.0	55.5
-70°	145.6	136.3	127.2	117.9	108.2	98.5	89.3	79.0	67.9	57.6	47.2
-72.5°	121.8	114.3	106.2	97.9	90.4	82.6	74.7	66.1	57.2	48.1	38.9
-75°	99.4	92.8	86.1	79.5	73.2	66.7	60.9	54.2	46.4	38.4	31.7
-77.5°	77.5	72.1	66.5	61.9	57.6	52.9	47.8	42.1	35.8	30.2	24.8
-80°	57.6	54.1	50.5	46.9	43.2	39.1	35.1	30.9	26.4	22.0	17.8
-82.5°	39.9	37.3	34.7	31.9	29.0	26.1	23.1	20.0	16.8	13.7	11.8
-85°	22.3	20.6	18.8	16.9	15.0	13.1	12.1	11.1	10.0	9.0	7.9
-87.5°	8.8	8.4	8.0	7.5	7.0	6.5	6.0	5.5	5.0	4.5	3.9
-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: P627145 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-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°	3.4	2.8	2.3	1.7	1.1	0.6	0.0
85°	6.8	5.7	4.5	3.4	2.3	1.1	0.0
82.5°	10.1	8.5	6.8	5.1	3.4	1.7	0.0
80°	13.8	11.3	9.1	6.8	4.5	2.3	0.0
77.5°	19.6	14.8	11.3	8.5	5.7	2.8	0.0
75°	25.4	19.6	13.8	10.1	6.8	3.4	0.0
72.5°	31.2	24.4	17.6	11.8	7.9	3.9	0.0
70°	37.0	29.2	21.4	13.6	9.0	4.5	0.0
67.5°	44.2	33.8	25.2	16.4	10.0	5.0	0.0
65°	51.2	39.0	28.8	19.2	11.1	5.5	0.0
62.5°	58.1	44.8	32.4	21.9	12.1	6.0	0.0
60°	64.8	50.4	35.9	24.5	13.1	6.5	0.0
57.5°	71.9	55.9	40.3	27.1	14.8	7.0	0.0
55°	78.9	61.3	44.6	29.6	16.5	7.5	0.0
52.5°	85.5	66.5	48.7	32.0	18.1	8.0	0.0
50°	91.9	71.8	52.7	34.4	19.6	8.4	0.0
47.5°	98.1	76.8	56.6	36.8	21.2	8.8	0.0
45°	104.1	81.7	60.3	39.6	22.6	9.3	0.0
42.5°	109.9	86.2	63.9	42.3	24.0	9.7	0.0
40°	115.5	90.6	67.3	44.8	25.3	10.0	0.0
37.5°	120.7	94.6	70.6	47.1	26.6	10.4	0.0
35°	125.7	98.6	73.7	49.3	27.8	10.7	0.0
32.5°	130.4	102.5	76.5	51.3	28.9	11.0	0.0
30°	134.8	106.1	79.2	53.2	29.9	11.3	0.0
27.5°	138.9	109.4	81.5	54.9	30.9	11.6	0.0
25°	142.5	112.4	83.8	56.4	31.8	11.9	0.0
22.5°	145.8	115.2	85.8	57.8	32.6	12.1	0.0
20°	148.6	117.6	87.7	58.9	33.3	12.3	0.0
17.5°	151.2	119.6	89.3	59.9	34.0	12.5	0.0
15°	153.6	121.3	90.8	60.8	34.5	12.7	0.0
12.5°	155.7	122.6	92.1	61.4	35.0	12.8	0.0
10°	157.4	123.7	93.2	61.9	35.4	12.9	0.0
7.5°	158.8	124.4	94.0	62.3	35.7	13.0	0.0
5°	159.8	124.7	94.6	62.4	35.9	13.1	0.0
2.5°	160.4	124.8	95.0	62.4	36.1	13.1	0.0
0°	160.6	124.6	95.1	62.3	36.1	13.1	0.0
-2.5°	160.4	124.8	95.0	62.4	36.1	13.1	0.0
-5°	159.8	124.7	94.6	62.4	35.9	13.1	0.0
-7.5°	158.8	124.4	94.0	62.3	35.7	13.0	0.0
-10°	157.4	123.7	93.2	61.9	35.4	12.9	0.0
-12.5°	155.7	122.6	92.1	61.4	35.0	12.8	0.0
-15°	153.6	121.3	90.8	60.8	34.5	12.7	0.0
-17.5°	151.2	119.6	89.3	59.9	34.0	12.5	0.0
-20°	148.6	117.6	87.7	58.9	33.3	12.3	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627145 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3C-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	145.8	115.2	85.8	57.8	32.6	12.1	0.0
-25°	142.5	112.4	83.8	56.4	31.8	11.9	0.0
-27.5°	138.9	109.4	81.5	54.9	30.9	11.6	0.0
-30°	134.8	106.1	79.2	53.2	29.9	11.3	0.0
-32.5°	130.4	102.5	76.5	51.3	28.9	11.0	0.0
-35°	125.7	98.6	73.7	49.3	27.8	10.7	0.0
-37.5°	120.7	94.6	70.6	47.1	26.6	10.4	0.0
-40°	115.5	90.6	67.3	44.8	25.3	10.0	0.0
-42.5°	109.9	86.2	63.9	42.3	24.0	9.7	0.0
-45°	104.1	81.7	60.3	39.6	22.6	9.3	0.0
-47.5°	98.1	76.8	56.6	36.8	21.2	8.8	0.0
-50°	91.9	71.8	52.7	34.4	19.6	8.4	0.0
-52.5°	85.5	66.5	48.7	32.0	18.1	8.0	0.0
-55°	78.9	61.3	44.6	29.6	16.5	7.5	0.0
-57.5°	71.9	55.9	40.3	27.1	14.8	7.0	0.0
-60°	64.8	50.4	35.9	24.5	13.1	6.5	0.0
-62.5°	58.1	44.8	32.4	21.9	12.1	6.0	0.0
-65°	51.2	39.0	28.8	19.2	11.1	5.5	0.0
-67.5°	44.2	33.8	25.2	16.4	10.0	5.0	0.0
-70°	37.0	29.2	21.4	13.6	9.0	4.5	0.0
-72.5°	31.2	24.4	17.6	11.8	7.9	3.9	0.0
-75°	25.4	19.6	13.8	10.1	6.8	3.4	0.0
-77.5°	19.6	14.8	11.3	8.5	5.7	2.8	0.0
-80°	13.8	11.3	9.1	6.8	4.5	2.3	0.0
-82.5°	10.1	8.5	6.8	5.1	3.4	1.7	0.0
-85°	6.8	5.7	4.5	3.4	2.3	1.1	0.0
-87.5°	3.4	2.8	2.3	1.7	1.1	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)