

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: P627607 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627607 (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-SA5C-722-U-MWR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N108
Light Source: (80) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

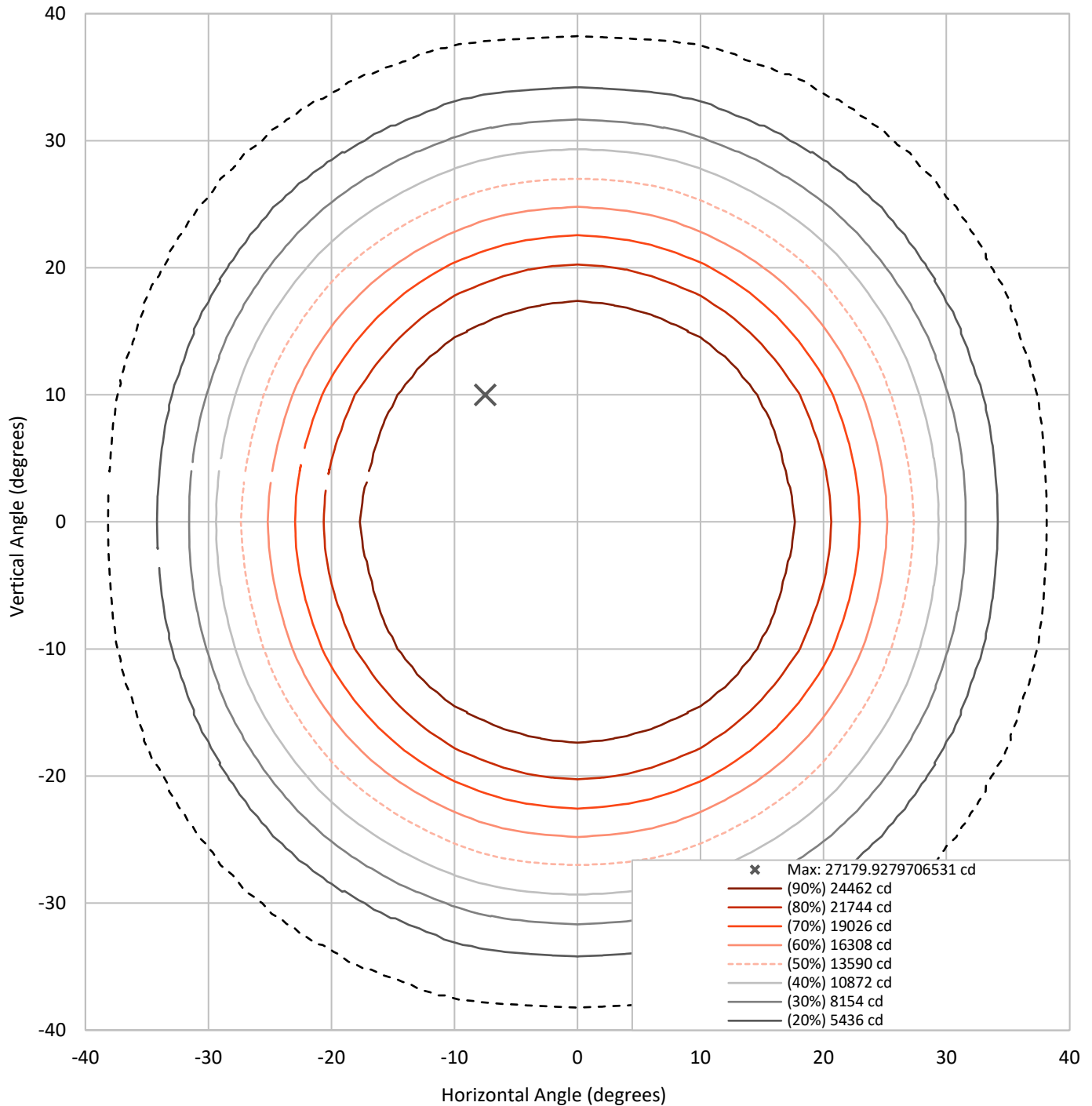
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	23132.7 lumens	Max Intensity:	27179.9 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	112.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	15354.1 lumens	Field Lumens:	19964.7 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	206.1		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



REPORT NUMBER: P627607 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-722-U-MWR-XX

Iso-Candela Plot





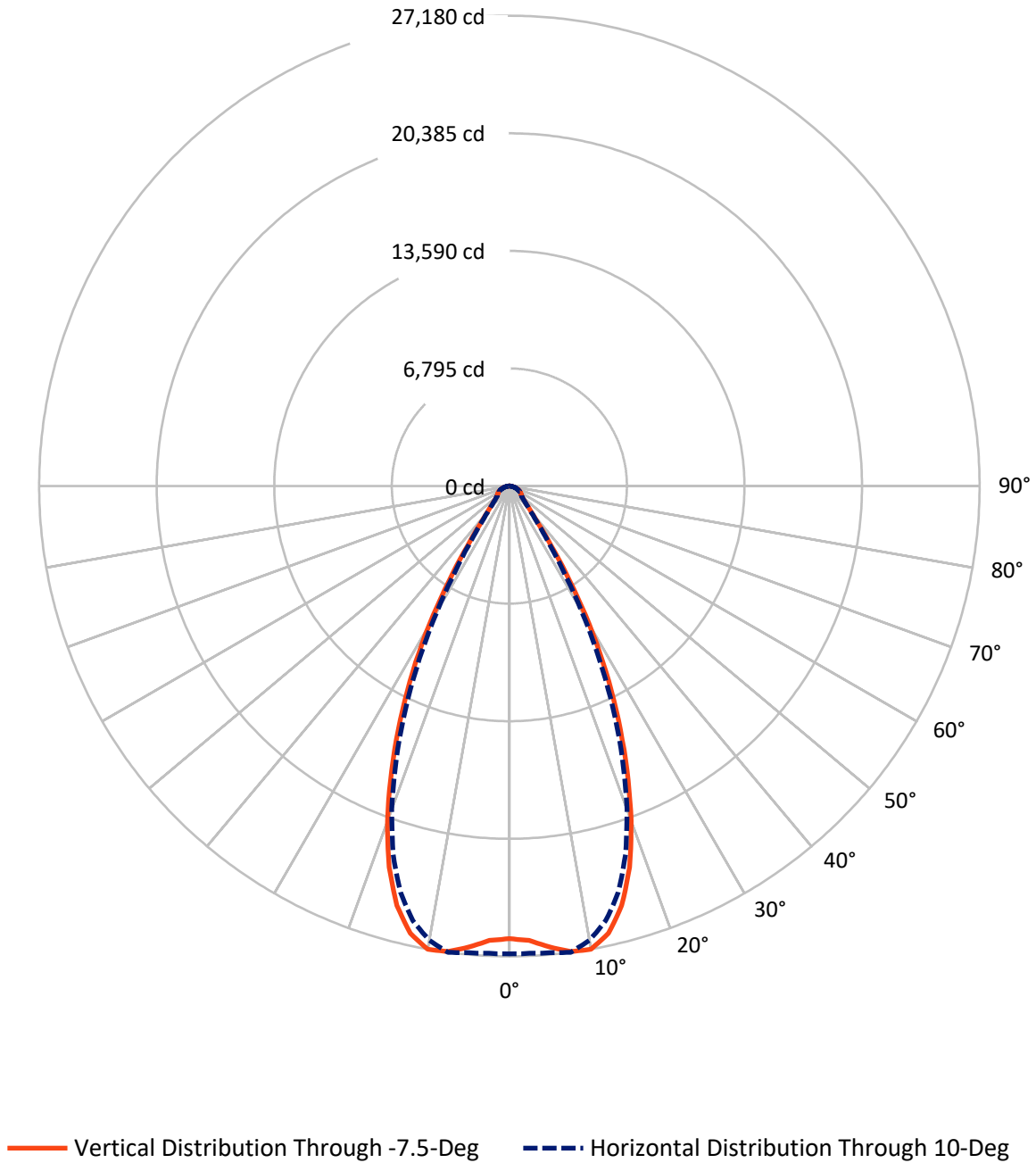
REPORT NUMBER: P627607 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-722-U-MWR-XX

Lumen Table

90																			
80	0.6	5.4		14.5		23.0		25.7		23.0		14.5		5.4		0.6			
70																			
60	2.5	2.8	5.7	9.3	13.0	15.7	17.8	18.8	18.8	17.8	15.7	13.0	9.3	5.7	2.8	2.5			
50		4.2	8.4	13.4	17.8	21.6	24.2	25.2	25.2	24.2	21.6	17.8	13.4	8.4	4.2				
40	4.3	5.4	10.6	16.2	21.7	28.3	35.5	40.8	40.8	35.5	28.3	21.7	16.2	10.6	5.4	4.3			
30		6.4	12.3	18.6	28.8	52.6	100.6	149.2	149.2	100.6	52.6	28.8	18.6	12.3	6.4				
20	5.6	7.1	13.4	21.7	47.4	148.5	333.2	465.2	465.2	333.2	148.5	47.4	21.7	13.4	7.1	5.6			
10		7.6	14.1	25.8	85.6	316.6	604.6	756.6	756.6	604.6	316.6	85.6	25.8	14.1	7.6				
0	6.1	7.9	14.4	29.1	123.3	433.2	733.4	798.0	798.0	733.4	433.2	123.3	29.1	14.4	7.9	6.1			
-10		7.9	14.4	29.1	123.3	433.2	733.4	798.0	798.0	733.4	433.2	123.3	29.1	14.4	7.9				
-20	5.6	7.6	14.1	25.8	85.6	316.6	604.6	756.6	756.6	604.6	316.6	85.6	25.8	14.1	7.6	5.6			
-30		7.1	13.4	21.7	47.4	148.5	333.2	465.2	465.2	333.2	148.5	47.4	21.7	13.4	7.1				
-40	4.3	6.4	12.3	18.6	28.8	52.6	100.6	149.2	149.2	100.6	52.6	28.8	18.6	12.3	6.4	4.3			
-50		5.4	10.6	16.2	21.7	28.3	35.5	40.8	40.8	35.5	28.3	21.7	16.2	10.6	5.4				
-60	2.5	4.2	8.4	13.4	17.8	21.6	24.2	25.2	25.2	24.2	21.6	17.8	13.4	8.4	4.2	2.5			
-70		2.8	5.7	9.3	13.0	15.7	17.8	18.8	18.8	17.8	15.7	13.0	9.3	5.7	2.8				
-80																			
-90	0.6	5.4		14.5		23.0		25.7		23.0		14.5		5.4		0.6			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

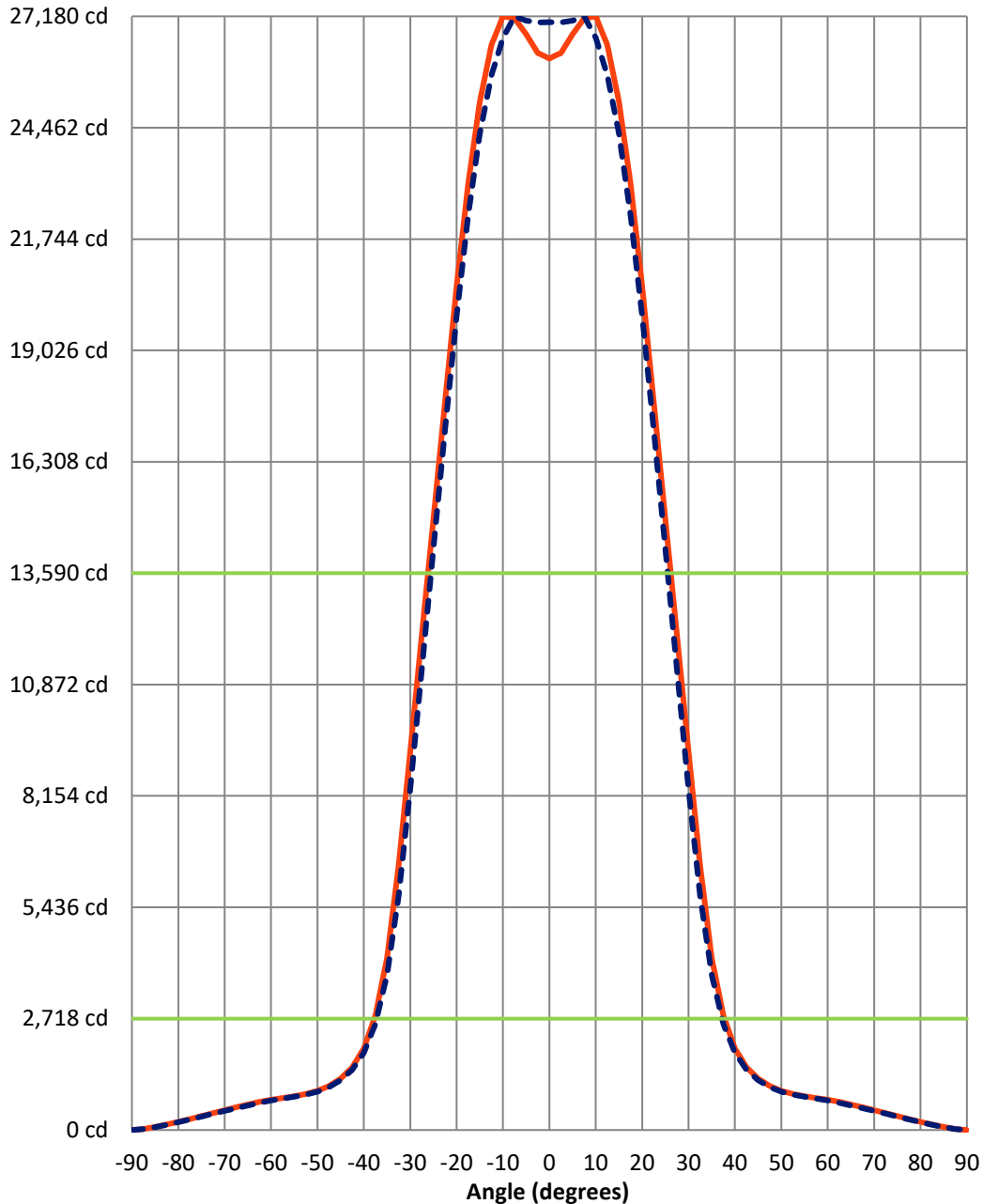
REPORT NUMBER: P627607 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-722-U-MWR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627607 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-722-U-MWR-XX

Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 15354.1
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 19964.7
 Efficiency: 86.3%

Spill:
 Lumens: 3167.9
 Efficiency: 13.7%

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

Classified

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

Scaled Data Report



REPORT NUMBER: P627607 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-722-U-MWR-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	1.0	2.1	3.1	4.1	5.1	6.2	7.5	8.9	10.5	12.0
85°	0.0	2.1	4.1	6.2	8.3	10.3	12.3	15.0	17.8	20.9	24.0
82.5°	0.0	3.1	6.2	9.3	12.4	15.4	18.4	22.4	27.3	34.3	41.0
80°	0.0	4.1	8.3	12.4	16.4	20.5	25.4	35.0	44.1	52.8	61.0
77.5°	0.0	5.1	10.3	15.4	20.5	27.7	38.7	50.1	61.0	71.2	82.2
75°	0.0	6.2	12.3	18.4	25.4	38.7	51.9	65.1	78.0	93.0	107.7
72.5°	0.0	7.2	14.3	21.4	34.1	49.6	64.9	80.7	98.4	115.8	133.0
70°	0.0	8.1	16.3	25.0	42.7	60.3	78.0	98.4	118.6	138.4	159.3
67.5°	0.0	9.1	18.2	31.4	51.2	70.9	92.9	115.8	138.4	161.7	185.5
65°	0.0	10.1	20.1	37.7	59.5	82.1	107.4	133.0	158.5	184.5	212.2
62.5°	0.0	11.0	22.0	43.8	67.7	93.8	121.6	149.9	178.0	207.5	240.8
60°	0.0	11.9	23.8	49.8	75.7	105.1	135.4	166.4	197.1	232.4	268.8
57.5°	0.0	12.8	27.6	55.6	84.4	116.2	149.3	182.4	217.8	256.5	295.1
55°	0.0	13.6	31.3	61.3	92.9	126.9	162.9	198.1	238.4	279.8	320.4
52.5°	0.0	14.5	34.9	66.8	101.1	137.4	176.1	215.3	258.3	301.9	344.9
50°	0.0	15.3	38.4	72.2	109.0	148.2	189.0	232.1	277.4	323.3	368.7
47.5°	0.0	16.1	41.7	77.5	116.6	158.7	201.8	248.3	295.7	343.9	391.6
45°	0.0	16.8	44.8	82.9	123.8	168.8	214.9	263.7	313.4	363.7	413.7
42.5°	0.0	17.5	47.9	88.0	130.7	178.6	227.4	278.4	330.2	382.7	434.6
40°	0.0	18.2	50.7	92.8	137.7	187.9	239.3	292.2	346.2	400.8	454.6
37.5°	0.0	18.9	53.4	97.3	144.8	196.9	250.5	305.3	361.7	418.3	474.0
35°	0.0	19.5	55.9	101.4	151.5	205.5	261.1	317.5	376.5	434.7	492.0
32.5°	0.0	20.1	58.2	105.3	157.9	213.8	270.9	328.9	390.5	450.0	507.8
30°	0.0	20.6	60.3	109.0	163.8	221.4	279.9	339.6	403.6	464.0	522.6
27.5°	0.0	21.1	62.3	112.3	169.1	228.4	288.2	350.1	415.6	476.9	536.2
25°	0.0	21.6	64.1	115.3	173.9	234.9	295.8	359.9	426.1	488.2	548.7
22.5°	0.0	22.0	65.7	118.1	178.2	240.5	302.6	368.8	435.5	498.3	560.0
20°	0.0	22.4	67.1	120.5	182.1	245.4	308.6	376.8	443.8	507.3	570.1
17.5°	0.0	22.7	68.3	122.6	185.5	249.6	314.0	384.0	451.0	515.1	579.0
15°	0.0	23.0	69.3	124.4	188.3	253.2	318.9	390.4	457.1	521.9	586.5
12.5°	0.0	23.2	70.1	125.9	190.7	256.2	323.1	396.1	462.6	527.5	592.8
10°	0.0	23.4	70.7	127.0	192.6	258.6	326.6	400.8	467.3	532.7	598.1
7.5°	0.0	23.6	71.2	127.9	194.0	260.3	329.4	404.4	470.9	536.9	602.8
5°	0.0	23.7	71.4	128.4	194.8	261.4	331.4	407.0	473.6	539.9	606.2
2.5°	0.0	23.8	71.5	128.6	195.2	261.8	332.6	408.6	475.2	541.7	608.2
0°	0.0	23.8	71.4	128.4	195.0	261.6	333.0	409.1	475.7	542.3	608.9
-2.5°	0.0	23.8	71.5	128.6	195.2	261.8	332.6	408.6	475.2	541.7	608.2
-5°	0.0	23.7	71.4	128.4	194.8	261.4	331.4	407.0	473.6	539.9	606.2
-7.5°	0.0	23.6	71.2	127.9	194.0	260.3	329.4	404.4	470.9	536.9	602.8
-10°	0.0	23.4	70.7	127.0	192.6	258.6	326.6	400.8	467.3	532.7	598.1
-12.5°	0.0	23.2	70.1	125.9	190.7	256.2	323.1	396.1	462.6	527.5	592.8
-15°	0.0	23.0	69.3	124.4	188.3	253.2	318.9	390.4	457.1	521.9	586.5
-17.5°	0.0	22.7	68.3	122.6	185.5	249.6	314.0	384.0	451.0	515.1	579.0
-20°	0.0	22.4	67.1	120.5	182.1	245.4	308.6	376.8	443.8	507.3	570.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627607 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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	22.0	65.7	118.1	178.2	240.5	302.6	368.8	435.5	498.3	560.0
-25°	0.0	21.6	64.1	115.3	173.9	234.9	295.8	359.9	426.1	488.2	548.7
-27.5°	0.0	21.1	62.3	112.3	169.1	228.4	288.2	350.1	415.6	476.9	536.2
-30°	0.0	20.6	60.3	109.0	163.8	221.4	279.9	339.6	403.6	464.0	522.6
-32.5°	0.0	20.1	58.2	105.3	157.9	213.8	270.9	328.9	390.5	450.0	507.8
-35°	0.0	19.5	55.9	101.4	151.5	205.5	261.1	317.5	376.5	434.7	492.0
-37.5°	0.0	18.9	53.4	97.3	144.8	196.9	250.5	305.3	361.7	418.3	474.0
-40°	0.0	18.2	50.7	92.8	137.7	187.9	239.3	292.2	346.2	400.8	454.6
-42.5°	0.0	17.5	47.9	88.0	130.7	178.6	227.4	278.4	330.2	382.7	434.6
-45°	0.0	16.8	44.8	82.9	123.8	168.8	214.9	263.7	313.4	363.7	413.7
-47.5°	0.0	16.1	41.7	77.5	116.6	158.7	201.8	248.3	295.7	343.9	391.6
-50°	0.0	15.3	38.4	72.2	109.0	148.2	189.0	232.1	277.4	323.3	368.7
-52.5°	0.0	14.5	34.9	66.8	101.1	137.4	176.1	215.3	258.3	301.9	344.9
-55°	0.0	13.6	31.3	61.3	92.9	126.9	162.9	198.1	238.4	279.8	320.4
-57.5°	0.0	12.8	27.6	55.6	84.4	116.2	149.3	182.4	217.8	256.5	295.1
-60°	0.0	11.9	23.8	49.8	75.7	105.1	135.4	166.4	197.1	232.4	268.8
-62.5°	0.0	11.0	22.0	43.8	67.7	93.8	121.6	149.9	178.0	207.5	240.8
-65°	0.0	10.1	20.1	37.7	59.5	82.1	107.4	133.0	158.5	184.5	212.2
-67.5°	0.0	9.1	18.2	31.4	51.2	70.9	92.9	115.8	138.4	161.7	185.5
-70°	0.0	8.1	16.3	25.0	42.7	60.3	78.0	98.4	118.6	138.4	159.3
-72.5°	0.0	7.2	14.3	21.4	34.1	49.6	64.9	80.7	98.4	115.8	133.0
-75°	0.0	6.2	12.3	18.4	25.4	38.7	51.9	65.1	78.0	93.0	107.7
-77.5°	0.0	5.1	10.3	15.4	20.5	27.7	38.7	50.1	61.0	71.2	82.2
-80°	0.0	4.1	8.3	12.4	16.4	20.5	25.4	35.0	44.1	52.8	61.0
-82.5°	0.0	3.1	6.2	9.3	12.4	15.4	18.4	22.4	27.3	34.3	41.0
-85°	0.0	2.1	4.1	6.2	8.3	10.3	12.3	15.0	17.8	20.9	24.0
-87.5°	0.0	1.0	2.1	3.1	4.1	5.1	6.2	7.5	8.9	10.5	12.0
-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: P627607 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-722-U-MWR-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°	13.2	14.2	15.3	16.3	17.3	18.3	19.3	20.1	21.0	21.8	22.6
85°	26.3	28.5	32.3	36.2	39.8	43.4	46.9	50.2	53.3	56.3	59.2
82.5°	47.1	53.3	59.6	66.0	71.6	77.0	82.2	87.6	93.0	98.4	103.7
80°	69.3	77.9	87.8	97.1	105.3	113.0	120.5	127.7	135.5	143.9	152.4
77.5°	94.9	107.2	118.7	129.4	139.8	151.1	162.1	172.6	183.6	194.4	204.8
75°	122.4	136.4	151.1	165.5	179.6	193.2	206.5	220.1	233.8	247.4	260.4
72.5°	150.7	168.5	185.8	202.7	220.1	237.2	253.7	269.5	285.8	302.5	318.5
70°	180.2	200.4	221.8	242.4	262.1	282.0	302.1	321.4	340.3	359.7	378.8
67.5°	209.9	235.3	259.4	282.3	305.5	328.9	351.5	374.6	397.0	419.5	441.0
65°	242.6	270.4	296.7	322.9	349.2	376.7	403.4	429.3	455.2	480.3	502.9
62.5°	274.6	304.2	333.3	363.1	394.5	425.3	454.6	484.2	514.3	540.6	563.5
60°	304.1	336.9	369.5	403.5	438.2	471.3	504.1	536.3	568.7	598.9	617.6
57.5°	332.6	368.9	405.0	441.6	478.1	515.1	549.5	584.9	615.0	640.5	662.2
55°	360.4	399.7	438.2	476.6	516.0	554.7	592.1	625.8	655.2	676.5	697.4
52.5°	387.4	428.8	468.6	510.1	552.0	593.0	632.2	663.4	687.5	709.3	728.8
50°	413.5	455.7	497.7	542.7	586.9	630.4	667.2	694.5	719.0	740.2	760.7
47.5°	438.1	482.0	526.9	574.2	620.8	662.8	696.6	725.1	750.2	773.1	797.3
45°	461.7	508.3	555.7	604.6	652.1	692.7	725.3	756.0	779.6	805.3	833.1
42.5°	484.6	533.6	583.3	633.7	681.8	719.7	752.2	780.4	808.0	838.6	872.1
40°	506.4	557.5	609.3	661.8	709.7	743.3	775.1	805.1	838.6	874.9	913.7
37.5°	526.8	579.9	633.6	688.2	730.3	764.9	797.5	830.8	869.8	911.9	964.6
35°	545.9	600.7	656.3	708.7	748.7	785.4	819.1	856.3	901.9	956.9	1024.3
32.5°	563.6	620.0	677.2	725.3	765.6	803.7	838.4	884.9	939.6	1005.0	1100.6
30°	579.9	637.7	695.1	741.5	780.9	819.2	861.4	913.7	977.7	1073.3	1195.6
27.5°	595.1	653.7	709.1	755.1	794.6	834.0	883.5	946.9	1031.1	1145.1	1297.2
25°	609.0	669.0	722.5	766.5	807.3	851.0	904.7	976.0	1086.8	1234.1	1439.5
22.5°	621.6	682.9	735.3	776.3	819.1	866.5	929.2	1018.3	1146.1	1318.0	1583.1
20°	632.8	693.3	745.0	785.6	830.1	879.4	951.0	1058.5	1212.6	1435.3	1773.5
17.5°	642.7	702.5	752.2	794.5	840.8	893.9	972.3	1093.3	1271.7	1537.5	1966.1
15°	651.1	710.3	758.3	802.1	850.1	910.6	1001.8	1138.8	1340.3	1643.9	2133.9
12.5°	658.1	716.7	763.3	808.3	857.8	924.6	1027.1	1181.7	1411.5	1774.6	2381.2
10°	663.6	721.8	767.1	813.2	863.7	935.7	1047.6	1216.8	1470.5	1887.7	2592.1
7.5°	668.7	725.5	769.7	816.6	868.0	944.0	1063.2	1243.8	1515.8	1976.6	2759.0
5°	672.5	727.7	771.2	818.6	871.6	949.5	1073.8	1262.5	1547.1	2040.1	2876.5
2.5°	674.7	728.5	771.5	819.1	874.3	951.9	1079.4	1272.9	1571.6	2070.2	2939.6
0°	675.5	727.8	770.6	818.2	875.2	951.3	1079.8	1274.8	1584.0	2069.2	2949.1
-2.5°	674.7	728.5	771.5	819.1	874.3	951.9	1079.4	1272.9	1571.6	2070.2	2939.6
-5°	672.5	727.7	771.2	818.6	871.6	949.5	1073.8	1262.5	1547.1	2040.1	2876.5
-7.5°	668.7	725.5	769.7	816.6	868.0	944.0	1063.2	1243.8	1515.8	1976.6	2759.0
-10°	663.6	721.8	767.1	813.2	863.7	935.7	1047.6	1216.8	1470.5	1887.7	2592.1
-12.5°	658.1	716.7	763.3	808.3	857.8	924.6	1027.1	1181.7	1411.5	1774.6	2381.2
-15°	651.1	710.3	758.3	802.1	850.1	910.6	1001.8	1138.8	1340.3	1643.9	2133.9
-17.5°	642.7	702.5	752.2	794.5	840.8	893.9	972.3	1093.3	1271.7	1537.5	1966.1
-20°	632.8	693.3	745.0	785.6	830.1	879.4	951.0	1058.5	1212.6	1435.3	1773.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627607 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	621.6	682.9	735.3	776.3	819.1	866.5	929.2	1018.3	1146.1	1318.0	1583.1
-25°	609.0	669.0	722.5	766.5	807.3	851.0	904.7	976.0	1086.8	1234.1	1439.5
-27.5°	595.1	653.7	709.1	755.1	794.6	834.0	883.5	946.9	1031.1	1145.1	1297.2
-30°	579.9	637.7	695.1	741.5	780.9	819.2	861.4	913.7	977.7	1073.3	1195.6
-32.5°	563.6	620.0	677.2	725.3	765.6	803.7	838.4	884.9	939.6	1005.0	1100.6
-35°	545.9	600.7	656.3	708.7	748.7	785.4	819.1	856.3	901.9	956.9	1024.3
-37.5°	526.8	579.9	633.6	688.2	730.3	764.9	797.5	830.8	869.8	911.9	964.6
-40°	506.4	557.5	609.3	661.8	709.7	743.3	775.1	805.1	838.6	874.9	913.7
-42.5°	484.6	533.6	583.3	633.7	681.8	719.7	752.2	780.4	808.0	838.6	872.1
-45°	461.7	508.3	555.7	604.6	652.1	692.7	725.3	756.0	779.6	805.3	833.1
-47.5°	438.1	482.0	526.9	574.2	620.8	662.8	696.6	725.1	750.2	773.1	797.3
-50°	413.5	455.7	497.7	542.7	586.9	630.4	667.2	694.5	719.0	740.2	760.7
-52.5°	387.4	428.8	468.6	510.1	552.0	593.0	632.2	663.4	687.5	709.3	728.8
-55°	360.4	399.7	438.2	476.6	516.0	554.7	592.1	625.8	655.2	676.5	697.4
-57.5°	332.6	368.9	405.0	441.6	478.1	515.1	549.5	584.9	615.0	640.5	662.2
-60°	304.1	336.9	369.5	403.5	438.2	471.3	504.1	536.3	568.7	598.9	617.6
-62.5°	274.6	304.2	333.3	363.1	394.5	425.3	454.6	484.2	514.3	540.6	563.5
-65°	242.6	270.4	296.7	322.9	349.2	376.7	403.4	429.3	455.2	480.3	502.9
-67.5°	209.9	235.3	259.4	282.3	305.5	328.9	351.5	374.6	397.0	419.5	441.0
-70°	180.2	200.4	221.8	242.4	262.1	282.0	302.1	321.4	340.3	359.7	378.8
-72.5°	150.7	168.5	185.8	202.7	220.1	237.2	253.7	269.5	285.8	302.5	318.5
-75°	122.4	136.4	151.1	165.5	179.6	193.2	206.5	220.1	233.8	247.4	260.4
-77.5°	94.9	107.2	118.7	129.4	139.8	151.1	162.1	172.6	183.6	194.4	204.8
-80°	69.3	77.9	87.8	97.1	105.3	113.0	120.5	127.7	135.5	143.9	152.4
-82.5°	47.1	53.3	59.6	66.0	71.6	77.0	82.2	87.6	93.0	98.4	103.7
-85°	26.3	28.5	32.3	36.2	39.8	43.4	46.9	50.2	53.3	56.3	59.2
-87.5°	13.2	14.2	15.3	16.3	17.3	18.3	19.3	20.1	21.0	21.8	22.6
-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: P627607 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-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°	23.3	23.1	22.7	22.2	21.6	23.1	24.6	26.1	27.5	26.7	25.8
85°	61.9	63.3	64.5	65.5	66.3	69.3	72.1	74.8	77.3	77.2	76.9
82.5°	109.0	112.4	115.4	118.1	120.5	124.0	127.1	129.8	132.0	133.7	135.2
80°	160.6	166.2	171.1	175.5	179.5	184.0	188.3	192.1	195.3	197.1	198.3
77.5°	215.0	223.4	230.8	237.9	244.6	251.2	257.3	262.7	267.4	268.6	268.3
75°	272.8	283.9	294.4	304.1	313.1	320.8	327.3	332.8	337.3	339.5	340.7
72.5°	333.6	347.4	359.7	370.8	380.4	388.3	395.1	401.1	406.1	409.3	411.2
70°	397.0	413.3	425.9	436.4	444.6	452.5	461.3	469.8	477.7	482.2	483.9
67.5°	460.6	477.5	489.1	498.6	506.1	513.9	525.0	535.1	544.0	550.0	553.9
65°	522.9	540.6	552.3	561.4	568.3	576.1	588.5	598.5	606.1	612.1	617.6
62.5°	584.4	602.3	615.3	626.1	636.1	644.7	654.9	663.3	669.8	675.7	682.5
60°	637.7	658.9	672.5	683.5	695.9	709.2	716.8	723.1	728.5	733.3	737.5
57.5°	681.2	700.2	717.6	730.9	743.7	756.2	765.1	771.0	775.7	779.3	780.7
55°	717.7	737.2	756.7	771.1	783.7	795.3	805.1	812.8	819.1	824.1	825.3
52.5°	750.3	772.3	791.4	807.9	824.7	838.3	849.0	859.5	868.6	875.9	879.1
50°	785.8	808.8	832.7	854.9	872.6	888.3	901.3	916.0	931.6	944.4	952.5
47.5°	823.2	849.7	878.5	905.8	926.9	950.0	971.6	993.5	1022.4	1046.7	1064.6
45°	862.2	896.2	929.1	963.8	992.9	1036.6	1077.2	1112.1	1158.3	1200.3	1233.7
42.5°	908.3	950.7	991.1	1046.6	1104.6	1164.3	1228.8	1283.8	1356.2	1429.9	1489.4
40°	963.0	1017.2	1088.3	1162.8	1254.4	1336.5	1447.8	1547.0	1658.1	1798.5	1914.5
37.5°	1028.8	1112.2	1211.2	1315.0	1457.9	1594.5	1778.5	1972.4	2148.4	2418.5	2645.7
35°	1114.3	1230.8	1361.2	1544.9	1747.2	2003.1	2290.1	2664.7	2986.0	3441.6	3877.0
32.5°	1224.4	1374.2	1587.1	1870.7	2169.8	2634.3	3089.8	3740.2	4342.5	5064.6	5844.0
30°	1347.0	1575.0	1900.2	2289.2	2847.0	3530.5	4333.4	5332.3	6425.5	7440.5	8440.8
27.5°	1524.6	1851.3	2278.6	2906.2	3775.5	4731.7	6138.6	7494.6	8909.3	10166.9	11215.7
25°	1731.9	2163.6	2824.4	3748.6	4924.2	6561.7	8245.8	9919.4	11440.8	12757.3	13916.1
22.5°	1999.6	2620.6	3501.5	4698.6	6529.3	8491.8	10466.7	12312.6	13935.5	15401.5	16656.0
20°	2290.9	3067.9	4325.9	6111.0	8204.5	10440.4	12670.3	14636.6	16423.5	18085.7	19499.6
17.5°	2660.0	3748.2	5341.2	7482.7	9903.1	12352.9	14695.5	16829.3	18856.6	20615.5	22092.7
15°	2974.6	4347.3	6426.5	8937.9	11556.0	14140.2	16613.3	18931.1	21038.8	22843.5	24232.2
12.5°	3394.2	5018.8	7390.0	10189.0	13026.1	15745.2	18350.2	20745.7	22890.7	24675.6	25756.7
10°	3790.9	5714.0	8321.2	11240.2	14187.7	17084.8	19866.2	22323.1	24314.6	25734.5	26655.7
7.5°	4128.1	6311.4	9078.7	12089.9	15110.6	18139.5	20955.1	23345.5	25181.8	26367.6	27008.9
5°	4379.9	6758.0	9641.0	12780.3	15880.0	18962.1	21755.7	23999.7	25586.9	26467.7	26789.8
2.5°	4540.3	7020.3	9967.3	13233.3	16395.0	19482.6	22304.8	24513.7	25860.3	26444.2	26499.6
0°	4604.5	7054.2	10017.6	13470.9	16524.7	19630.9	22461.1	24725.3	25962.0	26442.4	26432.9
-2.5°	4540.3	7020.3	9967.3	13233.3	16395.0	19482.6	22304.8	24513.7	25860.3	26444.2	26499.6
-5°	4379.9	6758.0	9641.0	12780.3	15880.0	18962.1	21755.7	23999.7	25586.9	26467.7	26789.8
-7.5°	4128.1	6311.4	9078.7	12089.9	15110.6	18139.5	20955.1	23345.5	25181.8	26367.6	27008.9
-10°	3790.9	5714.0	8321.2	11240.2	14187.7	17084.8	19866.2	22323.1	24314.6	25734.5	26655.7
-12.5°	3394.2	5018.8	7390.0	10189.0	13026.1	15745.2	18350.2	20745.7	22890.7	24675.6	25756.7
-15°	2974.6	4347.3	6426.5	8937.9	11556.0	14140.2	16613.3	18931.1	21038.8	22843.5	24232.2
-17.5°	2660.0	3748.2	5341.2	7482.7	9903.1	12352.9	14695.5	16829.3	18856.6	20615.5	22092.7
-20°	2290.9	3067.9	4325.9	6111.0	8204.5	10440.4	12670.3	14636.6	16423.5	18085.7	19499.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627607 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	1999.6	2620.6	3501.5	4698.6	6529.3	8491.8	10466.7	12312.6	13935.5	15401.5	16656.0
-25°	1731.9	2163.6	2824.4	3748.6	4924.2	6561.7	8245.8	9919.4	11440.8	12757.3	13916.1
-27.5°	1524.6	1851.3	2278.6	2906.2	3775.5	4731.7	6138.6	7494.6	8909.3	10166.9	11215.7
-30°	1347.0	1575.0	1900.2	2289.2	2847.0	3530.5	4333.4	5332.3	6425.5	7440.5	8440.8
-32.5°	1224.4	1374.2	1587.1	1870.7	2169.8	2634.3	3089.8	3740.2	4342.5	5064.6	5844.0
-35°	1114.3	1230.8	1361.2	1544.9	1747.2	2003.1	2290.1	2664.7	2986.0	3441.6	3877.0
-37.5°	1028.8	1112.2	1211.2	1315.0	1457.9	1594.5	1778.5	1972.4	2148.4	2418.5	2645.7
-40°	963.0	1017.2	1088.3	1162.8	1254.4	1336.5	1447.8	1547.0	1658.1	1798.5	1914.5
-42.5°	908.3	950.7	991.1	1046.6	1104.6	1164.3	1228.8	1283.8	1356.2	1429.9	1489.4
-45°	862.2	896.2	929.1	963.8	992.9	1036.6	1077.2	1112.1	1158.3	1200.3	1233.7
-47.5°	823.2	849.7	878.5	905.8	926.9	950.0	971.6	993.5	1022.4	1046.7	1064.6
-50°	785.8	808.8	832.7	854.9	872.6	888.3	901.3	916.0	931.6	944.4	952.5
-52.5°	750.3	772.3	791.4	807.9	824.7	838.3	849.0	859.5	868.6	875.9	879.1
-55°	717.7	737.2	756.7	771.1	783.7	795.3	805.1	812.8	819.1	824.1	825.3
-57.5°	681.2	700.2	717.6	730.9	743.7	756.2	765.1	771.0	775.7	779.3	780.7
-60°	637.7	658.9	672.5	683.5	695.9	709.2	716.8	723.1	728.5	733.3	737.5
-62.5°	584.4	602.3	615.3	626.1	636.1	644.7	654.9	663.3	669.8	675.7	682.5
-65°	522.9	540.6	552.3	561.4	568.3	576.1	588.5	598.5	606.1	612.1	617.6
-67.5°	460.6	477.5	489.1	498.6	506.1	513.9	525.0	535.1	544.0	550.0	553.9
-70°	397.0	413.3	425.9	436.4	444.6	452.5	461.3	469.8	477.7	482.2	483.9
-72.5°	333.6	347.4	359.7	370.8	380.4	388.3	395.1	401.1	406.1	409.3	411.2
-75°	272.8	283.9	294.4	304.1	313.1	320.8	327.3	332.8	337.3	339.5	340.7
-77.5°	215.0	223.4	230.8	237.9	244.6	251.2	257.3	262.7	267.4	268.6	268.3
-80°	160.6	166.2	171.1	175.5	179.5	184.0	188.3	192.1	195.3	197.1	198.3
-82.5°	109.0	112.4	115.4	118.1	120.5	124.0	127.1	129.8	132.0	133.7	135.2
-85°	61.9	63.3	64.5	65.5	66.3	69.3	72.1	74.8	77.3	77.2	76.9
-87.5°	23.3	23.1	22.7	22.2	21.6	23.1	24.6	26.1	27.5	26.7	25.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627607 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	24.8	23.7	23.8	23.8	23.8	23.7	24.8	25.8	26.7	27.5	26.1
85°	76.4	75.7	73.7	71.4	73.7	75.7	76.4	76.9	77.2	77.3	74.8
82.5°	136.3	137.2	135.4	133.2	135.4	137.2	136.3	135.2	133.7	132.0	129.8
80°	198.8	198.9	197.2	195.0	197.2	198.9	198.8	198.3	197.1	195.3	192.1
77.5°	267.2	265.3	266.1	266.4	266.1	265.3	267.2	268.3	268.6	267.4	262.7
75°	341.2	340.9	339.8	337.7	339.8	340.9	341.2	340.7	339.5	337.3	332.8
72.5°	412.1	412.1	411.1	409.1	411.1	412.1	412.1	411.2	409.3	406.1	401.1
70°	484.3	483.4	484.6	485.2	484.6	483.4	484.3	483.9	482.2	477.7	469.8
67.5°	556.8	558.8	558.4	556.5	558.4	558.8	556.8	553.9	550.0	544.0	535.1
65°	622.0	625.2	627.2	627.9	627.2	625.2	622.0	617.6	612.1	606.1	598.5
62.5°	687.7	691.5	691.7	689.7	691.7	691.5	687.7	682.5	675.7	669.8	663.3
60°	739.7	740.3	739.4	737.3	739.4	740.3	739.7	737.5	733.3	728.5	723.1
57.5°	780.7	779.3	777.6	775.3	777.6	779.3	780.7	780.7	779.3	775.7	771.0
55°	824.6	822.3	820.4	818.2	820.4	822.3	824.6	825.3	824.1	819.1	812.8
52.5°	879.8	878.6	877.3	875.2	877.3	878.6	879.8	879.1	875.9	868.6	859.5
50°	956.7	957.9	957.8	956.1	957.8	957.9	956.7	952.5	944.4	931.6	916.0
47.5°	1076.0	1082.4	1086.7	1089.3	1086.7	1082.4	1076.0	1064.6	1046.7	1022.4	993.5
45°	1255.0	1267.7	1276.7	1284.3	1276.7	1267.7	1255.0	1233.7	1200.3	1158.3	1112.1
42.5°	1531.2	1559.7	1573.1	1569.7	1573.1	1559.7	1531.2	1489.4	1429.9	1356.2	1283.8
40°	1991.8	2037.7	2063.2	2083.4	2063.2	2037.7	1991.8	1914.5	1798.5	1658.1	1547.0
37.5°	2800.9	2890.0	2936.9	2977.7	2936.9	2890.0	2800.9	2645.7	2418.5	2148.4	1972.4
35°	4202.3	4402.8	4510.1	4547.4	4510.1	4402.8	4202.3	3877.0	3441.6	2986.0	2664.7
32.5°	6450.5	6820.2	7024.6	7182.6	7024.6	6820.2	6450.5	5844.0	5064.6	4342.5	3740.2
30°	9232.8	9719.7	9990.2	10122.2	9990.2	9719.7	9232.8	8440.8	7440.5	6425.5	5332.3
27.5°	12085.0	12638.6	12930.2	12914.4	12930.2	12638.6	12085.0	11215.7	10166.9	8909.3	7494.6
25°	14909.6	15550.8	15841.3	16101.4	15841.3	15550.8	14909.6	13916.1	12757.3	11440.8	9919.4
22.5°	17766.4	18516.2	18925.3	19117.1	18925.3	18516.2	17766.4	16656.0	15401.5	13935.5	12312.6
20°	20589.1	21423.8	21858.1	22047.3	21858.1	21423.8	20589.1	19499.6	18085.7	16423.5	14636.6
17.5°	23092.7	23907.5	24321.5	24497.0	24321.5	23907.5	23092.7	22092.7	20615.5	18856.6	16829.3
15°	25091.7	25692.7	26044.8	26138.0	26044.8	25692.7	25091.7	24232.2	22843.5	21038.8	18931.1
12.5°	26473.5	26706.3	26875.6	26927.6	26875.6	26706.3	26473.5	25756.7	24675.6	22890.7	20745.7
10°	27179.9	27074.9	27031.5	27037.0	27031.5	27074.9	27179.9	26655.7	25734.5	24314.6	22323.1
7.5°	27131.4	26975.8	26663.4	26613.7	26663.4	26975.8	27131.4	27008.9	26367.6	25181.8	23345.5
5°	26741.6	26458.4	25939.8	25790.8	25939.8	26458.4	26741.6	26789.8	26467.7	25586.9	23999.7
2.5°	26287.3	25776.7	25299.0	24991.7	25299.0	25776.7	26287.3	26499.6	26444.2	25860.3	24513.7
0°	26152.3	25562.5	24944.1	24744.3	24944.1	25562.5	26152.3	26432.9	26442.4	25962.0	24725.3
-2.5°	26287.3	25776.7	25299.0	24991.7	25299.0	25776.7	26287.3	26499.6	26444.2	25860.3	24513.7
-5°	26741.6	26458.4	25939.8	25790.8	25939.8	26458.4	26741.6	26789.8	26467.7	25586.9	23999.7
-7.5°	27131.4	26975.8	26663.4	26613.7	26663.4	26975.8	27131.4	27008.9	26367.6	25181.8	23345.5
-10°	27179.9	27074.9	27031.5	27037.0	27031.5	27074.9	27179.9	26655.7	25734.5	24314.6	22323.1
-12.5°	26473.5	26706.3	26875.6	26927.6	26875.6	26706.3	26473.5	25756.7	24675.6	22890.7	20745.7
-15°	25091.7	25692.7	26044.8	26138.0	26044.8	25692.7	25091.7	24232.2	22843.5	21038.8	18931.1
-17.5°	23092.7	23907.5	24321.5	24497.0	24321.5	23907.5	23092.7	22092.7	20615.5	18856.6	16829.3
-20°	20589.1	21423.8	21858.1	22047.3	21858.1	21423.8	20589.1	19499.6	18085.7	16423.5	14636.6



REPORT NUMBER: P627607 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	17766.4	18516.2	18925.3	19117.1	18925.3	18516.2	17766.4	16656.0	15401.5	13935.5	12312.6
-25°	14909.6	15550.8	15841.3	16101.4	15841.3	15550.8	14909.6	13916.1	12757.3	11440.8	9919.4
-27.5°	12085.0	12638.6	12930.2	12914.4	12930.2	12638.6	12085.0	11215.7	10166.9	8909.3	7494.6
-30°	9232.8	9719.7	9990.2	10122.2	9990.2	9719.7	9232.8	8440.8	7440.5	6425.5	5332.3
-32.5°	6450.5	6820.2	7024.6	7182.6	7024.6	6820.2	6450.5	5844.0	5064.6	4342.5	3740.2
-35°	4202.3	4402.8	4510.1	4547.4	4510.1	4402.8	4202.3	3877.0	3441.6	2986.0	2664.7
-37.5°	2800.9	2890.0	2936.9	2977.7	2936.9	2890.0	2800.9	2645.7	2418.5	2148.4	1972.4
-40°	1991.8	2037.7	2063.2	2083.4	2063.2	2037.7	1991.8	1914.5	1798.5	1658.1	1547.0
-42.5°	1531.2	1559.7	1573.1	1569.7	1573.1	1559.7	1531.2	1489.4	1429.9	1356.2	1283.8
-45°	1255.0	1267.7	1276.7	1284.3	1276.7	1267.7	1255.0	1233.7	1200.3	1158.3	1112.1
-47.5°	1076.0	1082.4	1086.7	1089.3	1086.7	1082.4	1076.0	1064.6	1046.7	1022.4	993.5
-50°	956.7	957.9	957.8	956.1	957.8	957.9	956.7	952.5	944.4	931.6	916.0
-52.5°	879.8	878.6	877.3	875.2	877.3	878.6	879.8	879.1	875.9	868.6	859.5
-55°	824.6	822.3	820.4	818.2	820.4	822.3	824.6	825.3	824.1	819.1	812.8
-57.5°	780.7	779.3	777.6	775.3	777.6	779.3	780.7	780.7	779.3	775.7	771.0
-60°	739.7	740.3	739.4	737.3	739.4	740.3	739.7	737.5	733.3	728.5	723.1
-62.5°	687.7	691.5	691.7	689.7	691.7	691.5	687.7	682.5	675.7	669.8	663.3
-65°	622.0	625.2	627.2	627.9	627.2	625.2	622.0	617.6	612.1	606.1	598.5
-67.5°	556.8	558.8	558.4	556.5	558.4	558.8	556.8	553.9	550.0	544.0	535.1
-70°	484.3	483.4	484.6	485.2	484.6	483.4	484.3	483.9	482.2	477.7	469.8
-72.5°	412.1	412.1	411.1	409.1	411.1	412.1	412.1	411.2	409.3	406.1	401.1
-75°	341.2	340.9	339.8	337.7	339.8	340.9	341.2	340.7	339.5	337.3	332.8
-77.5°	267.2	265.3	266.1	266.4	266.1	265.3	267.2	268.3	268.6	267.4	262.7
-80°	198.8	198.9	197.2	195.0	197.2	198.9	198.8	198.3	197.1	195.3	192.1
-82.5°	136.3	137.2	135.4	133.2	135.4	137.2	136.3	135.2	133.7	132.0	129.8
-85°	76.4	75.7	73.7	71.4	73.7	75.7	76.4	76.9	77.2	77.3	74.8
-87.5°	24.8	23.7	23.8	23.8	23.8	23.7	24.8	25.8	26.7	27.5	26.1
-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: P627607 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	24.6	23.1	21.6	22.2	22.7	23.1	23.3	22.6	21.8	21.0	20.1
85°	72.1	69.3	66.3	65.5	64.5	63.3	61.9	59.2	56.3	53.3	50.2
82.5°	127.1	124.0	120.5	118.1	115.4	112.4	109.0	103.7	98.4	93.0	87.6
80°	188.3	184.0	179.5	175.5	171.1	166.2	160.6	152.4	143.9	135.5	127.7
77.5°	257.3	251.2	244.6	237.9	230.8	223.4	215.0	204.8	194.4	183.6	172.6
75°	327.3	320.8	313.1	304.1	294.4	283.9	272.8	260.4	247.4	233.8	220.1
72.5°	395.1	388.3	380.4	370.8	359.7	347.4	333.6	318.5	302.5	285.8	269.5
70°	461.3	452.5	444.6	436.4	425.9	413.3	397.0	378.8	359.7	340.3	321.4
67.5°	525.0	513.9	506.1	498.6	489.1	477.5	460.6	441.0	419.5	397.0	374.6
65°	588.5	576.1	568.3	561.4	552.3	540.6	522.9	502.9	480.3	455.2	429.3
62.5°	654.9	644.7	636.1	626.1	615.3	602.3	584.4	563.5	540.6	514.3	484.2
60°	716.8	709.2	695.9	683.5	672.5	658.9	637.7	617.6	598.9	568.7	536.3
57.5°	765.1	756.2	743.7	730.9	717.6	700.2	681.2	662.2	640.5	615.0	584.9
55°	805.1	795.3	783.7	771.1	756.7	737.2	717.7	697.4	676.5	655.2	625.8
52.5°	849.0	838.3	824.7	807.9	791.4	772.3	750.3	728.8	709.3	687.5	663.4
50°	901.3	888.3	872.6	854.9	832.7	808.8	785.8	760.7	740.2	719.0	694.5
47.5°	971.6	950.0	926.9	905.8	878.5	849.7	823.2	797.3	773.1	750.2	725.1
45°	1077.2	1036.6	992.9	963.8	929.1	896.2	862.2	833.1	805.3	779.6	756.0
42.5°	1228.8	1164.3	1104.6	1046.6	991.1	950.7	908.3	872.1	838.6	808.0	780.4
40°	1447.8	1336.5	1254.4	1162.8	1088.3	1017.2	963.0	913.7	874.9	838.6	805.1
37.5°	1778.5	1594.5	1457.9	1315.0	1211.2	1112.2	1028.8	964.6	911.9	869.8	830.8
35°	2290.1	2003.1	1747.2	1544.9	1361.2	1230.8	1114.3	1024.3	956.9	901.9	856.3
32.5°	3089.8	2634.3	2169.8	1870.7	1587.1	1374.2	1224.4	1100.6	1005.0	939.6	884.9
30°	4333.4	3530.5	2847.0	2289.2	1900.2	1575.0	1347.0	1195.6	1073.3	977.7	913.7
27.5°	6138.6	4731.7	3775.5	2906.2	2278.6	1851.3	1524.6	1297.2	1145.1	1031.1	946.9
25°	8245.8	6561.7	4924.2	3748.6	2824.4	2163.6	1731.9	1439.5	1234.1	1086.8	976.0
22.5°	10466.7	8491.8	6529.3	4698.6	3501.5	2620.6	1999.6	1583.1	1318.0	1146.1	1018.3
20°	12670.3	10440.4	8204.5	6111.0	4325.9	3067.9	2290.9	1773.5	1435.3	1212.6	1058.5
17.5°	14695.5	12352.9	9903.1	7482.7	5341.2	3748.2	2660.0	1966.1	1537.5	1271.7	1093.3
15°	16613.3	14140.2	11556.0	8937.9	6426.5	4347.3	2974.6	2133.9	1643.9	1340.3	1138.8
12.5°	18350.2	15745.2	13026.1	10189.0	7390.0	5018.8	3394.2	2381.2	1774.6	1411.5	1181.7
10°	19866.2	17084.8	14187.7	11240.2	8321.2	5714.0	3790.9	2592.1	1887.7	1470.5	1216.8
7.5°	20955.1	18139.5	15110.6	12089.9	9078.7	6311.4	4128.1	2759.0	1976.6	1515.8	1243.8
5°	21755.7	18962.1	15880.0	12780.3	9641.0	6758.0	4379.9	2876.5	2040.1	1547.1	1262.5
2.5°	22304.8	19482.6	16395.0	13233.3	9967.3	7020.3	4540.3	2939.6	2070.2	1571.6	1272.9
0°	22461.1	19630.9	16524.7	13470.9	10017.6	7054.2	4604.5	2949.1	2069.2	1584.0	1274.8
-2.5°	22304.8	19482.6	16395.0	13233.3	9967.3	7020.3	4540.3	2939.6	2070.2	1571.6	1272.9
-5°	21755.7	18962.1	15880.0	12780.3	9641.0	6758.0	4379.9	2876.5	2040.1	1547.1	1262.5
-7.5°	20955.1	18139.5	15110.6	12089.9	9078.7	6311.4	4128.1	2759.0	1976.6	1515.8	1243.8
-10°	19866.2	17084.8	14187.7	11240.2	8321.2	5714.0	3790.9	2592.1	1887.7	1470.5	1216.8
-12.5°	18350.2	15745.2	13026.1	10189.0	7390.0	5018.8	3394.2	2381.2	1774.6	1411.5	1181.7
-15°	16613.3	14140.2	11556.0	8937.9	6426.5	4347.3	2974.6	2133.9	1643.9	1340.3	1138.8
-17.5°	14695.5	12352.9	9903.1	7482.7	5341.2	3748.2	2660.0	1966.1	1537.5	1271.7	1093.3
-20°	12670.3	10440.4	8204.5	6111.0	4325.9	3067.9	2290.9	1773.5	1435.3	1212.6	1058.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627607 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	10466.7	8491.8	6529.3	4698.6	3501.5	2620.6	1999.6	1583.1	1318.0	1146.1	1018.3
-25°	8245.8	6561.7	4924.2	3748.6	2824.4	2163.6	1731.9	1439.5	1234.1	1086.8	976.0
-27.5°	6138.6	4731.7	3775.5	2906.2	2278.6	1851.3	1524.6	1297.2	1145.1	1031.1	946.9
-30°	4333.4	3530.5	2847.0	2289.2	1900.2	1575.0	1347.0	1195.6	1073.3	977.7	913.7
-32.5°	3089.8	2634.3	2169.8	1870.7	1587.1	1374.2	1224.4	1100.6	1005.0	939.6	884.9
-35°	2290.1	2003.1	1747.2	1544.9	1361.2	1230.8	1114.3	1024.3	956.9	901.9	856.3
-37.5°	1778.5	1594.5	1457.9	1315.0	1211.2	1112.2	1028.8	964.6	911.9	869.8	830.8
-40°	1447.8	1336.5	1254.4	1162.8	1088.3	1017.2	963.0	913.7	874.9	838.6	805.1
-42.5°	1228.8	1164.3	1104.6	1046.6	991.1	950.7	908.3	872.1	838.6	808.0	780.4
-45°	1077.2	1036.6	992.9	963.8	929.1	896.2	862.2	833.1	805.3	779.6	756.0
-47.5°	971.6	950.0	926.9	905.8	878.5	849.7	823.2	797.3	773.1	750.2	725.1
-50°	901.3	888.3	872.6	854.9	832.7	808.8	785.8	760.7	740.2	719.0	694.5
-52.5°	849.0	838.3	824.7	807.9	791.4	772.3	750.3	728.8	709.3	687.5	663.4
-55°	805.1	795.3	783.7	771.1	756.7	737.2	717.7	697.4	676.5	655.2	625.8
-57.5°	765.1	756.2	743.7	730.9	717.6	700.2	681.2	662.2	640.5	615.0	584.9
-60°	716.8	709.2	695.9	683.5	672.5	658.9	637.7	617.6	598.9	568.7	536.3
-62.5°	654.9	644.7	636.1	626.1	615.3	602.3	584.4	563.5	540.6	514.3	484.2
-65°	588.5	576.1	568.3	561.4	552.3	540.6	522.9	502.9	480.3	455.2	429.3
-67.5°	525.0	513.9	506.1	498.6	489.1	477.5	460.6	441.0	419.5	397.0	374.6
-70°	461.3	452.5	444.6	436.4	425.9	413.3	397.0	378.8	359.7	340.3	321.4
-72.5°	395.1	388.3	380.4	370.8	359.7	347.4	333.6	318.5	302.5	285.8	269.5
-75°	327.3	320.8	313.1	304.1	294.4	283.9	272.8	260.4	247.4	233.8	220.1
-77.5°	257.3	251.2	244.6	237.9	230.8	223.4	215.0	204.8	194.4	183.6	172.6
-80°	188.3	184.0	179.5	175.5	171.1	166.2	160.6	152.4	143.9	135.5	127.7
-82.5°	127.1	124.0	120.5	118.1	115.4	112.4	109.0	103.7	98.4	93.0	87.6
-85°	72.1	69.3	66.3	65.5	64.5	63.3	61.9	59.2	56.3	53.3	50.2
-87.5°	24.6	23.1	21.6	22.2	22.7	23.1	23.3	22.6	21.8	21.0	20.1
-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: P627607 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	19.3	18.3	17.3	16.3	15.3	14.2	13.2	12.0	10.5	8.9	7.5
85°	46.9	43.4	39.8	36.2	32.3	28.5	26.3	24.0	20.9	17.8	15.0
82.5°	82.2	77.0	71.6	66.0	59.6	53.3	47.1	41.0	34.3	27.3	22.4
80°	120.5	113.0	105.3	97.1	87.8	77.9	69.3	61.0	52.8	44.1	35.0
77.5°	162.1	151.1	139.8	129.4	118.7	107.2	94.9	82.2	71.2	61.0	50.1
75°	206.5	193.2	179.6	165.5	151.1	136.4	122.4	107.7	93.0	78.0	65.1
72.5°	253.7	237.2	220.1	202.7	185.8	168.5	150.7	133.0	115.8	98.4	80.7
70°	302.1	282.0	262.1	242.4	221.8	200.4	180.2	159.3	138.4	118.6	98.4
67.5°	351.5	328.9	305.5	282.3	259.4	235.3	209.9	185.5	161.7	138.4	115.8
65°	403.4	376.7	349.2	322.9	296.7	270.4	242.6	212.2	184.5	158.5	133.0
62.5°	454.6	425.3	394.5	363.1	333.3	304.2	274.6	240.8	207.5	178.0	149.9
60°	504.1	471.3	438.2	403.5	369.5	336.9	304.1	268.8	232.4	197.1	166.4
57.5°	549.5	515.1	478.1	441.6	405.0	368.9	332.6	295.1	256.5	217.8	182.4
55°	592.1	554.7	516.0	476.6	438.2	399.7	360.4	320.4	279.8	238.4	198.1
52.5°	632.2	593.0	552.0	510.1	468.6	428.8	387.4	344.9	301.9	258.3	215.3
50°	667.2	630.4	586.9	542.7	497.7	455.7	413.5	368.7	323.3	277.4	232.1
47.5°	696.6	662.8	620.8	574.2	526.9	482.0	438.1	391.6	343.9	295.7	248.3
45°	725.3	692.7	652.1	604.6	555.7	508.3	461.7	413.7	363.7	313.4	263.7
42.5°	752.2	719.7	681.8	633.7	583.3	533.6	484.6	434.6	382.7	330.2	278.4
40°	775.1	743.3	709.7	661.8	609.3	557.5	506.4	454.6	400.8	346.2	292.2
37.5°	797.5	764.9	730.3	688.2	633.6	579.9	526.8	474.0	418.3	361.7	305.3
35°	819.1	785.4	748.7	708.7	656.3	600.7	545.9	492.0	434.7	376.5	317.5
32.5°	838.4	803.7	765.6	725.3	677.2	620.0	563.6	507.8	450.0	390.5	328.9
30°	861.4	819.2	780.9	741.5	695.1	637.7	579.9	522.6	464.0	403.6	339.6
27.5°	883.5	834.0	794.6	755.1	709.1	653.7	595.1	536.2	476.9	415.6	350.1
25°	904.7	851.0	807.3	766.5	722.5	669.0	609.0	548.7	488.2	426.1	359.9
22.5°	929.2	866.5	819.1	776.3	735.3	682.9	621.6	560.0	498.3	435.5	368.8
20°	951.0	879.4	830.1	785.6	745.0	693.3	632.8	570.1	507.3	443.8	376.8
17.5°	972.3	893.9	840.8	794.5	752.2	702.5	642.7	579.0	515.1	451.0	384.0
15°	1001.8	910.6	850.1	802.1	758.3	710.3	651.1	586.5	521.9	457.1	390.4
12.5°	1027.1	924.6	857.8	808.3	763.3	716.7	658.1	592.8	527.5	462.6	396.1
10°	1047.6	935.7	863.7	813.2	767.1	721.8	663.6	598.1	532.7	467.3	400.8
7.5°	1063.2	944.0	868.0	816.6	769.7	725.5	668.7	602.8	536.9	470.9	404.4
5°	1073.8	949.5	871.6	818.6	771.2	727.7	672.5	606.2	539.9	473.6	407.0
2.5°	1079.4	951.9	874.3	819.1	771.5	728.5	674.7	608.2	541.7	475.2	408.6
0°	1079.8	951.3	875.2	818.2	770.6	727.8	675.5	608.9	542.3	475.7	409.1
-2.5°	1079.4	951.9	874.3	819.1	771.5	728.5	674.7	608.2	541.7	475.2	408.6
-5°	1073.8	949.5	871.6	818.6	771.2	727.7	672.5	606.2	539.9	473.6	407.0
-7.5°	1063.2	944.0	868.0	816.6	769.7	725.5	668.7	602.8	536.9	470.9	404.4
-10°	1047.6	935.7	863.7	813.2	767.1	721.8	663.6	598.1	532.7	467.3	400.8
-12.5°	1027.1	924.6	857.8	808.3	763.3	716.7	658.1	592.8	527.5	462.6	396.1
-15°	1001.8	910.6	850.1	802.1	758.3	710.3	651.1	586.5	521.9	457.1	390.4
-17.5°	972.3	893.9	840.8	794.5	752.2	702.5	642.7	579.0	515.1	451.0	384.0
-20°	951.0	879.4	830.1	785.6	745.0	693.3	632.8	570.1	507.3	443.8	376.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627607 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	929.2	866.5	819.1	776.3	735.3	682.9	621.6	560.0	498.3	435.5	368.8
-25°	904.7	851.0	807.3	766.5	722.5	669.0	609.0	548.7	488.2	426.1	359.9
-27.5°	883.5	834.0	794.6	755.1	709.1	653.7	595.1	536.2	476.9	415.6	350.1
-30°	861.4	819.2	780.9	741.5	695.1	637.7	579.9	522.6	464.0	403.6	339.6
-32.5°	838.4	803.7	765.6	725.3	677.2	620.0	563.6	507.8	450.0	390.5	328.9
-35°	819.1	785.4	748.7	708.7	656.3	600.7	545.9	492.0	434.7	376.5	317.5
-37.5°	797.5	764.9	730.3	688.2	633.6	579.9	526.8	474.0	418.3	361.7	305.3
-40°	775.1	743.3	709.7	661.8	609.3	557.5	506.4	454.6	400.8	346.2	292.2
-42.5°	752.2	719.7	681.8	633.7	583.3	533.6	484.6	434.6	382.7	330.2	278.4
-45°	725.3	692.7	652.1	604.6	555.7	508.3	461.7	413.7	363.7	313.4	263.7
-47.5°	696.6	662.8	620.8	574.2	526.9	482.0	438.1	391.6	343.9	295.7	248.3
-50°	667.2	630.4	586.9	542.7	497.7	455.7	413.5	368.7	323.3	277.4	232.1
-52.5°	632.2	593.0	552.0	510.1	468.6	428.8	387.4	344.9	301.9	258.3	215.3
-55°	592.1	554.7	516.0	476.6	438.2	399.7	360.4	320.4	279.8	238.4	198.1
-57.5°	549.5	515.1	478.1	441.6	405.0	368.9	332.6	295.1	256.5	217.8	182.4
-60°	504.1	471.3	438.2	403.5	369.5	336.9	304.1	268.8	232.4	197.1	166.4
-62.5°	454.6	425.3	394.5	363.1	333.3	304.2	274.6	240.8	207.5	178.0	149.9
-65°	403.4	376.7	349.2	322.9	296.7	270.4	242.6	212.2	184.5	158.5	133.0
-67.5°	351.5	328.9	305.5	282.3	259.4	235.3	209.9	185.5	161.7	138.4	115.8
-70°	302.1	282.0	262.1	242.4	221.8	200.4	180.2	159.3	138.4	118.6	98.4
-72.5°	253.7	237.2	220.1	202.7	185.8	168.5	150.7	133.0	115.8	98.4	80.7
-75°	206.5	193.2	179.6	165.5	151.1	136.4	122.4	107.7	93.0	78.0	65.1
-77.5°	162.1	151.1	139.8	129.4	118.7	107.2	94.9	82.2	71.2	61.0	50.1
-80°	120.5	113.0	105.3	97.1	87.8	77.9	69.3	61.0	52.8	44.1	35.0
-82.5°	82.2	77.0	71.6	66.0	59.6	53.3	47.1	41.0	34.3	27.3	22.4
-85°	46.9	43.4	39.8	36.2	32.3	28.5	26.3	24.0	20.9	17.8	15.0
-87.5°	19.3	18.3	17.3	16.3	15.3	14.2	13.2	12.0	10.5	8.9	7.5
-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: P627607 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-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°	6.2	5.1	4.1	3.1	2.1	1.0	0.0
85°	12.3	10.3	8.3	6.2	4.1	2.1	0.0
82.5°	18.4	15.4	12.4	9.3	6.2	3.1	0.0
80°	25.4	20.5	16.4	12.4	8.3	4.1	0.0
77.5°	38.7	27.7	20.5	15.4	10.3	5.1	0.0
75°	51.9	38.7	25.4	18.4	12.3	6.2	0.0
72.5°	64.9	49.6	34.1	21.4	14.3	7.2	0.0
70°	78.0	60.3	42.7	25.0	16.3	8.1	0.0
67.5°	92.9	70.9	51.2	31.4	18.2	9.1	0.0
65°	107.4	82.1	59.5	37.7	20.1	10.1	0.0
62.5°	121.6	93.8	67.7	43.8	22.0	11.0	0.0
60°	135.4	105.1	75.7	49.8	23.8	11.9	0.0
57.5°	149.3	116.2	84.4	55.6	27.6	12.8	0.0
55°	162.9	126.9	92.9	61.3	31.3	13.6	0.0
52.5°	176.1	137.4	101.1	66.8	34.9	14.5	0.0
50°	189.0	148.2	109.0	72.2	38.4	15.3	0.0
47.5°	201.8	158.7	116.6	77.5	41.7	16.1	0.0
45°	214.9	168.8	123.8	82.9	44.8	16.8	0.0
42.5°	227.4	178.6	130.7	88.0	47.9	17.5	0.0
40°	239.3	187.9	137.7	92.8	50.7	18.2	0.0
37.5°	250.5	196.9	144.8	97.3	53.4	18.9	0.0
35°	261.1	205.5	151.5	101.4	55.9	19.5	0.0
32.5°	270.9	213.8	157.9	105.3	58.2	20.1	0.0
30°	279.9	221.4	163.8	109.0	60.3	20.6	0.0
27.5°	288.2	228.4	169.1	112.3	62.3	21.1	0.0
25°	295.8	234.9	173.9	115.3	64.1	21.6	0.0
22.5°	302.6	240.5	178.2	118.1	65.7	22.0	0.0
20°	308.6	245.4	182.1	120.5	67.1	22.4	0.0
17.5°	314.0	249.6	185.5	122.6	68.3	22.7	0.0
15°	318.9	253.2	188.3	124.4	69.3	23.0	0.0
12.5°	323.1	256.2	190.7	125.9	70.1	23.2	0.0
10°	326.6	258.6	192.6	127.0	70.7	23.4	0.0
7.5°	329.4	260.3	194.0	127.9	71.2	23.6	0.0
5°	331.4	261.4	194.8	128.4	71.4	23.7	0.0
2.5°	332.6	261.8	195.2	128.6	71.5	23.8	0.0
0°	333.0	261.6	195.0	128.4	71.4	23.8	0.0
-2.5°	332.6	261.8	195.2	128.6	71.5	23.8	0.0
-5°	331.4	261.4	194.8	128.4	71.4	23.7	0.0
-7.5°	329.4	260.3	194.0	127.9	71.2	23.6	0.0
-10°	326.6	258.6	192.6	127.0	70.7	23.4	0.0
-12.5°	323.1	256.2	190.7	125.9	70.1	23.2	0.0
-15°	318.9	253.2	188.3	124.4	69.3	23.0	0.0
-17.5°	314.0	249.6	185.5	122.6	68.3	22.7	0.0
-20°	308.6	245.4	182.1	120.5	67.1	22.4	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627607 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	302.6	240.5	178.2	118.1	65.7	22.0	0.0
-25°	295.8	234.9	173.9	115.3	64.1	21.6	0.0
-27.5°	288.2	228.4	169.1	112.3	62.3	21.1	0.0
-30°	279.9	221.4	163.8	109.0	60.3	20.6	0.0
-32.5°	270.9	213.8	157.9	105.3	58.2	20.1	0.0
-35°	261.1	205.5	151.5	101.4	55.9	19.5	0.0
-37.5°	250.5	196.9	144.8	97.3	53.4	18.9	0.0
-40°	239.3	187.9	137.7	92.8	50.7	18.2	0.0
-42.5°	227.4	178.6	130.7	88.0	47.9	17.5	0.0
-45°	214.9	168.8	123.8	82.9	44.8	16.8	0.0
-47.5°	201.8	158.7	116.6	77.5	41.7	16.1	0.0
-50°	189.0	148.2	109.0	72.2	38.4	15.3	0.0
-52.5°	176.1	137.4	101.1	66.8	34.9	14.5	0.0
-55°	162.9	126.9	92.9	61.3	31.3	13.6	0.0
-57.5°	149.3	116.2	84.4	55.6	27.6	12.8	0.0
-60°	135.4	105.1	75.7	49.8	23.8	11.9	0.0
-62.5°	121.6	93.8	67.7	43.8	22.0	11.0	0.0
-65°	107.4	82.1	59.5	37.7	20.1	10.1	0.0
-67.5°	92.9	70.9	51.2	31.4	18.2	9.1	0.0
-70°	78.0	60.3	42.7	25.0	16.3	8.1	0.0
-72.5°	64.9	49.6	34.1	21.4	14.3	7.2	0.0
-75°	51.9	38.7	25.4	18.4	12.3	6.2	0.0
-77.5°	38.7	27.7	20.5	15.4	10.3	5.1	0.0
-80°	25.4	20.5	16.4	12.4	8.3	4.1	0.0
-82.5°	18.4	15.4	12.4	9.3	6.2	3.1	0.0
-85°	12.3	10.3	8.3	6.2	4.1	2.1	0.0
-87.5°	6.2	5.1	4.1	3.1	2.1	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)