

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: P627367 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-722-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627367 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA4C-722-U-MWR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N84
Light Source: (64) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

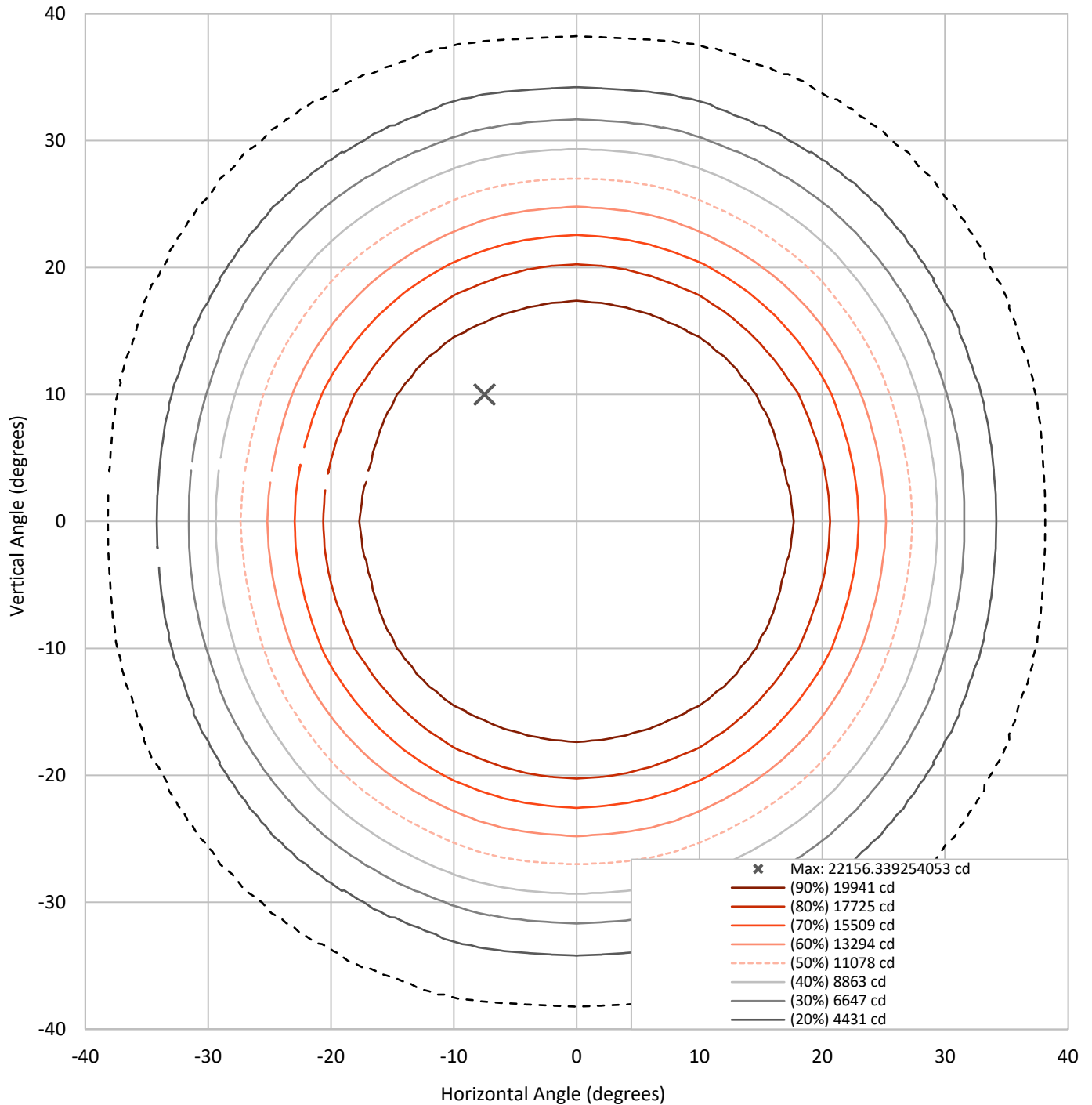
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	18857.1 lumens	Max Intensity:	22156.3 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	112.1 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	12516.2 lumens	Field Lumens:	16274.7 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
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





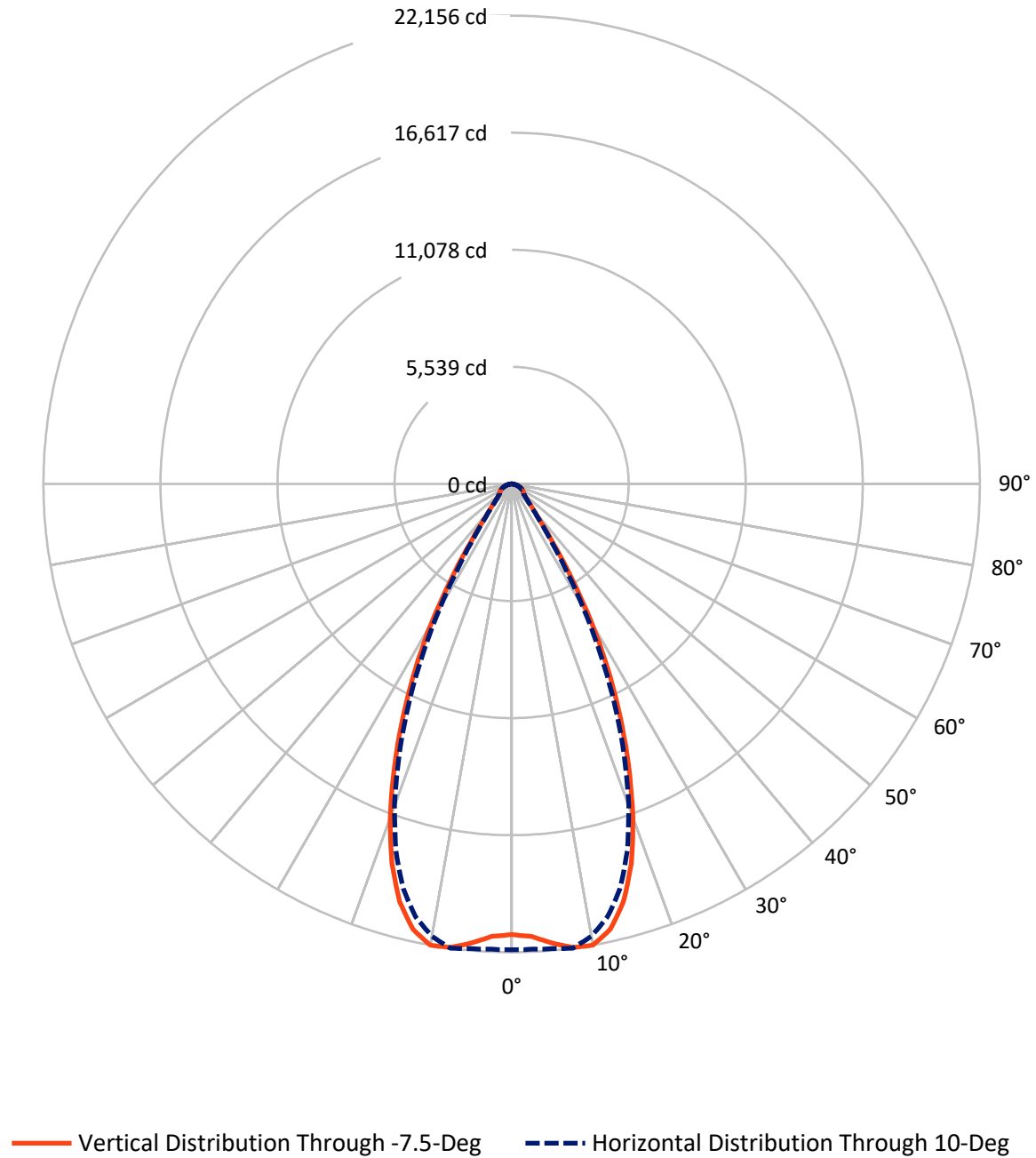
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Lumen Table

90															90				
80	0.5	4.4		11.8		18.7		20.9		18.7		11.8		4.4		0.5			
70															70				
60	2.0	2.3	4.6	7.5	10.6	12.8	14.5	15.3	15.3	14.5	12.8	10.6	7.5	4.6	2.3	2.0			
50		3.4	6.8	10.9	14.5	17.6	19.7	20.6	20.6	19.7	17.6	14.5	10.9	6.8	3.4				
40	3.5	4.4	8.6	13.2	17.7	23.0	29.0	33.3	33.3	29.0	23.0	17.7	13.2	8.6	4.4	3.5			
30		5.2	10.0	15.2	23.5	42.9	82.0	121.6	121.6	82.0	42.9	23.5	15.2	10.0	5.2				
20	4.6	5.8	10.9	17.7	38.6	121.1	271.6	379.2	379.2	271.6	121.1	38.6	17.7	10.9	5.8	4.6			
10		6.2	11.5	21.0	69.8	258.1	492.8	616.8	616.8	492.8	258.1	69.8	21.0	11.5	6.2				
0	4.9	6.4	11.8	23.7	100.5	353.2	597.9	650.5	650.5	597.9	353.2	100.5	23.7	11.8	6.4	4.9			
-10		6.4	11.8	23.7	100.5	353.2	597.9	650.5	650.5	597.9	353.2	100.5	23.7	11.8	6.4				
-20	4.6	6.2	11.5	21.0	69.8	258.1	492.8	616.8	616.8	492.8	258.1	69.8	21.0	11.5	6.2	4.6			
-30		5.8	10.9	17.7	38.6	121.1	271.6	379.2	379.2	271.6	121.1	38.6	17.7	10.9	5.8				
-40	3.5	5.2	10.0	15.2	23.5	42.9	82.0	121.6	121.6	82.0	42.9	23.5	15.2	10.0	5.2	3.5			
-50		4.4	8.6	13.2	17.7	23.0	29.0	33.3	33.3	29.0	23.0	17.7	13.2	8.6	4.4				
-60	2.0	3.4	6.8	10.9	14.5	17.6	19.7	20.6	20.6	19.7	17.6	14.5	10.9	6.8	3.4	2.0			
-70		2.3	4.6	7.5	10.6	12.8	14.5	15.3	15.3	14.5	12.8	10.6	7.5	4.6	2.3				
-80															-80				
-90	0.5	4.4		11.8		18.7		20.9		18.7		11.8		4.4		0.5			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

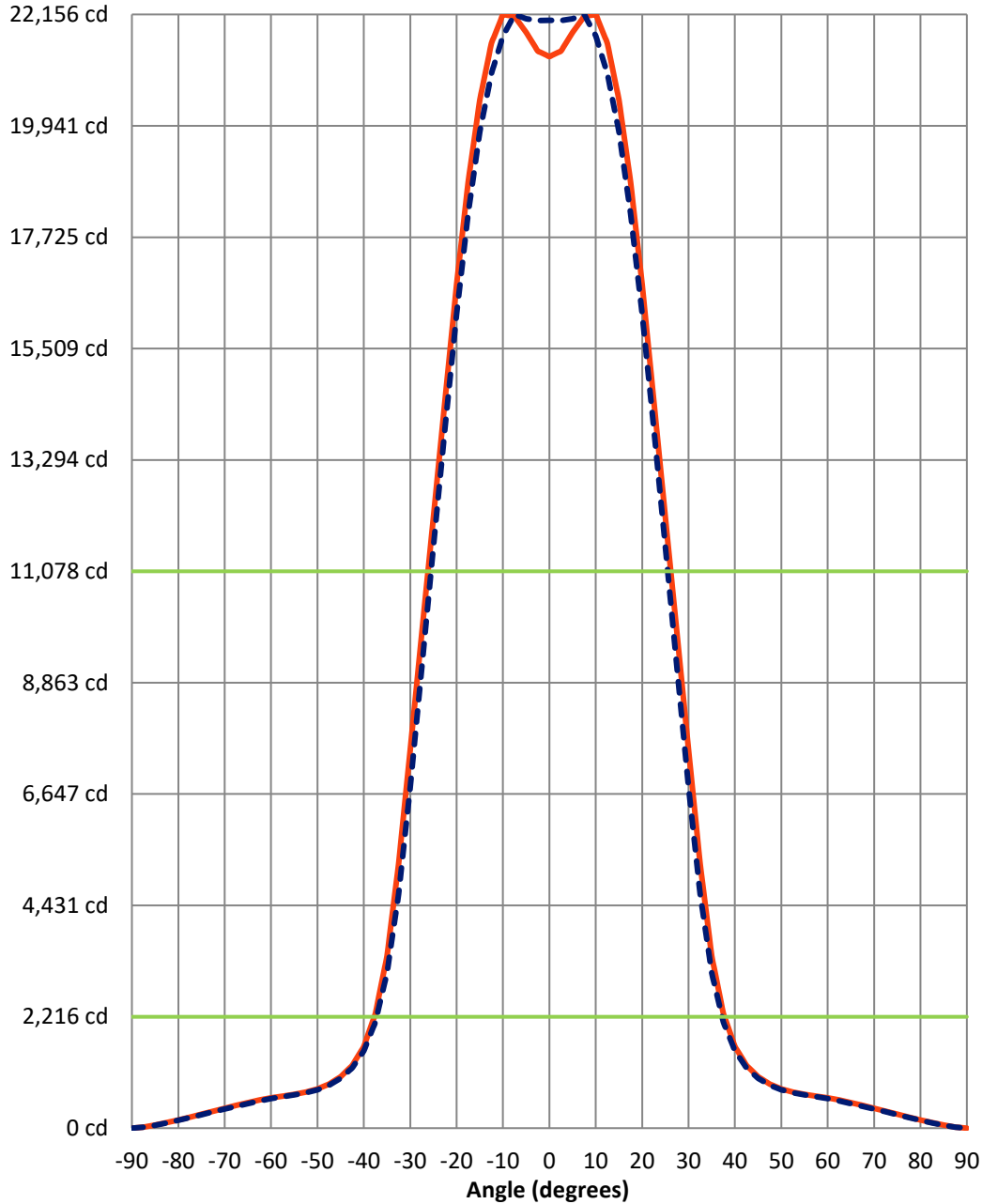
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 12516.2
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 16274.7
 Efficiency: 86.3%

Spill:
 Lumens: 2582.4
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.8	1.7	2.5	3.4	4.2	5.0	6.1	7.3	8.5	9.8
85°	0.0	1.7	3.4	5.1	6.7	8.4	10.0	12.2	14.6	17.0	19.6
82.5°	0.0	2.5	5.1	7.6	10.1	12.6	15.0	18.3	22.2	28.0	33.5
80°	0.0	3.4	6.7	10.1	13.4	16.7	20.7	28.5	36.0	43.1	49.7
77.5°	0.0	4.2	8.4	12.6	16.7	22.6	31.5	40.8	49.7	58.0	67.0
75°	0.0	5.0	10.0	15.0	20.7	31.5	42.3	53.0	63.6	75.8	87.8
72.5°	0.0	5.8	11.7	17.5	27.8	40.4	52.9	65.8	80.2	94.4	108.4
70°	0.0	6.6	13.3	20.4	34.8	49.1	63.6	80.2	96.6	112.8	129.8
67.5°	0.0	7.4	14.8	25.6	41.7	57.8	75.7	94.4	112.8	131.8	151.2
65°	0.0	8.2	16.4	30.7	48.5	66.9	87.5	108.4	129.2	150.4	173.0
62.5°	0.0	9.0	17.9	35.7	55.2	76.4	99.1	122.2	145.1	169.1	196.4
60°	0.0	9.7	19.4	40.6	61.7	85.7	110.4	135.6	160.7	189.4	219.1
57.5°	0.0	10.4	22.5	45.3	68.8	94.7	121.7	148.7	177.6	209.1	240.6
55°	0.0	11.1	25.5	50.0	75.7	103.4	132.8	161.5	194.4	228.1	261.2
52.5°	0.0	11.8	28.5	54.5	82.4	112.0	143.6	175.6	210.6	246.1	281.2
50°	0.0	12.5	31.3	58.8	88.8	120.8	154.1	189.3	226.1	263.5	300.5
47.5°	0.0	13.1	34.0	63.1	95.0	129.4	164.5	202.4	241.0	280.3	319.2
45°	0.0	13.7	36.5	67.5	100.9	137.6	175.2	214.9	255.5	296.5	337.2
42.5°	0.0	14.3	39.0	71.7	106.6	145.6	185.4	226.9	269.2	312.0	354.2
40°	0.0	14.9	41.3	75.6	112.3	153.2	195.1	238.2	282.2	326.7	370.6
37.5°	0.0	15.4	43.5	79.3	118.0	160.5	204.2	248.9	294.8	341.0	386.3
35°	0.0	15.9	45.5	82.7	123.5	167.6	212.8	258.8	306.9	354.4	401.0
32.5°	0.0	16.4	47.4	85.9	128.7	174.3	220.8	268.1	318.3	366.8	413.9
30°	0.0	16.8	49.2	88.8	133.6	180.5	228.1	276.8	329.0	378.3	426.0
27.5°	0.0	17.2	50.8	91.6	137.9	186.2	234.9	285.4	338.8	388.7	437.1
25°	0.0	17.6	52.2	94.0	141.8	191.4	241.1	293.3	347.4	398.0	447.3
22.5°	0.0	17.9	53.5	96.3	145.3	196.1	246.6	300.6	355.0	406.2	456.5
20°	0.0	18.2	54.7	98.2	148.5	200.0	251.5	307.2	361.8	413.5	464.7
17.5°	0.0	18.5	55.6	100.0	151.2	203.5	255.9	313.0	367.7	419.9	471.9
15°	0.0	18.7	56.5	101.4	153.6	206.4	259.9	318.2	372.7	425.4	478.1
12.5°	0.0	18.9	57.1	102.6	155.5	208.9	263.3	322.9	377.1	429.9	483.2
10°	0.0	19.1	57.7	103.6	157.0	210.8	266.2	326.7	380.9	434.2	487.5
7.5°	0.0	19.2	58.0	104.3	158.2	212.2	268.4	329.7	383.9	437.6	491.3
5°	0.0	19.3	58.2	104.7	158.9	213.1	270.1	331.8	386.1	440.0	494.1
2.5°	0.0	19.4	58.3	104.8	159.1	213.5	271.1	333.1	387.4	441.5	495.7
0°	0.0	19.4	58.2	104.7	159.0	213.3	271.4	333.5	387.8	442.0	496.3
-2.5°	0.0	19.4	58.3	104.8	159.1	213.5	271.1	333.1	387.4	441.5	495.7
-5°	0.0	19.3	58.2	104.7	158.9	213.1	270.1	331.8	386.1	440.0	494.1
-7.5°	0.0	19.2	58.0	104.3	158.2	212.2	268.4	329.7	383.9	437.6	491.3
-10°	0.0	19.1	57.7	103.6	157.0	210.8	266.2	326.7	380.9	434.2	487.5
-12.5°	0.0	18.9	57.1	102.6	155.5	208.9	263.3	322.9	377.1	429.9	483.2
-15°	0.0	18.7	56.5	101.4	153.6	206.4	259.9	318.2	372.7	425.4	478.1
-17.5°	0.0	18.5	55.6	100.0	151.2	203.5	255.9	313.0	367.7	419.9	471.9
-20°	0.0	18.2	54.7	98.2	148.5	200.0	251.5	307.2	361.8	413.5	464.7

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CATALOG NUMBER: GFLD-SA4C-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	17.9	53.5	96.3	145.3	196.1	246.6	300.6	355.0	406.2	456.5
-25°	0.0	17.6	52.2	94.0	141.8	191.4	241.1	293.3	347.4	398.0	447.3
-27.5°	0.0	17.2	50.8	91.6	137.9	186.2	234.9	285.4	338.8	388.7	437.1
-30°	0.0	16.8	49.2	88.8	133.6	180.5	228.1	276.8	329.0	378.3	426.0
-32.5°	0.0	16.4	47.4	85.9	128.7	174.3	220.8	268.1	318.3	366.8	413.9
-35°	0.0	15.9	45.5	82.7	123.5	167.6	212.8	258.8	306.9	354.4	401.0
-37.5°	0.0	15.4	43.5	79.3	118.0	160.5	204.2	248.9	294.8	341.0	386.3
-40°	0.0	14.9	41.3	75.6	112.3	153.2	195.1	238.2	282.2	326.7	370.6
-42.5°	0.0	14.3	39.0	71.7	106.6	145.6	185.4	226.9	269.2	312.0	354.2
-45°	0.0	13.7	36.5	67.5	100.9	137.6	175.2	214.9	255.5	296.5	337.2
-47.5°	0.0	13.1	34.0	63.1	95.0	129.4	164.5	202.4	241.0	280.3	319.2
-50°	0.0	12.5	31.3	58.8	88.8	120.8	154.1	189.3	226.1	263.5	300.5
-52.5°	0.0	11.8	28.5	54.5	82.4	112.0	143.6	175.6	210.6	246.1	281.2
-55°	0.0	11.1	25.5	50.0	75.7	103.4	132.8	161.5	194.4	228.1	261.2
-57.5°	0.0	10.4	22.5	45.3	68.8	94.7	121.7	148.7	177.6	209.1	240.6
-60°	0.0	9.7	19.4	40.6	61.7	85.7	110.4	135.6	160.7	189.4	219.1
-62.5°	0.0	9.0	17.9	35.7	55.2	76.4	99.1	122.2	145.1	169.1	196.4
-65°	0.0	8.2	16.4	30.7	48.5	66.9	87.5	108.4	129.2	150.4	173.0
-67.5°	0.0	7.4	14.8	25.6	41.7	57.8	75.7	94.4	112.8	131.8	151.2
-70°	0.0	6.6	13.3	20.4	34.8	49.1	63.6	80.2	96.6	112.8	129.8
-72.5°	0.0	5.8	11.7	17.5	27.8	40.4	52.9	65.8	80.2	94.4	108.4
-75°	0.0	5.0	10.0	15.0	20.7	31.5	42.3	53.0	63.6	75.8	87.8
-77.5°	0.0	4.2	8.4	12.6	16.7	22.6	31.5	40.8	49.7	58.0	67.0
-80°	0.0	3.4	6.7	10.1	13.4	16.7	20.7	28.5	36.0	43.1	49.7
-82.5°	0.0	2.5	5.1	7.6	10.1	12.6	15.0	18.3	22.2	28.0	33.5
-85°	0.0	1.7	3.4	5.1	6.7	8.4	10.0	12.2	14.6	17.0	19.6
-87.5°	0.0	0.8	1.7	2.5	3.4	4.2	5.0	6.1	7.3	8.5	9.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	10.8	11.6	12.5	13.4	14.2	15.0	15.7	16.5	17.2	17.8	18.5
85°	21.5	23.3	26.4	29.5	32.5	35.4	38.2	40.9	43.5	45.9	48.3
82.5°	38.4	43.5	48.6	53.8	58.4	62.7	67.0	71.4	75.8	80.2	84.5
80°	56.5	63.5	71.5	79.1	85.8	92.1	98.2	104.1	110.5	117.3	124.2
77.5°	77.4	87.3	96.7	105.5	113.9	123.2	132.1	140.7	149.6	158.5	166.9
75°	99.7	111.1	123.1	134.9	146.4	157.5	168.3	179.4	190.6	201.7	212.3
72.5°	122.9	137.3	151.5	165.2	179.5	193.4	206.8	219.7	233.0	246.6	259.6
70°	146.9	163.4	180.8	197.6	213.7	229.9	246.2	262.0	277.4	293.1	308.8
67.5°	171.1	191.8	211.4	230.1	249.0	268.1	286.5	305.4	323.6	342.0	359.5
65°	197.8	220.4	241.9	263.2	284.6	307.0	328.9	349.9	371.1	391.5	410.0
62.5°	223.9	248.0	271.7	296.0	321.6	346.7	370.5	394.7	419.2	440.7	459.4
60°	248.0	274.6	301.2	328.9	357.2	384.2	410.9	437.1	463.6	488.3	503.5
57.5°	271.1	300.7	330.1	360.0	389.7	419.9	448.0	476.8	501.4	522.2	539.8
55°	293.8	325.8	357.2	388.5	420.6	452.2	482.7	510.1	534.1	551.5	568.5
52.5°	315.8	349.6	382.0	415.8	450.0	483.4	515.3	540.8	560.5	578.2	594.1
50°	337.1	371.5	405.7	442.4	478.5	513.8	543.8	566.1	586.1	603.4	620.1
47.5°	357.1	393.0	429.5	468.1	506.0	540.3	567.8	591.1	611.6	630.2	649.9
45°	376.3	414.4	453.0	492.8	531.6	564.7	591.2	616.3	635.5	656.5	679.1
42.5°	395.0	435.0	475.4	516.6	555.8	586.7	613.2	636.2	658.7	683.6	711.0
40°	412.8	454.4	496.7	539.5	578.6	605.9	631.9	656.3	683.6	713.2	744.9
37.5°	429.4	472.7	516.5	561.0	595.3	623.4	650.1	677.3	709.1	743.4	786.4
35°	445.0	489.7	535.0	577.7	610.2	640.2	667.7	698.1	735.2	780.0	835.1
32.5°	459.4	505.4	552.1	591.2	624.1	655.2	683.5	721.3	765.9	819.3	897.2
30°	472.7	519.8	566.6	604.5	636.6	667.8	702.2	744.8	797.0	874.9	974.6
27.5°	485.1	532.9	578.1	615.5	647.7	679.9	720.2	771.8	840.5	933.5	1057.4
25°	496.4	545.4	589.0	624.8	658.1	693.7	737.5	795.6	885.9	1006.0	1173.4
22.5°	506.7	556.6	599.5	632.8	667.8	706.4	757.4	830.1	934.3	1074.4	1290.4
20°	515.8	565.2	607.3	640.4	676.7	716.8	775.2	862.8	988.5	1170.0	1445.7
17.5°	523.8	572.6	613.2	647.7	685.4	728.7	792.5	891.2	1036.6	1253.4	1602.7
15°	530.7	579.0	618.2	653.9	693.0	742.3	816.6	928.3	1092.6	1340.1	1739.5
12.5°	536.4	584.2	622.2	658.9	699.3	753.7	837.3	963.3	1150.6	1446.6	1941.1
10°	540.9	588.3	625.3	662.9	704.1	762.8	854.0	991.9	1198.8	1538.9	2113.0
7.5°	545.1	591.4	627.5	665.7	707.6	769.6	866.8	1013.9	1235.7	1611.3	2249.1
5°	548.1	593.2	628.7	667.3	710.6	774.0	875.4	1029.2	1261.2	1663.1	2344.8
2.5°	550.0	593.8	628.9	667.7	712.7	776.0	879.9	1037.7	1281.2	1687.6	2396.3
0°	550.6	593.3	628.2	666.9	713.5	775.5	880.2	1039.2	1291.2	1686.7	2404.1
-2.5°	550.0	593.8	628.9	667.7	712.7	776.0	879.9	1037.7	1281.2	1687.6	2396.3
-5°	548.1	593.2	628.7	667.3	710.6	774.0	875.4	1029.2	1261.2	1663.1	2344.8
-7.5°	545.1	591.4	627.5	665.7	707.6	769.6	866.8	1013.9	1235.7	1611.3	2249.1
-10°	540.9	588.3	625.3	662.9	704.1	762.8	854.0	991.9	1198.8	1538.9	2113.0
-12.5°	536.4	584.2	622.2	658.9	699.3	753.7	837.3	963.3	1150.6	1446.6	1941.1
-15°	530.7	579.0	618.2	653.9	693.0	742.3	816.6	928.3	1092.6	1340.1	1739.5
-17.5°	523.8	572.6	613.2	647.7	685.4	728.7	792.5	891.2	1036.6	1253.4	1602.7
-20°	515.8	565.2	607.3	640.4	676.7	716.8	775.2	862.8	988.5	1170.0	1445.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627367 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	506.7	556.6	599.5	632.8	667.8	706.4	757.4	830.1	934.3	1074.4	1290.4
-25°	496.4	545.4	589.0	624.8	658.1	693.7	737.5	795.6	885.9	1006.0	1173.4
-27.5°	485.1	532.9	578.1	615.5	647.7	679.9	720.2	771.8	840.5	933.5	1057.4
-30°	472.7	519.8	566.6	604.5	636.6	667.8	702.2	744.8	797.0	874.9	974.6
-32.5°	459.4	505.4	552.1	591.2	624.1	655.2	683.5	721.3	765.9	819.3	897.2
-35°	445.0	489.7	535.0	577.7	610.2	640.2	667.7	698.1	735.2	780.0	835.1
-37.5°	429.4	472.7	516.5	561.0	595.3	623.4	650.1	677.3	709.1	743.4	786.4
-40°	412.8	454.4	496.7	539.5	578.6	605.9	631.9	656.3	683.6	713.2	744.9
-42.5°	395.0	435.0	475.4	516.6	555.8	586.7	613.2	636.2	658.7	683.6	711.0
-45°	376.3	414.4	453.0	492.8	531.6	564.7	591.2	616.3	635.5	656.5	679.1
-47.5°	357.1	393.0	429.5	468.1	506.0	540.3	567.8	591.1	611.6	630.2	649.9
-50°	337.1	371.5	405.7	442.4	478.5	513.8	543.8	566.1	586.1	603.4	620.1
-52.5°	315.8	349.6	382.0	415.8	450.0	483.4	515.3	540.8	560.5	578.2	594.1
-55°	293.8	325.8	357.2	388.5	420.6	452.2	482.7	510.1	534.1	551.5	568.5
-57.5°	271.1	300.7	330.1	360.0	389.7	419.9	448.0	476.8	501.4	522.2	539.8
-60°	248.0	274.6	301.2	328.9	357.2	384.2	410.9	437.1	463.6	488.3	503.5
-62.5°	223.9	248.0	271.7	296.0	321.6	346.7	370.5	394.7	419.2	440.7	459.4
-65°	197.8	220.4	241.9	263.2	284.6	307.0	328.9	349.9	371.1	391.5	410.0
-67.5°	171.1	191.8	211.4	230.1	249.0	268.1	286.5	305.4	323.6	342.0	359.5
-70°	146.9	163.4	180.8	197.6	213.7	229.9	246.2	262.0	277.4	293.1	308.8
-72.5°	122.9	137.3	151.5	165.2	179.5	193.4	206.8	219.7	233.0	246.6	259.6
-75°	99.7	111.1	123.1	134.9	146.4	157.5	168.3	179.4	190.6	201.7	212.3
-77.5°	77.4	87.3	96.7	105.5	113.9	123.2	132.1	140.7	149.6	158.5	166.9
-80°	56.5	63.5	71.5	79.1	85.8	92.1	98.2	104.1	110.5	117.3	124.2
-82.5°	38.4	43.5	48.6	53.8	58.4	62.7	67.0	71.4	75.8	80.2	84.5
-85°	21.5	23.3	26.4	29.5	32.5	35.4	38.2	40.9	43.5	45.9	48.3
-87.5°	10.8	11.6	12.5	13.4	14.2	15.0	15.7	16.5	17.2	17.8	18.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627367 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-MWR-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°	19.1	18.8	18.5	18.1	17.6	18.8	20.1	21.3	22.5	21.8	21.0
85°	50.5	51.6	52.5	53.4	54.0	56.4	58.8	60.9	63.0	62.9	62.7
82.5°	88.8	91.6	94.1	96.3	98.2	101.0	103.6	105.8	107.6	109.0	110.2
80°	130.9	135.5	139.5	143.1	146.3	150.0	153.5	156.6	159.2	160.7	161.6
77.5°	175.3	182.1	188.1	193.9	199.4	204.8	209.8	214.2	218.1	219.0	218.7
75°	222.4	231.5	240.0	247.9	255.2	261.5	266.8	271.3	274.9	276.7	277.7
72.5°	271.9	283.1	293.2	302.3	310.0	316.5	322.1	327.0	331.1	333.7	335.2
70°	323.6	336.9	347.2	355.8	362.4	368.9	376.1	382.9	389.4	393.0	394.4
67.5°	375.5	389.2	398.7	406.5	412.6	418.9	428.0	436.2	443.4	448.4	451.5
65°	426.2	440.7	450.2	457.6	463.2	469.6	479.7	487.8	494.0	498.9	503.4
62.5°	476.4	491.0	501.5	510.4	518.5	525.5	533.9	540.7	546.0	550.8	556.3
60°	519.8	537.2	548.2	557.2	567.3	578.2	584.3	589.4	593.8	597.7	601.1
57.5°	555.3	570.7	585.0	595.8	606.3	616.4	623.6	628.4	632.3	635.2	636.4
55°	585.0	600.9	616.8	628.5	638.8	648.3	656.3	662.5	667.7	671.7	672.7
52.5°	611.7	629.5	645.1	658.6	672.2	683.4	692.2	700.7	708.1	714.1	716.7
50°	640.6	659.3	678.8	696.8	711.3	724.1	734.7	746.7	759.4	769.9	776.5
47.5°	671.0	692.6	716.1	738.3	755.5	774.4	792.0	809.9	833.4	853.2	867.9
45°	702.9	730.6	757.4	785.6	809.4	845.0	878.1	906.5	944.3	978.5	1005.7
42.5°	740.5	775.0	808.0	853.2	900.5	949.1	1001.7	1046.5	1105.5	1165.6	1214.1
40°	785.1	829.2	887.2	947.9	1022.6	1089.5	1180.2	1261.1	1351.6	1466.1	1560.6
37.5°	838.7	906.6	987.3	1072.0	1188.5	1299.7	1449.8	1607.9	1751.3	1971.5	2156.7
35°	908.4	1003.3	1109.6	1259.4	1424.2	1632.8	1866.9	2172.2	2434.0	2805.4	3160.4
32.5°	998.1	1120.2	1293.8	1524.9	1768.7	2147.4	2518.7	3048.9	3539.8	4128.5	4763.9
30°	1098.0	1283.8	1549.0	1866.1	2320.8	2877.9	3532.5	4346.8	5237.9	6065.3	6880.7
27.5°	1242.7	1509.1	1857.4	2369.1	3077.7	3857.2	5004.1	6109.4	7262.6	8287.7	9142.7
25°	1411.8	1763.8	2302.4	3055.8	4014.1	5348.9	6721.8	8086.0	9326.2	10399.4	11344.0
22.5°	1630.1	2136.3	2854.3	3830.2	5322.5	6922.4	8532.2	10036.9	11359.8	12554.9	13577.5
20°	1867.5	2500.9	3526.4	4981.5	6688.1	8510.7	10328.5	11931.3	13388.0	14743.0	15895.5
17.5°	2168.4	3055.4	4354.0	6099.7	8072.7	10069.7	11979.3	13718.8	15371.4	16805.2	18009.4
15°	2424.8	3543.8	5238.6	7285.9	9420.1	11526.6	13542.7	15432.1	17150.2	18621.4	19753.5
12.5°	2766.8	4091.2	6024.1	8305.8	10618.4	12835.0	14958.5	16911.3	18659.9	20114.9	20996.1
10°	3090.2	4657.9	6783.2	9162.7	11565.4	13927.0	16194.4	18197.1	19820.6	20978.0	21729.0
7.5°	3365.1	5144.9	7400.7	9855.3	12317.7	14786.8	17082.0	19030.6	20527.5	21494.1	22016.9
5°	3570.3	5508.9	7859.0	10418.1	12945.0	15457.4	17734.6	19563.9	20857.7	21575.7	21838.2
2.5°	3701.1	5722.7	8125.0	10787.4	13364.7	15881.6	18182.3	19982.9	21080.6	21556.5	21601.7
0°	3753.4	5750.4	8166.1	10981.1	13470.5	16002.5	18309.6	20155.3	21163.5	21555.1	21547.4
-2.5°	3701.1	5722.7	8125.0	10787.4	13364.7	15881.6	18182.3	19982.9	21080.6	21556.5	21601.7
-5°	3570.3	5508.9	7859.0	10418.1	12945.0	15457.4	17734.6	19563.9	20857.7	21575.7	21838.2
-7.5°	3365.1	5144.9	7400.7	9855.3	12317.7	14786.8	17082.0	19030.6	20527.5	21494.1	22016.9
-10°	3090.2	4657.9	6783.2	9162.7	11565.4	13927.0	16194.4	18197.1	19820.6	20978.0	21729.0
-12.5°	2766.8	4091.2	6024.1	8305.8	10618.4	12835.0	14958.5	16911.3	18659.9	20114.9	20996.1
-15°	2424.8	3543.8	5238.6	7285.9	9420.1	11526.6	13542.7	15432.1	17150.2	18621.4	19753.5
-17.5°	2168.4	3055.4	4354.0	6099.7	8072.7	10069.7	11979.3	13718.8	15371.4	16805.2	18009.4
-20°	1867.5	2500.9	3526.4	4981.5	6688.1	8510.7	10328.5	11931.3	13388.0	14743.0	15895.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627367 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1630.1	2136.3	2854.3	3830.2	5322.5	6922.4	8532.2	10036.9	11359.8	12554.9	13577.5
-25°	1411.8	1763.8	2302.4	3055.8	4014.1	5348.9	6721.8	8086.0	9326.2	10399.4	11344.0
-27.5°	1242.7	1509.1	1857.4	2369.1	3077.7	3857.2	5004.1	6109.4	7262.6	8287.7	9142.7
-30°	1098.0	1283.8	1549.0	1866.1	2320.8	2877.9	3532.5	4346.8	5237.9	6065.3	6880.7
-32.5°	998.1	1120.2	1293.8	1524.9	1768.7	2147.4	2518.7	3048.9	3539.8	4128.5	4763.9
-35°	908.4	1003.3	1109.6	1259.4	1424.2	1632.8	1866.9	2172.2	2434.0	2805.4	3160.4
-37.5°	838.7	906.6	987.3	1072.0	1188.5	1299.7	1449.8	1607.9	1751.3	1971.5	2156.7
-40°	785.1	829.2	887.2	947.9	1022.6	1089.5	1180.2	1261.1	1351.6	1466.1	1560.6
-42.5°	740.5	775.0	808.0	853.2	900.5	949.1	1001.7	1046.5	1105.5	1165.6	1214.1
-45°	702.9	730.6	757.4	785.6	809.4	845.0	878.1	906.5	944.3	978.5	1005.7
-47.5°	671.0	692.6	716.1	738.3	755.5	774.4	792.0	809.9	833.4	853.2	867.9
-50°	640.6	659.3	678.8	696.8	711.3	724.1	734.7	746.7	759.4	769.9	776.5
-52.5°	611.7	629.5	645.1	658.6	672.2	683.4	692.2	700.7	708.1	714.1	716.7
-55°	585.0	600.9	616.8	628.5	638.8	648.3	656.3	662.5	667.7	671.7	672.7
-57.5°	555.3	570.7	585.0	595.8	606.3	616.4	623.6	628.4	632.3	635.2	636.4
-60°	519.8	537.2	548.2	557.2	567.3	578.2	584.3	589.4	593.8	597.7	601.1
-62.5°	476.4	491.0	501.5	510.4	518.5	525.5	533.9	540.7	546.0	550.8	556.3
-65°	426.2	440.7	450.2	457.6	463.2	469.6	479.7	487.8	494.0	498.9	503.4
-67.5°	375.5	389.2	398.7	406.5	412.6	418.9	428.0	436.2	443.4	448.4	451.5
-70°	323.6	336.9	347.2	355.8	362.4	368.9	376.1	382.9	389.4	393.0	394.4
-72.5°	271.9	283.1	293.2	302.3	310.0	316.5	322.1	327.0	331.1	333.7	335.2
-75°	222.4	231.5	240.0	247.9	255.2	261.5	266.8	271.3	274.9	276.7	277.7
-77.5°	175.3	182.1	188.1	193.9	199.4	204.8	209.8	214.2	218.1	219.0	218.7
-80°	130.9	135.5	139.5	143.1	146.3	150.0	153.5	156.6	159.2	160.7	161.6
-82.5°	88.8	91.6	94.1	96.3	98.2	101.0	103.6	105.8	107.6	109.0	110.2
-85°	50.5	51.6	52.5	53.4	54.0	56.4	58.8	60.9	63.0	62.9	62.7
-87.5°	19.1	18.8	18.5	18.1	17.6	18.8	20.1	21.3	22.5	21.8	21.0
-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: P627367 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-MWR-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°	20.2	19.3	19.4	19.4	19.4	19.3	20.2	21.0	21.8	22.5	21.3
85°	62.3	61.7	60.0	58.2	60.0	61.7	62.3	62.7	62.9	63.0	60.9
82.5°	111.1	111.8	110.4	108.6	110.4	111.8	111.1	110.2	109.0	107.6	105.8
80°	162.1	162.2	160.8	159.0	160.8	162.2	162.1	161.6	160.7	159.2	156.6
77.5°	217.8	216.2	216.8	217.1	216.8	216.2	217.8	218.7	219.0	218.1	214.2
75°	278.1	277.9	277.0	275.3	277.0	277.9	278.1	277.7	276.7	274.9	271.3
72.5°	335.9	335.9	335.1	333.5	335.1	335.9	335.9	335.2	333.7	331.1	327.0
70°	394.7	394.0	395.0	395.5	395.0	394.0	394.7	394.4	393.0	389.4	382.9
67.5°	453.9	455.4	455.2	453.7	455.2	455.4	453.9	451.5	448.4	443.4	436.2
65°	507.0	509.6	511.2	511.8	511.2	509.6	507.0	503.4	498.9	494.0	487.8
62.5°	560.6	563.6	563.8	562.2	563.8	563.6	560.6	556.3	550.8	546.0	540.7
60°	603.0	603.5	602.8	601.0	602.8	603.5	603.0	601.1	597.7	593.8	589.4
57.5°	636.3	635.2	633.9	632.0	633.9	635.2	636.3	636.4	635.2	632.3	628.4
55°	672.2	670.3	668.7	666.9	668.7	670.3	672.2	672.7	671.7	667.7	662.5
52.5°	717.2	716.2	715.1	713.5	715.1	716.2	717.2	716.7	714.1	708.1	700.7
50°	779.8	780.8	780.7	779.4	780.7	780.8	779.8	776.5	769.9	759.4	746.7
47.5°	877.2	882.4	885.9	888.0	885.9	882.4	877.2	867.9	853.2	833.4	809.9
45°	1023.1	1033.5	1040.8	1046.9	1040.8	1033.5	1023.1	1005.7	978.5	944.3	906.5
42.5°	1248.2	1271.4	1282.4	1279.6	1282.4	1271.4	1248.2	1214.1	1165.6	1105.5	1046.5
40°	1623.7	1661.1	1681.9	1698.4	1681.9	1661.1	1623.7	1560.6	1466.1	1351.6	1261.1
37.5°	2283.2	2355.8	2394.1	2427.3	2394.1	2355.8	2283.2	2156.7	1971.5	1751.3	1607.9
35°	3425.6	3589.0	3676.4	3706.9	3676.4	3589.0	3425.6	3160.4	2805.4	2434.0	2172.2
32.5°	5258.2	5559.6	5726.3	5855.1	5726.3	5559.6	5258.2	4763.9	4128.5	3539.8	3048.9
30°	7526.3	7923.2	8143.7	8251.4	8143.7	7923.2	7526.3	6880.7	6065.3	5237.9	4346.8
27.5°	9851.3	10302.6	10540.3	10527.5	10540.3	10302.6	9851.3	9142.7	8287.7	7262.6	6109.4
25°	12153.9	12676.6	12913.4	13125.4	12913.4	12676.6	12153.9	11344.0	10399.4	9326.2	8086.0
22.5°	14482.6	15093.8	15427.3	15583.7	15427.3	15093.8	14482.6	13577.5	12554.9	11359.8	10036.9
20°	16783.7	17464.1	17818.2	17972.3	17818.2	17464.1	16783.7	15895.5	14743.0	13388.0	11931.3
17.5°	18824.5	19488.7	19826.2	19969.2	19826.2	19488.7	18824.5	18009.4	16805.2	15371.4	13718.8
15°	20454.0	20944.0	21231.0	21307.0	21231.0	20944.0	20454.0	19753.5	18621.4	17150.2	15432.1
12.5°	21580.4	21770.3	21908.3	21950.6	21908.3	21770.3	21580.4	20996.1	20114.9	18659.9	16911.3
10°	22156.3	22070.7	22035.3	22039.8	22035.3	22070.7	22156.3	21729.0	20978.0	19820.6	18197.1
7.5°	22116.8	21989.9	21735.3	21694.7	21735.3	21989.9	22116.8	22016.9	21494.1	20527.5	19030.6
5°	21799.0	21568.1	21145.4	21023.9	21145.4	21568.1	21799.0	21838.2	21575.7	20857.7	19563.9
2.5°	21428.7	21012.5	20623.0	20372.5	20623.0	21012.5	21428.7	21601.7	21556.5	21080.6	19982.9
0°	21318.6	20837.8	20333.7	20170.8	20333.7	20837.8	21318.6	21547.4	21555.1	21163.5	20155.3
-2.5°	21428.7	21012.5	20623.0	20372.5	20623.0	21012.5	21428.7	21601.7	21556.5	21080.6	19982.9
-5°	21799.0	21568.1	21145.4	21023.9	21145.4	21568.1	21799.0	21838.2	21575.7	20857.7	19563.9
-7.5°	22116.8	21989.9	21735.3	21694.7	21735.3	21989.9	22116.8	22016.9	21494.1	20527.5	19030.6
-10°	22156.3	22070.7	22035.3	22039.8	22035.3	22070.7	22156.3	21729.0	20978.0	19820.6	18197.1
-12.5°	21580.4	21770.3	21908.3	21950.6	21908.3	21770.3	21580.4	20996.1	20114.9	18659.9	16911.3
-15°	20454.0	20944.0	21231.0	21307.0	21231.0	20944.0	20454.0	19753.5	18621.4	17150.2	15432.1
-17.5°	18824.5	19488.7	19826.2	19969.2	19826.2	19488.7	18824.5	18009.4	16805.2	15371.4	13718.8
-20°	16783.7	17464.1	17818.2	17972.3	17818.2	17464.1	16783.7	15895.5	14743.0	13388.0	11931.3



REPORT NUMBER: P627367 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	14482.6	15093.8	15427.3	15583.7	15427.3	15093.8	14482.6	13577.5	12554.9	11359.8	10036.9
-25°	12153.9	12676.6	12913.4	13125.4	12913.4	12676.6	12153.9	11344.0	10399.4	9326.2	8086.0
-27.5°	9851.3	10302.6	10540.3	10527.5	10540.3	10302.6	9851.3	9142.7	8287.7	7262.6	6109.4
-30°	7526.3	7923.2	8143.7	8251.4	8143.7	7923.2	7526.3	6880.7	6065.3	5237.9	4346.8
-32.5°	5258.2	5559.6	5726.3	5855.1	5726.3	5559.6	5258.2	4763.9	4128.5	3539.8	3048.9
-35°	3425.6	3589.0	3676.4	3706.9	3676.4	3589.0	3425.6	3160.4	2805.4	2434.0	2172.2
-37.5°	2283.2	2355.8	2394.1	2427.3	2394.1	2355.8	2283.2	2156.7	1971.5	1751.3	1607.9
-40°	1623.7	1661.1	1681.9	1698.4	1681.9	1661.1	1623.7	1560.6	1466.1	1351.6	1261.1
-42.5°	1248.2	1271.4	1282.4	1279.6	1282.4	1271.4	1248.2	1214.1	1165.6	1105.5	1046.5
-45°	1023.1	1033.5	1040.8	1046.9	1040.8	1033.5	1023.1	1005.7	978.5	944.3	906.5
-47.5°	877.2	882.4	885.9	888.0	885.9	882.4	877.2	867.9	853.2	833.4	809.9
-50°	779.8	780.8	780.7	779.4	780.7	780.8	779.8	776.5	769.9	759.4	746.7
-52.5°	717.2	716.2	715.1	713.5	715.1	716.2	717.2	716.7	714.1	708.1	700.7
-55°	672.2	670.3	668.7	666.9	668.7	670.3	672.2	672.7	671.7	667.7	662.5
-57.5°	636.3	635.2	633.9	632.0	633.9	635.2	636.3	636.4	635.2	632.3	628.4
-60°	603.0	603.5	602.8	601.0	602.8	603.5	603.0	601.1	597.7	593.8	589.4
-62.5°	560.6	563.6	563.8	562.2	563.8	563.6	560.6	556.3	550.8	546.0	540.7
-65°	507.0	509.6	511.2	511.8	511.2	509.6	507.0	503.4	498.9	494.0	487.8
-67.5°	453.9	455.4	455.2	453.7	455.2	455.4	453.9	451.5	448.4	443.4	436.2
-70°	394.7	394.0	395.0	395.5	395.0	394.0	394.7	394.4	393.0	389.4	382.9
-72.5°	335.9	335.9	335.1	333.5	335.1	335.9	335.9	335.2	333.7	331.1	327.0
-75°	278.1	277.9	277.0	275.3	277.0	277.9	278.1	277.7	276.7	274.9	271.3
-77.5°	217.8	216.2	216.8	217.1	216.8	216.2	217.8	218.7	219.0	218.1	214.2
-80°	162.1	162.2	160.8	159.0	160.8	162.2	162.1	161.6	160.7	159.2	156.6
-82.5°	111.1	111.8	110.4	108.6	110.4	111.8	111.1	110.2	109.0	107.6	105.8
-85°	62.3	61.7	60.0	58.2	60.0	61.7	62.3	62.7	62.9	63.0	60.9
-87.5°	20.2	19.3	19.4	19.4	19.4	19.3	20.2	21.0	21.8	22.5	21.3
-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: P627367 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-MWR-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°	20.1	18.8	17.6	18.1	18.5	18.8	19.1	18.5	17.8	17.2	16.5
85°	58.8	56.4	54.0	53.4	52.5	51.6	50.5	48.3	45.9	43.5	40.9
82.5°	103.6	101.0	98.2	96.3	94.1	91.6	88.8	84.5	80.2	75.8	71.4
80°	153.5	150.0	146.3	143.1	139.5	135.5	130.9	124.2	117.3	110.5	104.1
77.5°	209.8	204.8	199.4	193.9	188.1	182.1	175.3	166.9	158.5	149.6	140.7
75°	266.8	261.5	255.2	247.9	240.0	231.5	222.4	212.3	201.7	190.6	179.4
72.5°	322.1	316.5	310.0	302.3	293.2	283.1	271.9	259.6	246.6	233.0	219.7
70°	376.1	368.9	362.4	355.8	347.2	336.9	323.6	308.8	293.1	277.4	262.0
67.5°	428.0	418.9	412.6	406.5	398.7	389.2	375.5	359.5	342.0	323.6	305.4
65°	479.7	469.6	463.2	457.6	450.2	440.7	426.2	410.0	391.5	371.1	349.9
62.5°	533.9	525.5	518.5	510.4	501.5	491.0	476.4	459.4	440.7	419.2	394.7
60°	584.3	578.2	567.3	557.2	548.2	537.2	519.8	503.5	488.3	463.6	437.1
57.5°	623.6	616.4	606.3	595.8	585.0	570.7	555.3	539.8	522.2	501.4	476.8
55°	656.3	648.3	638.8	628.5	616.8	600.9	585.0	568.5	551.5	534.1	510.1
52.5°	692.2	683.4	672.2	658.6	645.1	629.5	611.7	594.1	578.2	560.5	540.8
50°	734.7	724.1	711.3	696.8	678.8	659.3	640.6	620.1	603.4	586.1	566.1
47.5°	792.0	774.4	755.5	738.3	716.1	692.6	671.0	649.9	630.2	611.6	591.1
45°	878.1	845.0	809.4	785.6	757.4	730.6	702.9	679.1	656.5	635.5	616.3
42.5°	1001.7	949.1	900.5	853.2	808.0	775.0	740.5	711.0	683.6	658.7	636.2
40°	1180.2	1089.5	1022.6	947.9	887.2	829.2	785.1	744.9	713.2	683.6	656.3
37.5°	1449.8	1299.7	1188.5	1072.0	987.3	906.6	838.7	786.4	743.4	709.1	677.3
35°	1866.9	1632.8	1424.2	1259.4	1109.6	1003.3	908.4	835.1	780.0	735.2	698.1
32.5°	2518.7	2147.4	1768.7	1524.9	1293.8	1120.2	998.1	897.2	819.3	765.9	721.3
30°	3532.5	2877.9	2320.8	1866.1	1549.0	1283.8	1098.0	974.6	874.9	797.0	744.8
27.5°	5004.1	3857.2	3077.7	2369.1	1857.4	1509.1	1242.7	1057.4	933.5	840.5	771.8
25°	6721.8	5348.9	4014.1	3055.8	2302.4	1763.8	1411.8	1173.4	1006.0	885.9	795.6
22.5°	8532.2	6922.4	5322.5	3830.2	2854.3	2136.3	1630.1	1290.4	1074.4	934.3	830.1
20°	10328.5	8510.7	6688.1	4981.5	3526.4	2500.9	1867.5	1445.7	1170.0	988.5	862.8
17.5°	11979.3	10069.7	8072.7	6099.7	4354.0	3055.4	2168.4	1602.7	1253.4	1036.6	891.2
15°	13542.7	11526.6	9420.1	7285.9	5238.6	3543.8	2424.8	1739.5	1340.1	1092.6	928.3
12.5°	14958.5	12835.0	10618.4	8305.8	6024.1	4091.2	2766.8	1941.1	1446.6	1150.6	963.3
10°	16194.4	13927.0	11565.4	9162.7	6783.2	4657.9	3090.2	2113.0	1538.9	1198.8	991.9
7.5°	17082.0	14786.8	12317.7	9855.3	7400.7	5144.9	3365.1	2249.1	1611.3	1235.7	1013.9
5°	17734.6	15457.4	12945.0	10418.1	7859.0	5508.9	3570.3	2344.8	1663.1	1261.2	1029.2
2.5°	18182.3	15881.6	13364.7	10787.4	8125.0	5722.7	3701.1	2396.3	1687.6	1281.2	1037.7
0°	18309.6	16002.5	13470.5	10981.1	8166.1	5750.4	3753.4	2404.1	1686.7	1291.2	1039.2
-2.5°	18182.3	15881.6	13364.7	10787.4	8125.0	5722.7	3701.1	2396.3	1687.6	1281.2	1037.7
-5°	17734.6	15457.4	12945.0	10418.1	7859.0	5508.9	3570.3	2344.8	1663.1	1261.2	1029.2
-7.5°	17082.0	14786.8	12317.7	9855.3	7400.7	5144.9	3365.1	2249.1	1611.3	1235.7	1013.9
-10°	16194.4	13927.0	11565.4	9162.7	6783.2	4657.9	3090.2	2113.0	1538.9	1198.8	991.9
-12.5°	14958.5	12835.0	10618.4	8305.8	6024.1	4091.2	2766.8	1941.1	1446.6	1150.6	963.3
-15°	13542.7	11526.6	9420.1	7285.9	5238.6	3543.8	2424.8	1739.5	1340.1	1092.6	928.3
-17.5°	11979.3	10069.7	8072.7	6099.7	4354.0	3055.4	2168.4	1602.7	1253.4	1036.6	891.2
-20°	10328.5	8510.7	6688.1	4981.5	3526.4	2500.9	1867.5	1445.7	1170.0	988.5	862.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627367 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	8532.2	6922.4	5322.5	3830.2	2854.3	2136.3	1630.1	1290.4	1074.4	934.3	830.1
-25°	6721.8	5348.9	4014.1	3055.8	2302.4	1763.8	1411.8	1173.4	1006.0	885.9	795.6
-27.5°	5004.1	3857.2	3077.7	2369.1	1857.4	1509.1	1242.7	1057.4	933.5	840.5	771.8
-30°	3532.5	2877.9	2320.8	1866.1	1549.0	1283.8	1098.0	974.6	874.9	797.0	744.8
-32.5°	2518.7	2147.4	1768.7	1524.9	1293.8	1120.2	998.1	897.2	819.3	765.9	721.3
-35°	1866.9	1632.8	1424.2	1259.4	1109.6	1003.3	908.4	835.1	780.0	735.2	698.1
-37.5°	1449.8	1299.7	1188.5	1072.0	987.3	906.6	838.7	786.4	743.4	709.1	677.3
-40°	1180.2	1089.5	1022.6	947.9	887.2	829.2	785.1	744.9	713.2	683.6	656.3
-42.5°	1001.7	949.1	900.5	853.2	808.0	775.0	740.5	711.0	683.6	658.7	636.2
-45°	878.1	845.0	809.4	785.6	757.4	730.6	702.9	679.1	656.5	635.5	616.3
-47.5°	792.0	774.4	755.5	738.3	716.1	692.6	671.0	649.9	630.2	611.6	591.1
-50°	734.7	724.1	711.3	696.8	678.8	659.3	640.6	620.1	603.4	586.1	566.1
-52.5°	692.2	683.4	672.2	658.6	645.1	629.5	611.7	594.1	578.2	560.5	540.8
-55°	656.3	648.3	638.8	628.5	616.8	600.9	585.0	568.5	551.5	534.1	510.1
-57.5°	623.6	616.4	606.3	595.8	585.0	570.7	555.3	539.8	522.2	501.4	476.8
-60°	584.3	578.2	567.3	557.2	548.2	537.2	519.8	503.5	488.3	463.6	437.1
-62.5°	533.9	525.5	518.5	510.4	501.5	491.0	476.4	459.4	440.7	419.2	394.7
-65°	479.7	469.6	463.2	457.6	450.2	440.7	426.2	410.0	391.5	371.1	349.9
-67.5°	428.0	418.9	412.6	406.5	398.7	389.2	375.5	359.5	342.0	323.6	305.4
-70°	376.1	368.9	362.4	355.8	347.2	336.9	323.6	308.8	293.1	277.4	262.0
-72.5°	322.1	316.5	310.0	302.3	293.2	283.1	271.9	259.6	246.6	233.0	219.7
-75°	266.8	261.5	255.2	247.9	240.0	231.5	222.4	212.3	201.7	190.6	179.4
-77.5°	209.8	204.8	199.4	193.9	188.1	182.1	175.3	166.9	158.5	149.6	140.7
-80°	153.5	150.0	146.3	143.1	139.5	135.5	130.9	124.2	117.3	110.5	104.1
-82.5°	103.6	101.0	98.2	96.3	94.1	91.6	88.8	84.5	80.2	75.8	71.4
-85°	58.8	56.4	54.0	53.4	52.5	51.6	50.5	48.3	45.9	43.5	40.9
-87.5°	20.1	18.8	17.6	18.1	18.5	18.8	19.1	18.5	17.8	17.2	16.5
-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: P627367 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-MWR-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°	15.7	15.0	14.2	13.4	12.5	11.6	10.8	9.8	8.5	7.3	6.1
85°	38.2	35.4	32.5	29.5	26.4	23.3	21.5	19.6	17.0	14.6	12.2
82.5°	67.0	62.7	58.4	53.8	48.6	43.5	38.4	33.5	28.0	22.2	18.3
80°	98.2	92.1	85.8	79.1	71.5	63.5	56.5	49.7	43.1	36.0	28.5
77.5°	132.1	123.2	113.9	105.5	96.7	87.3	77.4	67.0	58.0	49.7	40.8
75°	168.3	157.5	146.4	134.9	123.1	111.1	99.7	87.8	75.8	63.6	53.0
72.5°	206.8	193.4	179.5	165.2	151.5	137.3	122.9	108.4	94.4	80.2	65.8
70°	246.2	229.9	213.7	197.6	180.8	163.4	146.9	129.8	112.8	96.6	80.2
67.5°	286.5	268.1	249.0	230.1	211.4	191.8	171.1	151.2	131.8	112.8	94.4
65°	328.9	307.0	284.6	263.2	241.9	220.4	197.8	173.0	150.4	129.2	108.4
62.5°	370.5	346.7	321.6	296.0	271.7	248.0	223.9	196.4	169.1	145.1	122.2
60°	410.9	384.2	357.2	328.9	301.2	274.6	248.0	219.1	189.4	160.7	135.6
57.5°	448.0	419.9	389.7	360.0	330.1	300.7	271.1	240.6	209.1	177.6	148.7
55°	482.7	452.2	420.6	388.5	357.2	325.8	293.8	261.2	228.1	194.4	161.5
52.5°	515.3	483.4	450.0	415.8	382.0	349.6	315.8	281.2	246.1	210.6	175.6
50°	543.8	513.8	478.5	442.4	405.7	371.5	337.1	300.5	263.5	226.1	189.3
47.5°	567.8	540.3	506.0	468.1	429.5	393.0	357.1	319.2	280.3	241.0	202.4
45°	591.2	564.7	531.6	492.8	453.0	414.4	376.3	337.2	296.5	255.5	214.9
42.5°	613.2	586.7	555.8	516.6	475.4	435.0	395.0	354.2	312.0	269.2	226.9
40°	631.9	605.9	578.6	539.5	496.7	454.4	412.8	370.6	326.7	282.2	238.2
37.5°	650.1	623.4	595.3	561.0	516.5	472.7	429.4	386.3	341.0	294.8	248.9
35°	667.7	640.2	610.2	577.7	535.0	489.7	445.0	401.0	354.4	306.9	258.8
32.5°	683.5	655.2	624.1	591.2	552.1	505.4	459.4	413.9	366.8	318.3	268.1
30°	702.2	667.8	636.6	604.5	566.6	519.8	472.7	426.0	378.3	329.0	276.8
27.5°	720.2	679.9	647.7	615.5	578.1	532.9	485.1	437.1	388.7	338.8	285.4
25°	737.5	693.7	658.1	624.8	589.0	545.4	496.4	447.3	398.0	347.4	293.3
22.5°	757.4	706.4	667.8	632.8	599.5	556.6	506.7	456.5	406.2	355.0	300.6
20°	775.2	716.8	676.7	640.4	607.3	565.2	515.8	464.7	413.5	361.8	307.2
17.5°	792.5	728.7	685.4	647.7	613.2	572.6	523.8	471.9	419.9	367.7	313.0
15°	816.6	742.3	693.0	653.9	618.2	579.0	530.7	478.1	425.4	372.7	318.2
12.5°	837.3	753.7	699.3	658.9	622.2	584.2	536.4	483.2	429.9	377.1	322.9
10°	854.0	762.8	704.1	662.9	625.3	588.3	540.9	487.5	434.2	380.9	326.7
7.5°	866.8	769.6	707.6	665.7	627.5	591.4	545.1	491.3	437.6	383.9	329.7
5°	875.4	774.0	710.6	667.3	628.7	593.2	548.1	494.1	440.0	386.1	331.8
2.5°	879.9	776.0	712.7	667.7	628.9	593.8	550.0	495.7	441.5	387.4	333.1
0°	880.2	775.5	713.5	666.9	628.2	593.3	550.6	496.3	442.0	387.8	333.5
-2.5°	879.9	776.0	712.7	667.7	628.9	593.8	550.0	495.7	441.5	387.4	333.1
-5°	875.4	774.0	710.6	667.3	628.7	593.2	548.1	494.1	440.0	386.1	331.8
-7.5°	866.8	769.6	707.6	665.7	627.5	591.4	545.1	491.3	437.6	383.9	329.7
-10°	854.0	762.8	704.1	662.9	625.3	588.3	540.9	487.5	434.2	380.9	326.7
-12.5°	837.3	753.7	699.3	658.9	622.2	584.2	536.4	483.2	429.9	377.1	322.9
-15°	816.6	742.3	693.0	653.9	618.2	579.0	530.7	478.1	425.4	372.7	318.2
-17.5°	792.5	728.7	685.4	647.7	613.2	572.6	523.8	471.9	419.9	367.7	313.0
-20°	775.2	716.8	676.7	640.4	607.3	565.2	515.8	464.7	413.5	361.8	307.2



REPORT NUMBER: P627367 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	757.4	706.4	667.8	632.8	599.5	556.6	506.7	456.5	406.2	355.0	300.6
-25°	737.5	693.7	658.1	624.8	589.0	545.4	496.4	447.3	398.0	347.4	293.3
-27.5°	720.2	679.9	647.7	615.5	578.1	532.9	485.1	437.1	388.7	338.8	285.4
-30°	702.2	667.8	636.6	604.5	566.6	519.8	472.7	426.0	378.3	329.0	276.8
-32.5°	683.5	655.2	624.1	591.2	552.1	505.4	459.4	413.9	366.8	318.3	268.1
-35°	667.7	640.2	610.2	577.7	535.0	489.7	445.0	401.0	354.4	306.9	258.8
-37.5°	650.1	623.4	595.3	561.0	516.5	472.7	429.4	386.3	341.0	294.8	248.9
-40°	631.9	605.9	578.6	539.5	496.7	454.4	412.8	370.6	326.7	282.2	238.2
-42.5°	613.2	586.7	555.8	516.6	475.4	435.0	395.0	354.2	312.0	269.2	226.9
-45°	591.2	564.7	531.6	492.8	453.0	414.4	376.3	337.2	296.5	255.5	214.9
-47.5°	567.8	540.3	506.0	468.1	429.5	393.0	357.1	319.2	280.3	241.0	202.4
-50°	543.8	513.8	478.5	442.4	405.7	371.5	337.1	300.5	263.5	226.1	189.3
-52.5°	515.3	483.4	450.0	415.8	382.0	349.6	315.8	281.2	246.1	210.6	175.6
-55°	482.7	452.2	420.6	388.5	357.2	325.8	293.8	261.2	228.1	194.4	161.5
-57.5°	448.0	419.9	389.7	360.0	330.1	300.7	271.1	240.6	209.1	177.6	148.7
-60°	410.9	384.2	357.2	328.9	301.2	274.6	248.0	219.1	189.4	160.7	135.6
-62.5°	370.5	346.7	321.6	296.0	271.7	248.0	223.9	196.4	169.1	145.1	122.2
-65°	328.9	307.0	284.6	263.2	241.9	220.4	197.8	173.0	150.4	129.2	108.4
-67.5°	286.5	268.1	249.0	230.1	211.4	191.8	171.1	151.2	131.8	112.8	94.4
-70°	246.2	229.9	213.7	197.6	180.8	163.4	146.9	129.8	112.8	96.6	80.2
-72.5°	206.8	193.4	179.5	165.2	151.5	137.3	122.9	108.4	94.4	80.2	65.8
-75°	168.3	157.5	146.4	134.9	123.1	111.1	99.7	87.8	75.8	63.6	53.0
-77.5°	132.1	123.2	113.9	105.5	96.7	87.3	77.4	67.0	58.0	49.7	40.8
-80°	98.2	92.1	85.8	79.1	71.5	63.5	56.5	49.7	43.1	36.0	28.5
-82.5°	67.0	62.7	58.4	53.8	48.6	43.5	38.4	33.5	28.0	22.2	18.3
-85°	38.2	35.4	32.5	29.5	26.4	23.3	21.5	19.6	17.0	14.6	12.2
-87.5°	15.7	15.0	14.2	13.4	12.5	11.6	10.8	9.8	8.5	7.3	6.1
-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: P627367 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.0	4.2	3.4	2.5	1.7	0.8	0.0
85°	10.0	8.4	6.7	5.1	3.4	1.7	0.0
82.5°	15.0	12.6	10.1	7.6	5.1	2.5	0.0
80°	20.7	16.7	13.4	10.1	6.7	3.4	0.0
77.5°	31.5	22.6	16.7	12.6	8.4	4.2	0.0
75°	42.3	31.5	20.7	15.0	10.0	5.0	0.0
72.5°	52.9	40.4	27.8	17.5	11.7	5.8	0.0
70°	63.6	49.1	34.8	20.4	13.3	6.6	0.0
67.5°	75.7	57.8	41.7	25.6	14.8	7.4	0.0
65°	87.5	66.9	48.5	30.7	16.4	8.2	0.0
62.5°	99.1	76.4	55.2	35.7	17.9	9.0	0.0
60°	110.4	85.7	61.7	40.6	19.4	9.7	0.0
57.5°	121.7	94.7	68.8	45.3	22.5	10.4	0.0
55°	132.8	103.4	75.7	50.0	25.5	11.1	0.0
52.5°	143.6	112.0	82.4	54.5	28.5	11.8	0.0
50°	154.1	120.8	88.8	58.8	31.3	12.5	0.0
47.5°	164.5	129.4	95.0	63.1	34.0	13.1	0.0
45°	175.2	137.6	100.9	67.5	36.5	13.7	0.0
42.5°	185.4	145.6	106.6	71.7	39.0	14.3	0.0
40°	195.1	153.2	112.3	75.6	41.3	14.9	0.0
37.5°	204.2	160.5	118.0	79.3	43.5	15.4	0.0
35°	212.8	167.6	123.5	82.7	45.5	15.9	0.0
32.5°	220.8	174.3	128.7	85.9	47.4	16.4	0.0
30°	228.1	180.5	133.6	88.8	49.2	16.8	0.0
27.5°	234.9	186.2	137.9	91.6	50.8	17.2	0.0
25°	241.1	191.4	141.8	94.0	52.2	17.6	0.0
22.5°	246.6	196.1	145.3	96.3	53.5	17.9	0.0
20°	251.5	200.0	148.5	98.2	54.7	18.2	0.0
17.5°	255.9	203.5	151.2	100.0	55.6	18.5	0.0
15°	259.9	206.4	153.6	101.4	56.5	18.7	0.0
12.5°	263.3	208.9	155.5	102.6	57.1	18.9	0.0
10°	266.2	210.8	157.0	103.6	57.7	19.1	0.0
7.5°	268.4	212.2	158.2	104.3	58.0	19.2	0.0
5°	270.1	213.1	158.9	104.7	58.2	19.3	0.0
2.5°	271.1	213.5	159.1	104.8	58.3	19.4	0.0
0°	271.4	213.3	159.0	104.7	58.2	19.4	0.0
-2.5°	271.1	213.5	159.1	104.8	58.3	19.4	0.0
-5°	270.1	213.1	158.9	104.7	58.2	19.3	0.0
-7.5°	268.4	212.2	158.2	104.3	58.0	19.2	0.0
-10°	266.2	210.8	157.0	103.6	57.7	19.1	0.0
-12.5°	263.3	208.9	155.5	102.6	57.1	18.9	0.0
-15°	259.9	206.4	153.6	101.4	56.5	18.7	0.0
-17.5°	255.9	203.5	151.2	100.0	55.6	18.5	0.0
-20°	251.5	200.0	148.5	98.2	54.7	18.2	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627367 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	246.6	196.1	145.3	96.3	53.5	17.9	0.0
-25°	241.1	191.4	141.8	94.0	52.2	17.6	0.0
-27.5°	234.9	186.2	137.9	91.6	50.8	17.2	0.0
-30°	228.1	180.5	133.6	88.8	49.2	16.8	0.0
-32.5°	220.8	174.3	128.7	85.9	47.4	16.4	0.0
-35°	212.8	167.6	123.5	82.7	45.5	15.9	0.0
-37.5°	204.2	160.5	118.0	79.3	43.5	15.4	0.0
-40°	195.1	153.2	112.3	75.6	41.3	14.9	0.0
-42.5°	185.4	145.6	106.6	71.7	39.0	14.3	0.0
-45°	175.2	137.6	100.9	67.5	36.5	13.7	0.0
-47.5°	164.5	129.4	95.0	63.1	34.0	13.1	0.0
-50°	154.1	120.8	88.8	58.8	31.3	12.5	0.0
-52.5°	143.6	112.0	82.4	54.5	28.5	11.8	0.0
-55°	132.8	103.4	75.7	50.0	25.5	11.1	0.0
-57.5°	121.7	94.7	68.8	45.3	22.5	10.4	0.0
-60°	110.4	85.7	61.7	40.6	19.4	9.7	0.0
-62.5°	99.1	76.4	55.2	35.7	17.9	9.0	0.0
-65°	87.5	66.9	48.5	30.7	16.4	8.2	0.0
-67.5°	75.7	57.8	41.7	25.6	14.8	7.4	0.0
-70°	63.6	49.1	34.8	20.4	13.3	6.6	0.0
-72.5°	52.9	40.4	27.8	17.5	11.7	5.8	0.0
-75°	42.3	31.5	20.7	15.0	10.0	5.0	0.0
-77.5°	31.5	22.6	16.7	12.6	8.4	4.2	0.0
-80°	20.7	16.7	13.4	10.1	6.7	3.4	0.0
-82.5°	15.0	12.6	10.1	7.6	5.1	2.5	0.0
-85°	10.0	8.4	6.7	5.1	3.4	1.7	0.0
-87.5°	5.0	4.2	3.4	2.5	1.7	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)