

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: P627385 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-730-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627385 (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-SA4C-730-U-MR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N91
Light Source: (64) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

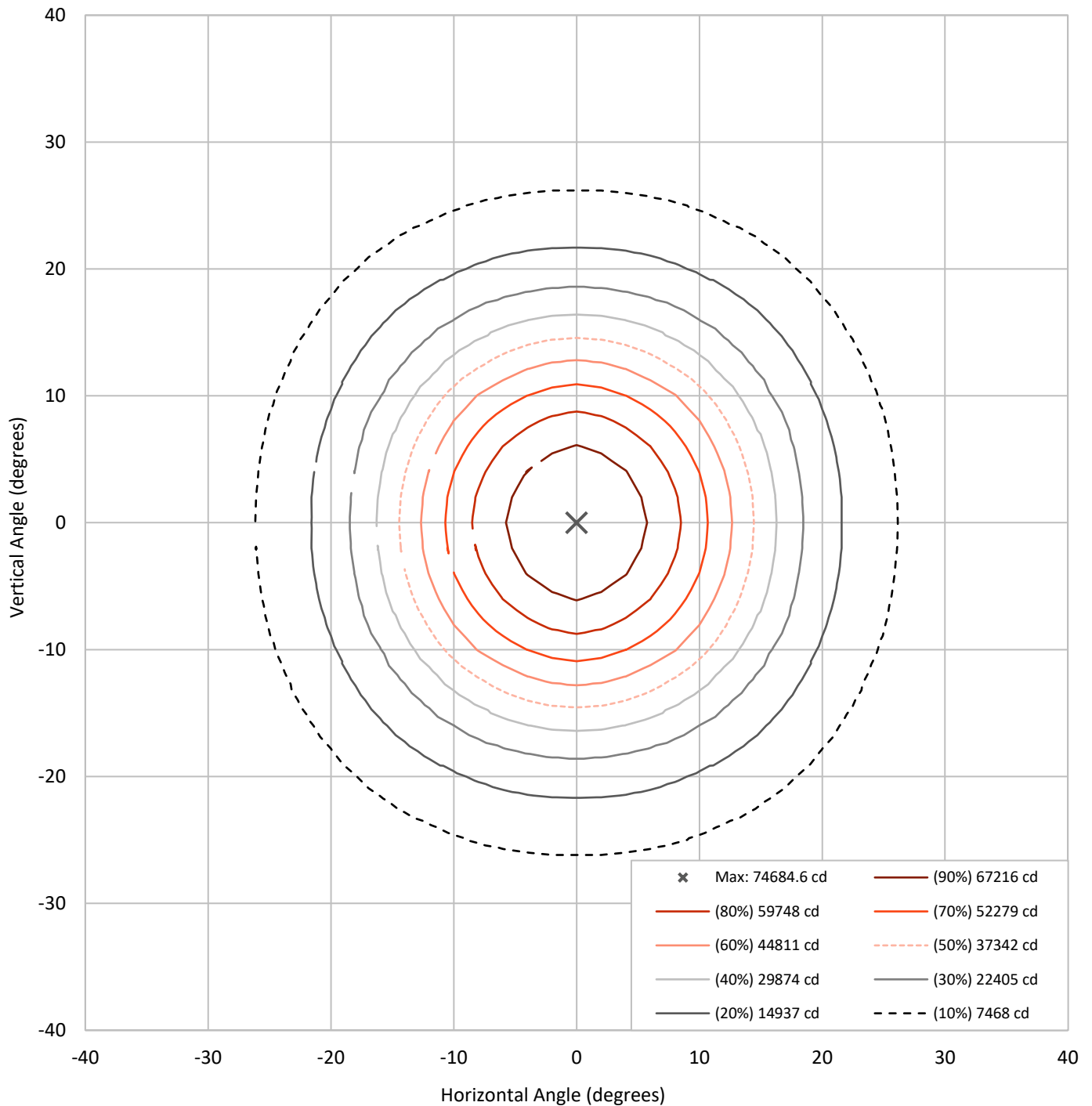
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	23334 lumens	Max Intensity:	74684.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	138.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	11344.7 lumens	Field Lumens:	19145.2 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	168.2		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





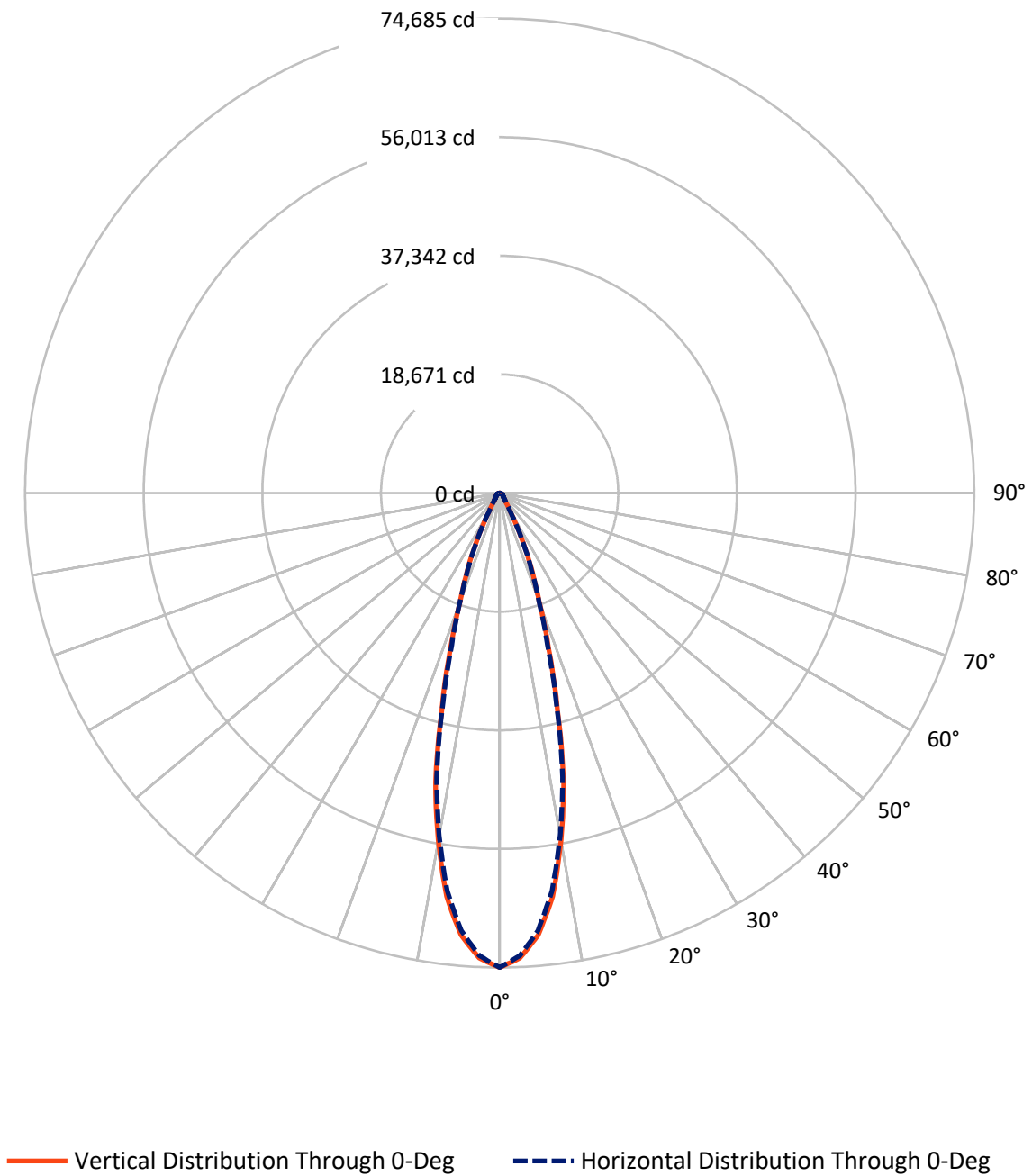
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Lumen Table

90	0.4	3.9		10.1		16.0		17.8		16.0		10.1		3.9		0.4			
80	0.4	3.9		10.1		16.0		17.8		16.0		10.1		3.9		0.4			
70	1.7	2.0	4.0	6.6	9.2	11.3	12.6	13.3	13.3	12.6	11.3	9.2	6.6	4.0	2.0	1.7			
60		3.0	6.0	9.7	13.0	16.0	18.0	18.7	18.7	18.0	16.0	13.0	9.7	6.0	3.0				
50	3.1	3.8	7.7	12.0	16.0	20.2	23.7	25.5	25.5	23.7	20.2	16.0	12.0	7.7	3.8	3.1			
40		4.5	9.1	13.9	19.6	27.9	40.4	52.5	52.5	40.4	27.9	19.6	13.9	9.1	4.5				
30	3.9	5.0	9.9	15.6	25.1	54.6	153.6	272.4	272.4	153.6	54.6	25.1	15.6	9.9	5.0	3.9			
20		5.4	10.4	17.0	34.2	143.2	510.4	978.1	978.1	510.4	143.2	34.2	17.0	10.4	5.4				
10	4.2	5.6	10.6	17.9	43.4	247.2	944.8	1858.3	1858.3	944.8	247.2	43.4	17.9	10.6	5.6	4.2			
0		5.6	10.6	17.9	43.4	247.2	944.8	1858.3	1858.3	944.8	247.2	43.4	17.9	10.6	5.6				
-10	3.9	5.4	10.4	17.0	34.2	143.2	510.4	978.1	978.1	510.4	143.2	34.2	17.0	10.4	5.4	3.9			
-20		5.0	9.9	15.6	25.1	54.6	153.6	272.4	272.4	153.6	54.6	25.1	15.6	9.9	5.0				
-30	3.1	4.5	9.1	13.9	19.6	27.9	40.4	52.5	52.5	40.4	27.9	19.6	13.9	9.1	4.5	3.1			
-40		3.8	7.7	12.0	16.0	20.2	23.7	25.5	25.5	23.7	20.2	16.0	12.0	7.7	3.8				
-50	1.7	3.0	6.0	9.7	13.0	16.0	18.0	18.7	18.7	18.0	16.0	13.0	9.7	6.0	3.0	1.7			
-60		2.0	4.0	6.6	9.2	11.3	12.6	13.3	13.3	12.6	11.3	9.2	6.6	4.0	2.0				
-70	0.4	3.9		10.1		16.0		17.8		16.0		10.1		3.9		0.4			
-80		3.9		10.1		16.0		17.8		16.0		10.1		3.9					
-90	0.4	3.9		10.1		16.0		17.8		16.0		10.1		3.9		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

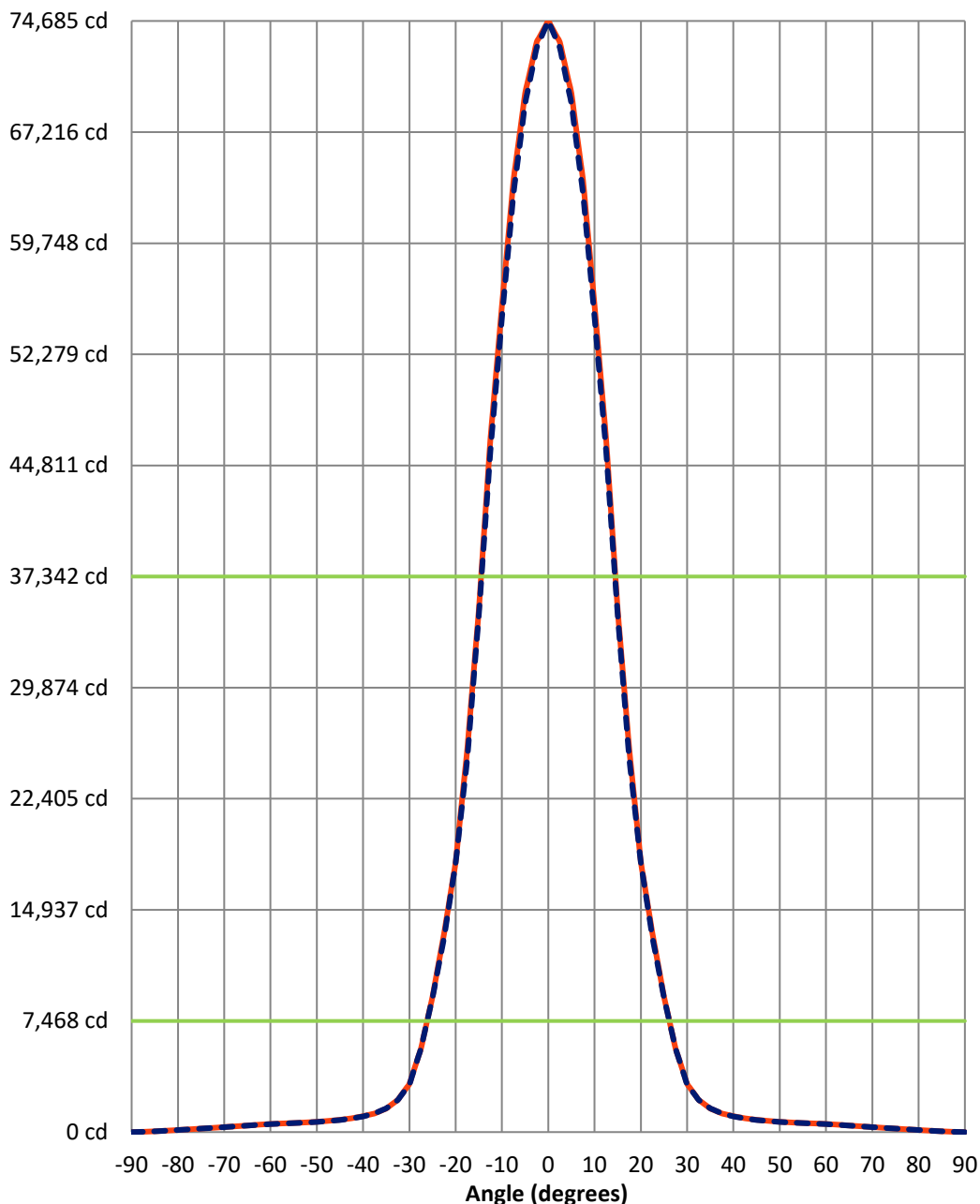
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 11344.7
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 19145.2
 Efficiency: 82.0%

Spill:
 Lumens: 4188.8
 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	4.2	5.0	5.8	6.6	7.3	8.1
85°	0.0	1.7	3.3	5.0	6.7	8.3	9.9	11.5	13.1	14.7	16.2
82.5°	0.0	2.5	5.0	7.5	10.0	12.4	14.9	17.3	20.0	24.6	29.3
80°	0.0	3.3	6.7	10.0	13.3	16.5	20.2	26.0	32.1	38.6	45.3
77.5°	0.0	4.2	8.3	12.4	16.5	21.7	28.7	36.2	44.1	52.4	61.5
75°	0.0	5.0	9.9	14.9	20.2	28.7	37.2	46.2	56.2	67.8	79.3
72.5°	0.0	5.8	11.5	17.3	25.8	35.7	45.5	56.8	70.3	83.6	96.8
70°	0.0	6.6	13.1	20.0	31.3	42.6	54.1	69.0	84.2	99.3	115.6
67.5°	0.0	7.3	14.7	24.1	36.8	49.4	64.5	81.1	98.0	116.4	134.5
65°	0.0	8.1	16.2	28.1	42.1	57.0	74.8	92.9	113.0	133.2	153.6
62.5°	0.0	8.9	17.7	32.0	47.3	65.4	84.9	105.4	127.7	149.9	173.2
60°	0.0	9.6	19.2	35.8	52.4	73.7	94.8	118.0	142.1	166.8	192.3
57.5°	0.0	10.3	21.7	39.6	58.8	81.7	105.1	130.3	156.3	183.2	211.1
55°	0.0	11.0	24.1	43.2	65.1	89.5	115.3	142.3	170.2	199.1	229.7
52.5°	0.0	11.7	26.5	46.8	71.2	97.2	125.0	153.9	183.5	215.3	247.7
50°	0.0	12.3	28.7	50.2	77.0	104.9	134.3	165.1	196.6	231.0	264.3
47.5°	0.0	13.0	30.9	53.7	82.7	112.3	143.3	175.9	209.9	246.1	280.0
45°	0.0	13.6	33.0	57.8	88.2	119.4	152.2	186.3	222.9	259.4	294.9
42.5°	0.0	14.2	35.1	61.7	93.4	126.0	160.7	196.7	235.1	271.9	308.6
40°	0.0	14.7	37.0	65.4	98.4	132.4	168.9	206.8	246.4	283.6	321.5
37.5°	0.0	15.2	38.8	68.9	103.2	138.3	176.5	216.2	256.4	294.9	333.7
35°	0.0	15.7	40.6	72.1	107.7	144.2	183.8	225.0	265.8	305.6	345.2
32.5°	0.0	16.2	42.2	75.0	111.9	149.8	190.7	233.1	274.6	315.6	356.4
30°	0.0	16.6	43.7	77.8	115.7	155.1	197.2	240.5	282.7	324.8	366.7
27.5°	0.0	17.0	45.1	80.2	119.2	159.9	203.1	247.1	290.2	333.4	376.3
25°	0.0	17.4	46.4	82.4	122.4	164.4	208.4	253.0	297.1	341.2	385.0
22.5°	0.0	17.7	47.6	84.4	125.4	168.4	213.2	258.4	303.3	348.2	393.8
20°	0.0	18.0	48.7	86.1	128.1	171.9	217.4	263.1	308.8	354.4	401.6
17.5°	0.0	18.3	49.6	87.6	130.6	174.9	221.2	267.2	313.5	359.8	408.4
15°	0.0	18.5	50.4	88.8	132.8	177.3	224.7	271.0	317.6	364.3	414.1
12.5°	0.0	18.7	51.1	89.8	134.6	179.3	227.7	274.6	321.3	368.1	418.9
10°	0.0	18.9	51.7	90.5	136.2	180.8	230.2	277.5	324.7	372.5	423.3
7.5°	0.0	19.0	52.1	91.0	137.4	181.8	232.2	279.8	327.4	376.5	428.1
5°	0.0	19.1	52.4	91.3	138.3	182.4	233.7	281.5	329.3	379.7	431.9
2.5°	0.0	19.2	52.6	91.3	138.8	182.5	234.6	282.5	330.4	382.0	434.6
0°	0.0	19.2	52.7	91.1	139.0	182.2	234.9	282.8	330.8	383.5	436.2
-2.5°	0.0	19.2	52.6	91.3	138.8	182.5	234.6	282.5	330.4	382.0	434.6
-5°	0.0	19.1	52.4	91.3	138.3	182.4	233.7	281.5	329.3	379.7	431.9
-7.5°	0.0	19.0	52.1	91.0	137.4	181.8	232.2	279.8	327.4	376.5	428.1
-10°	0.0	18.9	51.7	90.5	136.2	180.8	230.2	277.5	324.7	372.5	423.3
-12.5°	0.0	18.7	51.1	89.8	134.6	179.3	227.7	274.6	321.3	368.1	418.9
-15°	0.0	18.5	50.4	88.8	132.8	177.3	224.7	271.0	317.6	364.3	414.1
-17.5°	0.0	18.3	49.6	87.6	130.6	174.9	221.2	267.2	313.5	359.8	408.4
-20°	0.0	18.0	48.7	86.1	128.1	171.9	217.4	263.1	308.8	354.4	401.6

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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	17.7	47.6	84.4	125.4	168.4	213.2	258.4	303.3	348.2	393.8
-25°	0.0	17.4	46.4	82.4	122.4	164.4	208.4	253.0	297.1	341.2	385.0
-27.5°	0.0	17.0	45.1	80.2	119.2	159.9	203.1	247.1	290.2	333.4	376.3
-30°	0.0	16.6	43.7	77.8	115.7	155.1	197.2	240.5	282.7	324.8	366.7
-32.5°	0.0	16.2	42.2	75.0	111.9	149.8	190.7	233.1	274.6	315.6	356.4
-35°	0.0	15.7	40.6	72.1	107.7	144.2	183.8	225.0	265.8	305.6	345.2
-37.5°	0.0	15.2	38.8	68.9	103.2	138.3	176.5	216.2	256.4	294.9	333.7
-40°	0.0	14.7	37.0	65.4	98.4	132.4	168.9	206.8	246.4	283.6	321.5
-42.5°	0.0	14.2	35.1	61.7	93.4	126.0	160.7	196.7	235.1	271.9	308.6
-45°	0.0	13.6	33.0	57.8	88.2	119.4	152.2	186.3	222.9	259.4	294.9
-47.5°	0.0	13.0	30.9	53.7	82.7	112.3	143.3	175.9	209.9	246.1	280.0
-50°	0.0	12.3	28.7	50.2	77.0	104.9	134.3	165.1	196.6	231.0	264.3
-52.5°	0.0	11.7	26.5	46.8	71.2	97.2	125.0	153.9	183.5	215.3	247.7
-55°	0.0	11.0	24.1	43.2	65.1	89.5	115.3	142.3	170.2	199.1	229.7
-57.5°	0.0	10.3	21.7	39.6	58.8	81.7	105.1	130.3	156.3	183.2	211.1
-60°	0.0	9.6	19.2	35.8	52.4	73.7	94.8	118.0	142.1	166.8	192.3
-62.5°	0.0	8.9	17.7	32.0	47.3	65.4	84.9	105.4	127.7	149.9	173.2
-65°	0.0	8.1	16.2	28.1	42.1	57.0	74.8	92.9	113.0	133.2	153.6
-67.5°	0.0	7.3	14.7	24.1	36.8	49.4	64.5	81.1	98.0	116.4	134.5
-70°	0.0	6.6	13.1	20.0	31.3	42.6	54.1	69.0	84.2	99.3	115.6
-72.5°	0.0	5.8	11.5	17.3	25.8	35.7	45.5	56.8	70.3	83.6	96.8
-75°	0.0	5.0	9.9	14.9	20.2	28.7	37.2	46.2	56.2	67.8	79.3
-77.5°	0.0	4.2	8.3	12.4	16.5	21.7	28.7	36.2	44.1	52.4	61.5
-80°	0.0	3.3	6.7	10.0	13.3	16.5	20.2	26.0	32.1	38.6	45.3
-82.5°	0.0	2.5	5.0	7.5	10.0	12.4	14.9	17.3	20.0	24.6	29.3
-85°	0.0	1.7	3.3	5.0	6.7	8.3	9.9	11.5	13.1	14.7	16.2
-87.5°	0.0	0.8	1.7	2.5	3.3	4.2	5.0	5.8	6.6	7.3	8.1
-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°	8.9	9.6	10.3	11.0	11.7	12.3	13.0	13.6	14.2	14.7	15.2
85°	17.7	19.2	22.0	24.8	27.5	30.1	32.6	35.0	37.3	39.5	41.6
82.5°	33.8	38.2	42.5	46.7	50.7	54.6	58.4	62.0	65.5	68.8	72.0
80°	51.4	57.2	63.1	68.6	73.9	79.1	84.2	89.0	93.7	98.7	103.9
77.5°	69.9	77.4	84.3	90.5	97.3	105.4	113.3	120.9	128.1	135.1	141.6
75°	89.1	97.6	107.0	116.2	125.9	135.7	145.2	154.4	163.3	172.5	181.6
72.5°	109.2	120.8	132.1	143.1	155.2	167.2	178.1	188.1	199.4	211.8	223.2
70°	130.6	144.0	158.2	172.3	186.1	199.4	212.9	226.5	240.3	253.6	266.4
67.5°	152.0	168.9	185.3	201.4	217.0	232.9	248.9	265.4	281.2	296.4	311.1
65°	174.9	193.7	212.1	230.1	247.5	266.8	285.9	304.2	324.3	342.9	359.1
62.5°	197.1	218.2	238.6	258.8	280.0	301.4	323.4	346.5	370.4	387.7	402.6
60°	218.5	242.3	265.0	288.2	311.8	336.0	361.3	386.0	407.8	426.7	442.3
57.5°	239.4	266.1	291.2	316.4	342.2	369.7	397.6	422.8	443.1	461.3	478.4
55°	259.7	289.2	315.9	342.7	372.0	404.3	432.9	455.6	476.4	491.4	507.8
52.5°	278.9	310.5	338.5	368.5	402.1	435.5	464.0	486.0	503.5	519.1	535.0
50°	297.3	329.1	360.2	394.3	429.7	463.3	492.1	512.4	529.9	546.1	561.5
47.5°	314.0	347.1	382.1	418.7	455.6	488.8	516.4	537.1	555.3	571.9	588.9
45°	329.8	365.3	402.5	442.5	480.4	513.3	538.4	560.6	578.1	596.9	618.1
42.5°	344.8	382.7	423.2	465.8	504.5	534.6	559.0	580.2	600.4	623.0	646.5
40°	359.6	399.1	442.8	487.6	527.1	553.2	577.5	600.1	623.4	648.9	674.6
37.5°	373.4	415.8	461.2	508.0	543.7	570.8	595.9	621.1	647.2	674.6	706.7
35°	386.1	431.1	478.8	524.0	558.3	587.8	614.8	642.1	671.3	704.9	740.3
32.5°	398.4	445.1	495.2	537.6	571.6	603.1	633.0	663.8	697.3	734.3	774.7
30°	410.5	458.8	509.5	551.4	583.5	615.8	650.7	685.0	722.3	763.3	810.8
27.5°	422.3	471.5	521.5	562.2	594.0	626.8	664.2	706.0	746.7	791.6	846.6
25°	433.0	484.6	533.3	570.9	602.9	637.3	676.4	720.9	768.8	822.2	889.5
22.5°	443.3	496.4	544.5	578.2	610.4	646.5	688.6	735.6	787.6	849.5	931.9
20°	452.8	505.6	551.9	584.9	616.6	653.9	699.1	748.6	808.0	883.0	981.5
17.5°	461.2	513.4	557.1	590.4	623.1	661.5	708.1	759.6	826.4	912.6	1029.1
15°	468.3	519.7	561.5	594.7	628.6	669.3	717.3	773.4	846.5	941.6	1070.3
12.5°	474.2	524.7	565.3	597.7	632.9	675.0	725.1	786.7	866.7	973.2	1125.8
10°	478.8	528.3	568.2	599.6	635.9	678.8	731.2	797.1	883.0	999.6	1173.3
7.5°	483.2	531.5	570.3	600.4	637.7	680.7	735.6	804.4	894.9	1019.4	1211.1
5°	486.5	534.5	571.5	602.2	638.8	681.6	738.5	808.7	902.3	1032.5	1237.9
2.5°	488.4	536.3	571.5	603.5	638.8	681.9	741.9	811.1	910.6	1043.6	1253.1
0°	489.0	536.9	570.5	604.0	637.6	680.7	743.1	810.2	915.6	1049.9	1256.0
-2.5°	488.4	536.3	571.5	603.5	638.8	681.9	741.9	811.1	910.6	1043.6	1253.1
-5°	486.5	534.5	571.5	602.2	638.8	681.6	738.5	808.7	902.3	1032.5	1237.9
-7.5°	483.2	531.5	570.3	600.4	637.7	680.7	735.6	804.4	894.9	1019.4	1211.1
-10°	478.8	528.3	568.2	599.6	635.9	678.8	731.2	797.1	883.0	999.6	1173.3
-12.5°	474.2	524.7	565.3	597.7	632.9	675.0	725.1	786.7	866.7	973.2	1125.8
-15°	468.3	519.7	561.5	594.7	628.6	669.3	717.3	773.4	846.5	941.6	1070.3
-17.5°	461.2	513.4	557.1	590.4	623.1	661.5	708.1	759.6	826.4	912.6	1029.1
-20°	452.8	505.6	551.9	584.9	616.6	653.9	699.1	748.6	808.0	883.0	981.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627385 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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°	443.3	496.4	544.5	578.2	610.4	646.5	688.6	735.6	787.6	849.5	931.9
-25°	433.0	484.6	533.3	570.9	602.9	637.3	676.4	720.9	768.8	822.2	889.5
-27.5°	422.3	471.5	521.5	562.2	594.0	626.8	664.2	706.0	746.7	791.6	846.6
-30°	410.5	458.8	509.5	551.4	583.5	615.8	650.7	685.0	722.3	763.3	810.8
-32.5°	398.4	445.1	495.2	537.6	571.6	603.1	633.0	663.8	697.3	734.3	774.7
-35°	386.1	431.1	478.8	524.0	558.3	587.8	614.8	642.1	671.3	704.9	740.3
-37.5°	373.4	415.8	461.2	508.0	543.7	570.8	595.9	621.1	647.2	674.6	706.7
-40°	359.6	399.1	442.8	487.6	527.1	553.2	577.5	600.1	623.4	648.9	674.6
-42.5°	344.8	382.7	423.2	465.8	504.5	534.6	559.0	580.2	600.4	623.0	646.5
-45°	329.8	365.3	402.5	442.5	480.4	513.3	538.4	560.6	578.1	596.9	618.1
-47.5°	314.0	347.1	382.1	418.7	455.6	488.8	516.4	537.1	555.3	571.9	588.9
-50°	297.3	329.1	360.2	394.3	429.7	463.3	492.1	512.4	529.9	546.1	561.5
-52.5°	278.9	310.5	338.5	368.5	402.1	435.5	464.0	486.0	503.5	519.1	535.0
-55°	259.7	289.2	315.9	342.7	372.0	404.3	432.9	455.6	476.4	491.4	507.8
-57.5°	239.4	266.1	291.2	316.4	342.2	369.7	397.6	422.8	443.1	461.3	478.4
-60°	218.5	242.3	265.0	288.2	311.8	336.0	361.3	386.0	407.8	426.7	442.3
-62.5°	197.1	218.2	238.6	258.8	280.0	301.4	323.4	346.5	370.4	387.7	402.6
-65°	174.9	193.7	212.1	230.1	247.5	266.8	285.9	304.2	324.3	342.9	359.1
-67.5°	152.0	168.9	185.3	201.4	217.0	232.9	248.9	265.4	281.2	296.4	311.1
-70°	130.6	144.0	158.2	172.3	186.1	199.4	212.9	226.5	240.3	253.6	266.4
-72.5°	109.2	120.8	132.1	143.1	155.2	167.2	178.1	188.1	199.4	211.8	223.2
-75°	89.1	97.6	107.0	116.2	125.9	135.7	145.2	154.4	163.3	172.5	181.6
-77.5°	69.9	77.4	84.3	90.5	97.3	105.4	113.3	120.9	128.1	135.1	141.6
-80°	51.4	57.2	63.1	68.6	73.9	79.1	84.2	89.0	93.7	98.7	103.9
-82.5°	33.8	38.2	42.5	46.7	50.7	54.6	58.4	62.0	65.5	68.8	72.0
-85°	17.7	19.2	22.0	24.8	27.5	30.1	32.6	35.0	37.3	39.5	41.6
-87.5°	8.9	9.6	10.3	11.0	11.7	12.3	13.0	13.6	14.2	14.7	15.2
-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: P627385 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	15.7	16.2	16.6	17.0	17.4	17.7	18.0	18.3	18.5	18.7	18.9
85°	43.6	45.5	47.2	48.8	50.3	50.7	50.8	50.7	50.4	51.1	51.7
82.5°	75.0	78.4	81.8	85.1	88.4	89.7	90.5	91.1	91.5	92.8	93.9
80°	108.9	114.2	119.1	123.5	127.4	130.2	132.8	135.1	137.2	138.2	138.7
77.5°	148.3	154.7	160.8	166.4	171.5	175.6	178.9	181.6	183.6	185.0	185.8
75°	190.7	198.9	206.1	212.9	219.1	223.4	226.4	228.6	230.1	231.7	233.0
72.5°	233.5	242.8	251.4	259.5	266.6	271.7	275.2	278.0	280.1	281.7	282.5
70°	278.5	289.6	299.1	307.2	313.7	318.5	322.3	325.3	327.7	329.3	330.1
67.5°	325.1	337.0	345.9	353.0	358.8	363.9	368.6	372.1	374.4	376.7	379.1
65°	372.6	384.7	393.8	401.4	407.5	414.1	420.1	424.5	427.5	430.2	433.0
62.5°	417.3	431.0	441.6	451.4	461.4	470.8	476.3	480.5	483.6	486.2	489.4
60°	457.9	473.4	486.3	498.2	510.5	522.7	527.8	531.8	535.5	539.0	542.2
57.5°	493.9	510.4	526.1	537.9	549.6	561.1	569.0	573.3	576.2	577.9	579.2
55°	525.3	541.7	557.4	571.0	583.7	595.5	604.3	608.5	611.7	613.7	614.9
52.5°	553.4	571.0	587.7	602.8	616.5	629.2	640.2	646.1	650.8	654.2	655.3
50°	581.0	600.0	618.2	634.3	650.2	665.4	679.4	687.5	693.2	696.8	697.9
47.5°	609.8	630.4	650.1	668.8	686.9	704.9	721.5	732.6	740.8	746.8	751.1
45°	639.8	662.0	683.7	705.9	726.7	749.9	770.9	787.0	798.9	809.2	817.4
42.5°	669.9	694.9	719.9	748.4	776.8	803.2	828.2	849.5	869.0	888.1	902.9
40°	702.8	730.2	764.3	798.0	833.1	863.8	900.2	932.9	962.8	995.2	1021.9
37.5°	738.7	773.8	814.2	854.7	900.3	944.4	995.3	1045.5	1089.0	1145.7	1191.2
35°	777.7	822.3	870.0	924.3	983.1	1052.4	1123.6	1207.2	1278.1	1368.1	1451.3
32.5°	821.2	873.7	935.6	1010.3	1089.5	1200.8	1305.1	1446.8	1567.9	1724.1	1894.8
30°	865.5	933.2	1017.5	1113.9	1248.0	1405.9	1590.0	1829.5	2088.5	2356.5	2717.4
27.5°	918.0	1005.9	1111.1	1260.1	1460.6	1679.2	2054.3	2459.3	3023.5	3470.1	4265.6
25°	974.5	1083.3	1238.6	1454.6	1731.7	2174.1	2807.2	3540.4	4669.3	5673.6	6827.6
22.5°	1041.5	1189.3	1394.9	1677.8	2160.8	2921.8	3910.1	5415.6	7089.2	8741.0	10250.8
20°	1112.4	1290.9	1578.4	2039.1	2785.6	3886.1	5649.3	7800.6	10022.4	12286.2	14193.9
17.5°	1195.2	1437.6	1816.3	2428.2	3493.2	5377.4	7732.5	10468.0	13370.7	16259.3	18768.5
15°	1266.3	1565.8	2075.9	2992.3	4580.5	6937.3	9831.8	13286.6	16936.9	20685.7	24748.8
12.5°	1357.1	1720.4	2343.2	3458.7	5545.2	8608.4	12150.1	16161.2	20618.7	25596.2	31930.5
10°	1440.3	1882.5	2694.9	4206.0	6704.8	10169.5	14152.6	18703.4	24485.1	31965.1	39605.7
7.5°	1507.0	2011.0	2967.7	4789.0	7677.3	11503.1	15955.7	21411.9	28625.0	37532.0	46262.0
5°	1553.4	2100.1	3162.9	5229.6	8459.5	12522.2	17235.3	23408.4	32114.5	42088.8	51002.6
2.5°	1582.6	2148.8	3258.4	5491.2	8969.7	13135.5	18033.6	24677.3	34253.3	44989.5	54014.5
0°	1596.4	2157.3	3197.6	5618.5	9041.3	13092.2	18106.7	25101.0	34760.8	45777.2	54765.8
-2.5°	1582.6	2148.8	3258.4	5491.2	8969.7	13135.5	18033.6	24677.3	34253.3	44989.5	54014.5
-5°	1553.4	2100.1	3162.9	5229.6	8459.5	12522.2	17235.3	23408.4	32114.5	42088.8	51002.6
-7.5°	1507.0	2011.0	2967.7	4789.0	7677.3	11503.1	15955.7	21411.9	28625.0	37532.0	46262.0
-10°	1440.3	1882.5	2694.9	4206.0	6704.8	10169.5	14152.6	18703.4	24485.1	31965.1	39605.7
-12.5°	1357.1	1720.4	2343.2	3458.7	5545.2	8608.4	12150.1	16161.2	20618.7	25596.2	31930.5
-15°	1266.3	1565.8	2075.9	2992.3	4580.5	6937.3	9831.8	13286.6	16936.9	20685.7	24748.8
-17.5°	1195.2	1437.6	1816.3	2428.2	3493.2	5377.4	7732.5	10468.0	13370.7	16259.3	18768.5
-20°	1112.4	1290.9	1578.4	2039.1	2785.6	3886.1	5649.3	7800.6	10022.4	12286.2	14193.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627385 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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°	1041.5	1189.3	1394.9	1677.8	2160.8	2921.8	3910.1	5415.6	7089.2	8741.0	10250.8
-25°	974.5	1083.3	1238.6	1454.6	1731.7	2174.1	2807.2	3540.4	4669.3	5673.6	6827.6
-27.5°	918.0	1005.9	1111.1	1260.1	1460.6	1679.2	2054.3	2459.3	3023.5	3470.1	4265.6
-30°	865.5	933.2	1017.5	1113.9	1248.0	1405.9	1590.0	1829.5	2088.5	2356.5	2717.4
-32.5°	821.2	873.7	935.6	1010.3	1089.5	1200.8	1305.1	1446.8	1567.9	1724.1	1894.8
-35°	777.7	822.3	870.0	924.3	983.1	1052.4	1123.6	1207.2	1278.1	1368.1	1451.3
-37.5°	738.7	773.8	814.2	854.7	900.3	944.4	995.3	1045.5	1089.0	1145.7	1191.2
-40°	702.8	730.2	764.3	798.0	833.1	863.8	900.2	932.9	962.8	995.2	1021.9
-42.5°	669.9	694.9	719.9	748.4	776.8	803.2	828.2	849.5	869.0	888.1	902.9
-45°	639.8	662.0	683.7	705.9	726.7	749.9	770.9	787.0	798.9	809.2	817.4
-47.5°	609.8	630.4	650.1	668.8	686.9	704.9	721.5	732.6	740.8	746.8	751.1
-50°	581.0	600.0	618.2	634.3	650.2	665.4	679.4	687.5	693.2	696.8	697.9
-52.5°	553.4	571.0	587.7	602.8	616.5	629.2	640.2	646.1	650.8	654.2	655.3
-55°	525.3	541.7	557.4	571.0	583.7	595.5	604.3	608.5	611.7	613.7	614.9
-57.5°	493.9	510.4	526.1	537.9	549.6	561.1	569.0	573.3	576.2	577.9	579.2
-60°	457.9	473.4	486.3	498.2	510.5	522.7	527.8	531.8	535.5	539.0	542.2
-62.5°	417.3	431.0	441.6	451.4	461.4	470.8	476.3	480.5	483.6	486.2	489.4
-65°	372.6	384.7	393.8	401.4	407.5	414.1	420.1	424.5	427.5	430.2	433.0
-67.5°	325.1	337.0	345.9	353.0	358.8	363.9	368.6	372.1	374.4	376.7	379.1
-70°	278.5	289.6	299.1	307.2	313.7	318.5	322.3	325.3	327.7	329.3	330.1
-72.5°	233.5	242.8	251.4	259.5	266.6	271.7	275.2	278.0	280.1	281.7	282.5
-75°	190.7	198.9	206.1	212.9	219.1	223.4	226.4	228.6	230.1	231.7	233.0
-77.5°	148.3	154.7	160.8	166.4	171.5	175.6	178.9	181.6	183.6	185.0	185.8
-80°	108.9	114.2	119.1	123.5	127.4	130.2	132.8	135.1	137.2	138.2	138.7
-82.5°	75.0	78.4	81.8	85.1	88.4	89.7	90.5	91.1	91.5	92.8	93.9
-85°	43.6	45.5	47.2	48.8	50.3	50.7	50.8	50.7	50.4	51.1	51.7
-87.5°	15.7	16.2	16.6	17.0	17.4	17.7	18.0	18.3	18.5	18.7	18.9
-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: P627385 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	19.0	19.1	19.2	19.2	19.2	19.1	19.0	18.9	18.7	18.5	18.3
85°	52.1	52.4	52.6	52.7	52.6	52.4	52.1	51.7	51.1	50.4	50.7
82.5°	94.8	95.4	95.8	95.9	95.8	95.4	94.8	93.9	92.8	91.5	91.1
80°	138.7	138.4	138.8	139.0	138.8	138.4	138.7	138.7	138.2	137.2	135.1
77.5°	186.2	186.1	186.8	187.0	186.8	186.1	186.2	185.8	185.0	183.6	181.6
75°	233.7	233.9	234.6	234.9	234.6	233.9	233.7	233.0	231.7	230.1	228.6
72.5°	282.5	281.7	282.5	282.8	282.5	281.7	282.5	282.5	281.7	280.1	278.0
70°	330.2	329.6	332.6	335.6	332.6	329.6	330.2	330.1	329.3	327.7	325.3
67.5°	380.8	381.8	385.2	388.3	385.2	381.8	380.8	379.1	376.7	374.4	372.1
65°	434.4	434.5	437.8	441.0	437.8	434.5	434.4	433.0	430.2	427.5	424.5
62.5°	491.2	491.8	495.2	498.6	495.2	491.8	491.2	489.4	486.2	483.6	480.5
60°	544.0	544.6	545.9	546.5	545.9	544.6	544.0	542.2	539.0	535.5	531.8
57.5°	579.6	579.1	579.6	580.1	579.6	579.1	579.6	579.2	577.9	576.2	573.3
55°	614.7	613.1	611.2	608.8	611.2	613.1	614.7	614.9	613.7	611.7	608.5
52.5°	654.4	651.9	649.6	647.2	649.6	651.9	654.4	655.3	654.2	650.8	646.1
50°	697.2	694.9	692.6	690.3	692.6	694.9	697.2	697.9	696.8	693.2	687.5
47.5°	754.1	755.0	754.6	752.6	754.6	755.0	754.1	751.1	746.8	740.8	732.6
45°	823.2	826.0	826.4	824.6	826.4	826.0	823.2	817.4	809.2	798.9	787.0
42.5°	913.5	919.5	922.9	925.2	922.9	919.5	913.5	902.9	888.1	869.0	849.5
40°	1041.4	1053.8	1061.7	1069.0	1061.7	1053.8	1041.4	1021.9	995.2	962.8	932.9
37.5°	1224.9	1247.4	1257.4	1251.2	1257.4	1247.4	1224.9	1191.2	1145.7	1089.0	1045.5
35°	1515.3	1558.0	1580.2	1582.0	1580.2	1558.0	1515.3	1451.3	1368.1	1278.1	1207.2
32.5°	2021.0	2108.4	2155.4	2162.1	2155.4	2108.4	2021.0	1894.8	1724.1	1567.9	1446.8
30°	2993.6	3172.0	3255.8	3235.9	3255.8	3172.0	2993.6	2717.4	2356.5	2088.5	1829.5
27.5°	4884.0	5329.0	5592.7	5613.7	5592.7	5329.0	4884.0	4265.6	3470.1	3023.5	2459.3
25°	7849.8	8609.4	9095.8	9103.7	9095.8	8609.4	7849.8	6827.6	5673.6	4669.3	3540.4
22.5°	11646.9	12683.8	13251.9	13351.1	13251.9	12683.8	11646.9	10250.8	8741.0	7089.2	5415.6
20°	16046.0	17425.3	18163.3	18164.2	18163.3	17425.3	16046.0	14193.9	12286.2	10022.4	7800.6
17.5°	21463.7	23703.4	25109.4	25714.6	25109.4	23703.4	21463.7	18768.5	16259.3	13370.7	10468.0
15°	28661.1	32424.9	34680.3	35086.8	34680.3	32424.9	28661.1	24748.8	20685.7	16936.9	13286.6
12.5°	37424.9	42188.1	45390.0	46563.4	45390.0	42188.1	37424.9	31930.5	25596.2	20618.7	16161.2
10°	46575.0	50988.4	54418.6	55571.2	54418.6	50988.4	46575.0	39605.7	31965.1	24485.1	18703.4
7.5°	53185.2	58448.0	62311.8	64008.5	62311.8	58448.0	53185.2	46262.0	37532.0	28625.0	21411.9
5°	58403.3	64630.5	68227.3	69823.6	68227.3	64630.5	58403.3	51002.6	42088.8	32114.5	23408.4
2.5°	61827.0	67980.0	71788.9	73260.8	71788.9	67980.0	61827.0	54014.5	44989.5	34253.3	24677.3
0°	63107.3	69123.7	72886.9	74684.6	72886.9	69123.7	63107.3	54765.8	45777.2	34760.8	25101.0
-2.5°	61827.0	67980.0	71788.9	73260.8	71788.9	67980.0	61827.0	54014.5	44989.5	34253.3	24677.3
-5°	58403.3	64630.5	68227.3	69823.6	68227.3	64630.5	58403.3	51002.6	42088.8	32114.5	23408.4
-7.5°	53185.2	58448.0	62311.8	64008.5	62311.8	58448.0	53185.2	46262.0	37532.0	28625.0	21411.9
-10°	46575.0	50988.4	54418.6	55571.2	54418.6	50988.4	46575.0	39605.7	31965.1	24485.1	18703.4
-12.5°	37424.9	42188.1	45390.0	46563.4	45390.0	42188.1	37424.9	31930.5	25596.2	20618.7	16161.2
-15°	28661.1	32424.9	34680.3	35086.8	34680.3	32424.9	28661.1	24748.8	20685.7	16936.9	13286.6
-17.5°	21463.7	23703.4	25109.4	25714.6	25109.4	23703.4	21463.7	18768.5	16259.3	13370.7	10468.0
-20°	16046.0	17425.3	18163.3	18164.2	18163.3	17425.3	16046.0	14193.9	12286.2	10022.4	7800.6



REPORT NUMBER: P627385 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-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°	11646.9	12683.8	13251.9	13351.1	13251.9	12683.8	11646.9	10250.8	8741.0	7089.2	5415.6
-25°	7849.8	8609.4	9095.8	9103.7	9095.8	8609.4	7849.8	6827.6	5673.6	4669.3	3540.4
-27.5°	4884.0	5329.0	5592.7	5613.7	5592.7	5329.0	4884.0	4265.6	3470.1	3023.5	2459.3
-30°	2993.6	3172.0	3255.8	3235.9	3255.8	3172.0	2993.6	2717.4	2356.5	2088.5	1829.5
-32.5°	2021.0	2108.4	2155.4	2162.1	2155.4	2108.4	2021.0	1894.8	1724.1	1567.9	1446.8
-35°	1515.3	1558.0	1580.2	1582.0	1580.2	1558.0	1515.3	1451.3	1368.1	1278.1	1207.2
-37.5°	1224.9	1247.4	1257.4	1251.2	1257.4	1247.4	1224.9	1191.2	1145.7	1089.0	1045.5
-40°	1041.4	1053.8	1061.7	1069.0	1061.7	1053.8	1041.4	1021.9	995.2	962.8	932.9
-42.5°	913.5	919.5	922.9	925.2	922.9	919.5	913.5	902.9	888.1	869.0	849.5
-45°	823.2	826.0	826.4	824.6	826.4	826.0	823.2	817.4	809.2	798.9	787.0
-47.5°	754.1	755.0	754.6	752.6	754.6	755.0	754.1	751.1	746.8	740.8	732.6
-50°	697.2	694.9	692.6	690.3	692.6	694.9	697.2	697.9	696.8	693.2	687.5
-52.5°	654.4	651.9	649.6	647.2	649.6	651.9	654.4	655.3	654.2	650.8	646.1
-55°	614.7	613.1	611.2	608.8	611.2	613.1	614.7	614.9	613.7	611.7	608.5
-57.5°	579.6	579.1	579.6	580.1	579.6	579.1	579.6	579.2	577.9	576.2	573.3
-60°	544.0	544.6	545.9	546.5	545.9	544.6	544.0	542.2	539.0	535.5	531.8
-62.5°	491.2	491.8	495.2	498.6	495.2	491.8	491.2	489.4	486.2	483.6	480.5
-65°	434.4	434.5	437.8	441.0	437.8	434.5	434.4	433.0	430.2	427.5	424.5
-67.5°	380.8	381.8	385.2	388.3	385.2	381.8	380.8	379.1	376.7	374.4	372.1
-70°	330.2	329.6	332.6	335.6	332.6	329.6	330.2	330.1	329.3	327.7	325.3
-72.5°	282.5	281.7	282.5	282.8	282.5	281.7	282.5	282.5	281.7	280.1	278.0
-75°	233.7	233.9	234.6	234.9	234.6	233.9	233.7	233.0	231.7	230.1	228.6
-77.5°	186.2	186.1	186.8	187.0	186.8	186.1	186.2	185.8	185.0	183.6	181.6
-80°	138.7	138.4	138.8	139.0	138.8	138.4	138.7	138.7	138.2	137.2	135.1
-82.5°	94.8	95.4	95.8	95.9	95.8	95.4	94.8	93.9	92.8	91.5	91.1
-85°	52.1	52.4	52.6	52.7	52.6	52.4	52.1	51.7	51.1	50.4	50.7
-87.5°	19.0	19.1	19.2	19.2	19.2	19.1	19.0	18.9	18.7	18.5	18.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627385 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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°	18.0	17.7	17.4	17.0	16.6	16.2	15.7	15.2	14.7	14.2	13.6
85°	50.8	50.7	50.3	48.8	47.2	45.5	43.6	41.6	39.5	37.3	35.0
82.5°	90.5	89.7	88.4	85.1	81.8	78.4	75.0	72.0	68.8	65.5	62.0
80°	132.8	130.2	127.4	123.5	119.1	114.2	108.9	103.9	98.7	93.7	89.0
77.5°	178.9	175.6	171.5	166.4	160.8	154.7	148.3	141.6	135.1	128.1	120.9
75°	226.4	223.4	219.1	212.9	206.1	198.9	190.7	181.6	172.5	163.3	154.4
72.5°	275.2	271.7	266.6	259.5	251.4	242.8	233.5	223.2	211.8	199.4	188.1
70°	322.3	318.5	313.7	307.2	299.1	289.6	278.5	266.4	253.6	240.3	226.5
67.5°	368.6	363.9	358.8	353.0	345.9	337.0	325.1	311.1	296.4	281.2	265.4
65°	420.1	414.1	407.5	401.4	393.8	384.7	372.6	359.1	342.9	324.3	304.2
62.5°	476.3	470.8	461.4	451.4	441.6	431.0	417.3	402.6	387.7	370.4	346.5
60°	527.8	522.7	510.5	498.2	486.3	473.4	457.9	442.3	426.7	407.8	386.0
57.5°	569.0	561.1	549.6	537.9	526.1	510.4	493.9	478.4	461.3	443.1	422.8
55°	604.3	595.5	583.7	571.0	557.4	541.7	525.3	507.8	491.4	476.4	455.6
52.5°	640.2	629.2	616.5	602.8	587.7	571.0	553.4	535.0	519.1	503.5	486.0
50°	679.4	665.4	650.2	634.3	618.2	600.0	581.0	561.5	546.1	529.9	512.4
47.5°	721.5	704.9	686.9	668.8	650.1	630.4	609.8	588.9	571.9	555.3	537.1
45°	770.9	749.9	726.7	705.9	683.7	662.0	639.8	618.1	596.9	578.1	560.6
42.5°	828.2	803.2	776.8	748.4	719.9	694.9	669.9	646.5	623.0	600.4	580.2
40°	900.2	863.8	833.1	798.0	764.3	730.2	702.8	674.6	648.9	623.4	600.1
37.5°	995.3	944.4	900.3	854.7	814.2	773.8	738.7	706.7	674.6	647.2	621.1
35°	1123.6	1052.4	983.1	924.3	870.0	822.3	777.7	740.3	704.9	671.3	642.1
32.5°	1305.1	1200.8	1089.5	1010.3	935.6	873.7	821.2	774.7	734.3	697.3	663.8
30°	1590.0	1405.9	1248.0	1113.9	1017.5	933.2	865.5	810.8	763.3	722.3	685.0
27.5°	2054.3	1679.2	1460.6	1260.1	1111.1	1005.9	918.0	846.6	791.6	746.7	706.0
25°	2807.2	2174.1	1731.7	1454.6	1238.6	1083.3	974.5	889.5	822.2	768.8	720.9
22.5°	3910.1	2921.8	2160.8	1677.8	1394.9	1189.3	1041.5	931.9	849.5	787.6	735.6
20°	5649.3	3886.1	2785.6	2039.1	1578.4	1290.9	1112.4	981.5	883.0	808.0	748.6
17.5°	7732.5	5377.4	3493.2	2428.2	1816.3	1437.6	1195.2	1029.1	912.6	826.4	759.6
15°	9831.8	6937.3	4580.5	2992.3	2075.9	1565.8	1266.3	1070.3	941.6	846.5	773.4
12.5°	12150.1	8608.4	5545.2	3458.7	2343.2	1720.4	1357.1	1125.8	973.2	866.7	786.7
10°	14152.6	10169.5	6704.8	4206.0	2694.9	1882.5	1440.3	1173.3	999.6	883.0	797.1
7.5°	15955.7	11503.1	7677.3	4789.0	2967.7	2011.0	1507.0	1211.1	1019.4	894.9	804.4
5°	17235.3	12522.2	8459.5	5229.6	3162.9	2100.1	1553.4	1237.9	1032.5	902.3	808.7
2.5°	18033.6	13135.5	8969.7	5491.2	3258.4	2148.8	1582.6	1253.1	1043.6	910.6	811.1
0°	18106.7	13092.2	9041.3	5618.5	3197.6	2157.3	1596.4	1256.0	1049.9	915.6	810.2
-2.5°	18033.6	13135.5	8969.7	5491.2	3258.4	2148.8	1582.6	1253.1	1043.6	910.6	811.1
-5°	17235.3	12522.2	8459.5	5229.6	3162.9	2100.1	1553.4	1237.9	1032.5	902.3	808.7
-7.5°	15955.7	11503.1	7677.3	4789.0	2967.7	2011.0	1507.0	1211.1	1019.4	894.9	804.4
-10°	14152.6	10169.5	6704.8	4206.0	2694.9	1882.5	1440.3	1173.3	999.6	883.0	797.1
-12.5°	12150.1	8608.4	5545.2	3458.7	2343.2	1720.4	1357.1	1125.8	973.2	866.7	786.7
-15°	9831.8	6937.3	4580.5	2992.3	2075.9	1565.8	1266.3	1070.3	941.6	846.5	773.4
-17.5°	7732.5	5377.4	3493.2	2428.2	1816.3	1437.6	1195.2	1029.1	912.6	826.4	759.6
-20°	5649.3	3886.1	2785.6	2039.1	1578.4	1290.9	1112.4	981.5	883.0	808.0	748.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627385 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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°	3910.1	2921.8	2160.8	1677.8	1394.9	1189.3	1041.5	931.9	849.5	787.6	735.6
-25°	2807.2	2174.1	1731.7	1454.6	1238.6	1083.3	974.5	889.5	822.2	768.8	720.9
-27.5°	2054.3	1679.2	1460.6	1260.1	1111.1	1005.9	918.0	846.6	791.6	746.7	706.0
-30°	1590.0	1405.9	1248.0	1113.9	1017.5	933.2	865.5	810.8	763.3	722.3	685.0
-32.5°	1305.1	1200.8	1089.5	1010.3	935.6	873.7	821.2	774.7	734.3	697.3	663.8
-35°	1123.6	1052.4	983.1	924.3	870.0	822.3	777.7	740.3	704.9	671.3	642.1
-37.5°	995.3	944.4	900.3	854.7	814.2	773.8	738.7	706.7	674.6	647.2	621.1
-40°	900.2	863.8	833.1	798.0	764.3	730.2	702.8	674.6	648.9	623.4	600.1
-42.5°	828.2	803.2	776.8	748.4	719.9	694.9	669.9	646.5	623.0	600.4	580.2
-45°	770.9	749.9	726.7	705.9	683.7	662.0	639.8	618.1	596.9	578.1	560.6
-47.5°	721.5	704.9	686.9	668.8	650.1	630.4	609.8	588.9	571.9	555.3	537.1
-50°	679.4	665.4	650.2	634.3	618.2	600.0	581.0	561.5	546.1	529.9	512.4
-52.5°	640.2	629.2	616.5	602.8	587.7	571.0	553.4	535.0	519.1	503.5	486.0
-55°	604.3	595.5	583.7	571.0	557.4	541.7	525.3	507.8	491.4	476.4	455.6
-57.5°	569.0	561.1	549.6	537.9	526.1	510.4	493.9	478.4	461.3	443.1	422.8
-60°	527.8	522.7	510.5	498.2	486.3	473.4	457.9	442.3	426.7	407.8	386.0
-62.5°	476.3	470.8	461.4	451.4	441.6	431.0	417.3	402.6	387.7	370.4	346.5
-65°	420.1	414.1	407.5	401.4	393.8	384.7	372.6	359.1	342.9	324.3	304.2
-67.5°	368.6	363.9	358.8	353.0	345.9	337.0	325.1	311.1	296.4	281.2	265.4
-70°	322.3	318.5	313.7	307.2	299.1	289.6	278.5	266.4	253.6	240.3	226.5
-72.5°	275.2	271.7	266.6	259.5	251.4	242.8	233.5	223.2	211.8	199.4	188.1
-75°	226.4	223.4	219.1	212.9	206.1	198.9	190.7	181.6	172.5	163.3	154.4
-77.5°	178.9	175.6	171.5	166.4	160.8	154.7	148.3	141.6	135.1	128.1	120.9
-80°	132.8	130.2	127.4	123.5	119.1	114.2	108.9	103.9	98.7	93.7	89.0
-82.5°	90.5	89.7	88.4	85.1	81.8	78.4	75.0	72.0	68.8	65.5	62.0
-85°	50.8	50.7	50.3	48.8	47.2	45.5	43.6	41.6	39.5	37.3	35.0
-87.5°	18.0	17.7	17.4	17.0	16.6	16.2	15.7	15.2	14.7	14.2	13.6
-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: P627385 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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°	13.0	12.3	11.7	11.0	10.3	9.6	8.9	8.1	7.3	6.6	5.8
85°	32.6	30.1	27.5	24.8	22.0	19.2	17.7	16.2	14.7	13.1	11.5
82.5°	58.4	54.6	50.7	46.7	42.5	38.2	33.8	29.3	24.6	20.0	17.3
80°	84.2	79.1	73.9	68.6	63.1	57.2	51.4	45.3	38.6	32.1	26.0
77.5°	113.3	105.4	97.3	90.5	84.3	77.4	69.9	61.5	52.4	44.1	36.2
75°	145.2	135.7	125.9	116.2	107.0	97.6	89.1	79.3	67.8	56.2	46.2
72.5°	178.1	167.2	155.2	143.1	132.1	120.8	109.2	96.8	83.6	70.3	56.8
70°	212.9	199.4	186.1	172.3	158.2	144.0	130.6	115.6	99.3	84.2	69.0
67.5°	248.9	232.9	217.0	201.4	185.3	168.9	152.0	134.5	116.4	98.0	81.1
65°	285.9	266.8	247.5	230.1	212.1	193.7	174.9	153.6	133.2	113.0	92.9
62.5°	323.4	301.4	280.0	258.8	238.6	218.2	197.1	173.2	149.9	127.7	105.4
60°	361.3	336.0	311.8	288.2	265.0	242.3	218.5	192.3	166.8	142.1	118.0
57.5°	397.6	369.7	342.2	316.4	291.2	266.1	239.4	211.1	183.2	156.3	130.3
55°	432.9	404.3	372.0	342.7	315.9	289.2	259.7	229.7	199.1	170.2	142.3
52.5°	464.0	435.5	402.1	368.5	338.5	310.5	278.9	247.7	215.3	183.5	153.9
50°	492.1	463.3	429.7	394.3	360.2	329.1	297.3	264.3	231.0	196.6	165.1
47.5°	516.4	488.8	455.6	418.7	382.1	347.1	314.0	280.0	246.1	209.9	175.9
45°	538.4	513.3	480.4	442.5	402.5	365.3	329.8	294.9	259.4	222.9	186.3
42.5°	559.0	534.6	504.5	465.8	423.2	382.7	344.8	308.6	271.9	235.1	196.7
40°	577.5	553.2	527.1	487.6	442.8	399.1	359.6	321.5	283.6	246.4	206.8
37.5°	595.9	570.8	543.7	508.0	461.2	415.8	373.4	333.7	294.9	256.4	216.2
35°	614.8	587.8	558.3	524.0	478.8	431.1	386.1	345.2	305.6	265.8	225.0
32.5°	633.0	603.1	571.6	537.6	495.2	445.1	398.4	356.4	315.6	274.6	233.1
30°	650.7	615.8	583.5	551.4	509.5	458.8	410.5	366.7	324.8	282.7	240.5
27.5°	664.2	626.8	594.0	562.2	521.5	471.5	422.3	376.3	333.4	290.2	247.1
25°	676.4	637.3	602.9	570.9	533.3	484.6	433.0	385.0	341.2	297.1	253.0
22.5°	688.6	646.5	610.4	578.2	544.5	496.4	443.3	393.8	348.2	303.3	258.4
20°	699.1	653.9	616.6	584.9	551.9	505.6	452.8	401.6	354.4	308.8	263.1
17.5°	708.1	661.5	623.1	590.4	557.1	513.4	461.2	408.4	359.8	313.5	267.2
15°	717.3	669.3	628.6	594.7	561.5	519.7	468.3	414.1	364.3	317.6	271.0
12.5°	725.1	675.0	632.9	597.7	565.3	524.7	474.2	418.9	368.1	321.3	274.6
10°	731.2	678.8	635.9	599.6	568.2	528.3	478.8	423.3	372.5	324.7	277.5
7.5°	735.6	680.7	637.7	600.4	570.3	531.5	483.2	428.1	376.5	327.4	279.8
5°	738.5	681.6	638.8	602.2	571.5	534.5	486.5	431.9	379.7	329.3	281.5
2.5°	741.9	681.9	638.8	603.5	571.5	536.3	488.4	434.6	382.0	330.4	282.5
0°	743.1	680.7	637.6	604.0	570.5	536.9	489.0	436.2	383.5	330.8	282.8
-2.5°	741.9	681.9	638.8	603.5	571.5	536.3	488.4	434.6	382.0	330.4	282.5
-5°	738.5	681.6	638.8	602.2	571.5	534.5	486.5	431.9	379.7	329.3	281.5
-7.5°	735.6	680.7	637.7	600.4	570.3	531.5	483.2	428.1	376.5	327.4	279.8
-10°	731.2	678.8	635.9	599.6	568.2	528.3	478.8	423.3	372.5	324.7	277.5
-12.5°	725.1	675.0	632.9	597.7	565.3	524.7	474.2	418.9	368.1	321.3	274.6
-15°	717.3	669.3	628.6	594.7	561.5	519.7	468.3	414.1	364.3	317.6	271.0
-17.5°	708.1	661.5	623.1	590.4	557.1	513.4	461.2	408.4	359.8	313.5	267.2
-20°	699.1	653.9	616.6	584.9	551.9	505.6	452.8	401.6	354.4	308.8	263.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627385 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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°	688.6	646.5	610.4	578.2	544.5	496.4	443.3	393.8	348.2	303.3	258.4
-25°	676.4	637.3	602.9	570.9	533.3	484.6	433.0	385.0	341.2	297.1	253.0
-27.5°	664.2	626.8	594.0	562.2	521.5	471.5	422.3	376.3	333.4	290.2	247.1
-30°	650.7	615.8	583.5	551.4	509.5	458.8	410.5	366.7	324.8	282.7	240.5
-32.5°	633.0	603.1	571.6	537.6	495.2	445.1	398.4	356.4	315.6	274.6	233.1
-35°	614.8	587.8	558.3	524.0	478.8	431.1	386.1	345.2	305.6	265.8	225.0
-37.5°	595.9	570.8	543.7	508.0	461.2	415.8	373.4	333.7	294.9	256.4	216.2
-40°	577.5	553.2	527.1	487.6	442.8	399.1	359.6	321.5	283.6	246.4	206.8
-42.5°	559.0	534.6	504.5	465.8	423.2	382.7	344.8	308.6	271.9	235.1	196.7
-45°	538.4	513.3	480.4	442.5	402.5	365.3	329.8	294.9	259.4	222.9	186.3
-47.5°	516.4	488.8	455.6	418.7	382.1	347.1	314.0	280.0	246.1	209.9	175.9
-50°	492.1	463.3	429.7	394.3	360.2	329.1	297.3	264.3	231.0	196.6	165.1
-52.5°	464.0	435.5	402.1	368.5	338.5	310.5	278.9	247.7	215.3	183.5	153.9
-55°	432.9	404.3	372.0	342.7	315.9	289.2	259.7	229.7	199.1	170.2	142.3
-57.5°	397.6	369.7	342.2	316.4	291.2	266.1	239.4	211.1	183.2	156.3	130.3
-60°	361.3	336.0	311.8	288.2	265.0	242.3	218.5	192.3	166.8	142.1	118.0
-62.5°	323.4	301.4	280.0	258.8	238.6	218.2	197.1	173.2	149.9	127.7	105.4
-65°	285.9	266.8	247.5	230.1	212.1	193.7	174.9	153.6	133.2	113.0	92.9
-67.5°	248.9	232.9	217.0	201.4	185.3	168.9	152.0	134.5	116.4	98.0	81.1
-70°	212.9	199.4	186.1	172.3	158.2	144.0	130.6	115.6	99.3	84.2	69.0
-72.5°	178.1	167.2	155.2	143.1	132.1	120.8	109.2	96.8	83.6	70.3	56.8
-75°	145.2	135.7	125.9	116.2	107.0	97.6	89.1	79.3	67.8	56.2	46.2
-77.5°	113.3	105.4	97.3	90.5	84.3	77.4	69.9	61.5	52.4	44.1	36.2
-80°	84.2	79.1	73.9	68.6	63.1	57.2	51.4	45.3	38.6	32.1	26.0
-82.5°	58.4	54.6	50.7	46.7	42.5	38.2	33.8	29.3	24.6	20.0	17.3
-85°	32.6	30.1	27.5	24.8	22.0	19.2	17.7	16.2	14.7	13.1	11.5
-87.5°	13.0	12.3	11.7	11.0	10.3	9.6	8.9	8.1	7.3	6.6	5.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report



REPORT NUMBER: P627385 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-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°	5.0	4.2	3.3	2.5	1.7	0.8	0.0
85°	9.9	8.3	6.7	5.0	3.3	1.7	0.0
82.5°	14.9	12.4	10.0	7.5	5.0	2.5	0.0
80°	20.2	16.5	13.3	10.0	6.7	3.3	0.0
77.5°	28.7	21.7	16.5	12.4	8.3	4.2	0.0
75°	37.2	28.7	20.2	14.9	9.9	5.0	0.0
72.5°	45.5	35.7	25.8	17.3	11.5	5.8	0.0
70°	54.1	42.6	31.3	20.0	13.1	6.6	0.0
67.5°	64.5	49.4	36.8	24.1	14.7	7.3	0.0
65°	74.8	57.0	42.1	28.1	16.2	8.1	0.0
62.5°	84.9	65.4	47.3	32.0	17.7	8.9	0.0
60°	94.8	73.7	52.4	35.8	19.2	9.6	0.0
57.5°	105.1	81.7	58.8	39.6	21.7	10.3	0.0
55°	115.3	89.5	65.1	43.2	24.1	11.0	0.0
52.5°	125.0	97.2	71.2	46.8	26.5	11.7	0.0
50°	134.3	104.9	77.0	50.2	28.7	12.3	0.0
47.5°	143.3	112.3	82.7	53.7	30.9	13.0	0.0
45°	152.2	119.4	88.2	57.8	33.0	13.6	0.0
42.5°	160.7	126.0	93.4	61.7	35.1	14.2	0.0
40°	168.9	132.4	98.4	65.4	37.0	14.7	0.0
37.5°	176.5	138.3	103.2	68.9	38.8	15.2	0.0
35°	183.8	144.2	107.7	72.1	40.6	15.7	0.0
32.5°	190.7	149.8	111.9	75.0	42.2	16.2	0.0
30°	197.2	155.1	115.7	77.8	43.7	16.6	0.0
27.5°	203.1	159.9	119.2	80.2	45.1	17.0	0.0
25°	208.4	164.4	122.4	82.4	46.4	17.4	0.0
22.5°	213.2	168.4	125.4	84.4	47.6	17.7	0.0
20°	217.4	171.9	128.1	86.1	48.7	18.0	0.0
17.5°	221.2	174.9	130.6	87.6	49.6	18.3	0.0
15°	224.7	177.3	132.8	88.8	50.4	18.5	0.0
12.5°	227.7	179.3	134.6	89.8	51.1	18.7	0.0
10°	230.2	180.8	136.2	90.5	51.7	18.9	0.0
7.5°	232.2	181.8	137.4	91.0	52.1	19.0	0.0
5°	233.7	182.4	138.3	91.3	52.4	19.1	0.0
2.5°	234.6	182.5	138.8	91.3	52.6	19.2	0.0
0°	234.9	182.2	139.0	91.1	52.7	19.2	0.0
-2.5°	234.6	182.5	138.8	91.3	52.6	19.2	0.0
-5°	233.7	182.4	138.3	91.3	52.4	19.1	0.0
-7.5°	232.2	181.8	137.4	91.0	52.1	19.0	0.0
-10°	230.2	180.8	136.2	90.5	51.7	18.9	0.0
-12.5°	227.7	179.3	134.6	89.8	51.1	18.7	0.0
-15°	224.7	177.3	132.8	88.8	50.4	18.5	0.0
-17.5°	221.2	174.9	130.6	87.6	49.6	18.3	0.0
-20°	217.4	171.9	128.1	86.1	48.7	18.0	0.0

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CATALOG NUMBER: GFLD-SA4C-730-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	213.2	168.4	125.4	84.4	47.6	17.7	0.0
-25°	208.4	164.4	122.4	82.4	46.4	17.4	0.0
-27.5°	203.1	159.9	119.2	80.2	45.1	17.0	0.0
-30°	197.2	155.1	115.7	77.8	43.7	16.6	0.0
-32.5°	190.7	149.8	111.9	75.0	42.2	16.2	0.0
-35°	183.8	144.2	107.7	72.1	40.6	15.7	0.0
-37.5°	176.5	138.3	103.2	68.9	38.8	15.2	0.0
-40°	168.9	132.4	98.4	65.4	37.0	14.7	0.0
-42.5°	160.7	126.0	93.4	61.7	35.1	14.2	0.0
-45°	152.2	119.4	88.2	57.8	33.0	13.6	0.0
-47.5°	143.3	112.3	82.7	53.7	30.9	13.0	0.0
-50°	134.3	104.9	77.0	50.2	28.7	12.3	0.0
-52.5°	125.0	97.2	71.2	46.8	26.5	11.7	0.0
-55°	115.3	89.5	65.1	43.2	24.1	11.0	0.0
-57.5°	105.1	81.7	58.8	39.6	21.7	10.3	0.0
-60°	94.8	73.7	52.4	35.8	19.2	9.6	0.0
-62.5°	84.9	65.4	47.3	32.0	17.7	8.9	0.0
-65°	74.8	57.0	42.1	28.1	16.2	8.1	0.0
-67.5°	64.5	49.4	36.8	24.1	14.7	7.3	0.0
-70°	54.1	42.6	31.3	20.0	13.1	6.6	0.0
-72.5°	45.5	35.7	25.8	17.3	11.5	5.8	0.0
-75°	37.2	28.7	20.2	14.9	9.9	5.0	0.0
-77.5°	28.7	21.7	16.5	12.4	8.3	4.2	0.0
-80°	20.2	16.5	13.3	10.0	6.7	3.3	0.0
-82.5°	14.9	12.4	10.0	7.5	5.0	2.5	0.0
-85°	9.9	8.3	6.7	5.0	3.3	1.7	0.0
-87.5°	5.0	4.2	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)