

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: P627875 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-735-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627875 (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-SA6C-735-U-MR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N143
Light Source: (96) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

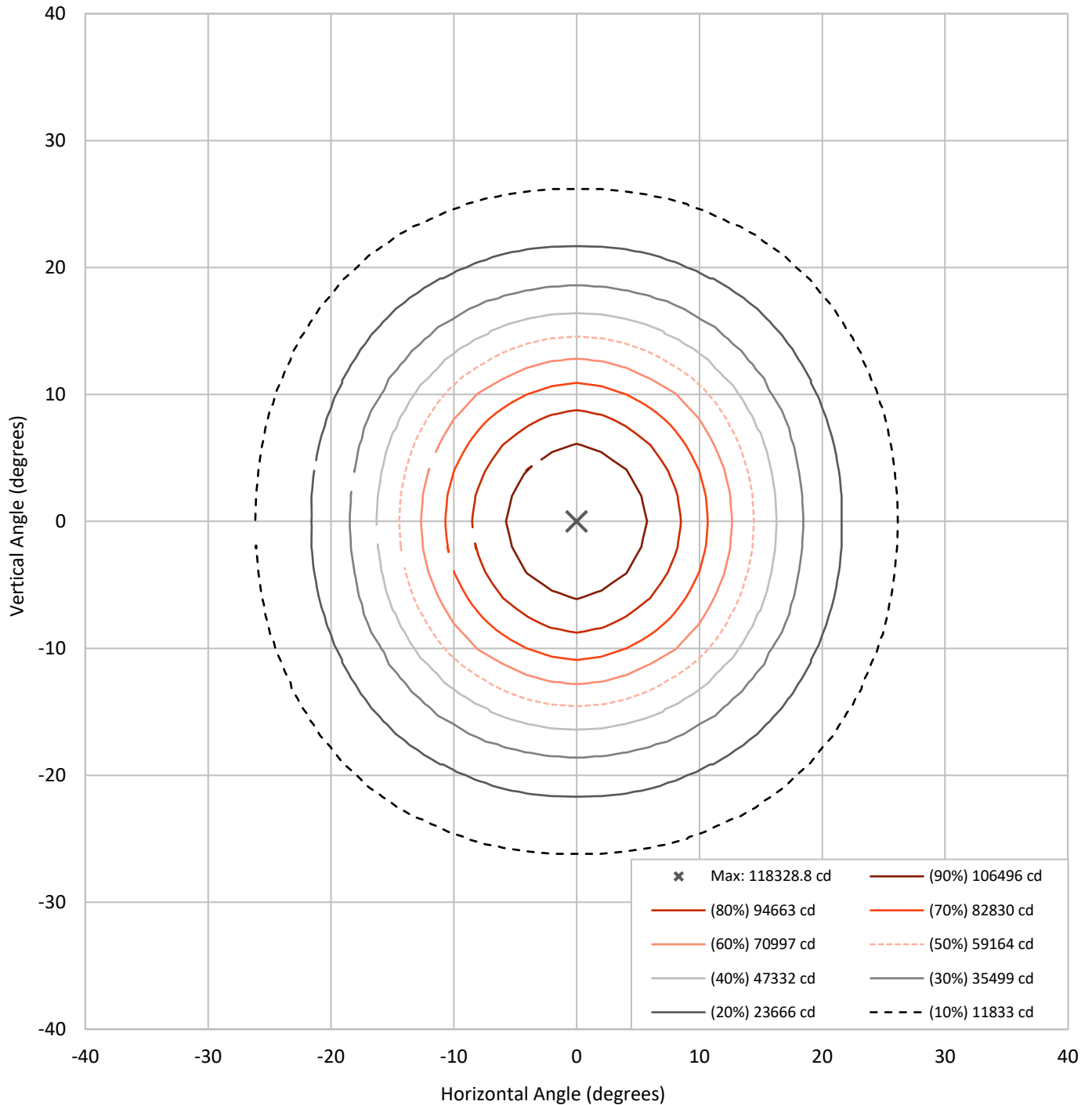
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	36970 lumens	Max Intensity:	118328.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	149.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	17974.3 lumens	Field Lumens:	30333.3 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	247.5		
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: P627875 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6C-735-U-MR-XX

Iso-Candela Plot





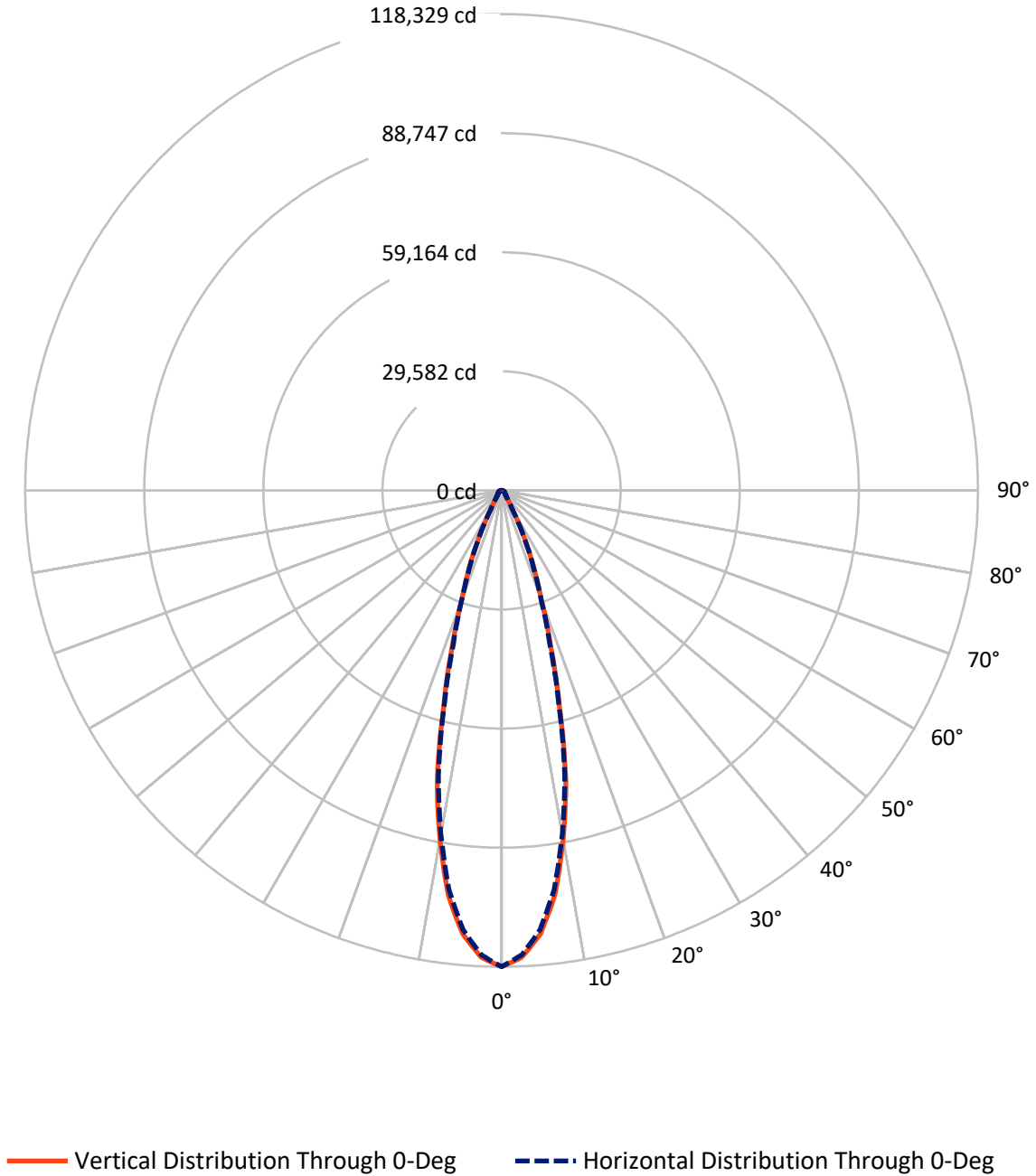
REPORT NUMBER: P627875 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-735-U-MR-XX

Lumen Table

90																			
80	0.7	6.1		16.1		25.4		28.2		25.4		16.1		6.1		0.7			
70	2.8	3.2	6.4	10.4	14.6	17.9	20.0	21.0	21.0	20.0	17.9	14.6	10.4	6.4	3.2	2.8			
60		4.7	9.6	15.4	20.7	25.4	28.5	29.6	29.6	28.5	25.4	20.7	15.4	9.6	4.7				
50	4.9	6.1	12.3	19.0	25.3	32.0	37.6	40.4	40.4	37.6	32.0	25.3	19.0	12.3	6.1	4.9			
40		7.1	14.4	22.0	31.0	44.3	64.1	83.2	83.2	64.1	44.3	31.0	22.0	14.4	7.1				
30	6.3	8.0	15.7	24.7	39.8	86.4	243.4	431.6	431.6	243.4	86.4	39.8	24.7	15.7	8.0	6.3			
20		8.6	16.5	26.9	54.2	226.9	808.7	1549.7	1549.7	808.7	226.9	54.2	26.9	16.5	8.6				
10	6.7	8.9	16.8	28.3	68.8	391.7	1496.9	2944.3	2944.3	1496.9	391.7	68.8	28.3	16.8	8.9	6.7			
0		8.9	16.8	28.3	68.8	391.7	1496.9	2944.3	2944.3	1496.9	391.7	68.8	28.3	16.8	8.9				
-10	6.3	8.6	16.5	26.9	54.2	226.9	808.7	1549.7	1549.7	808.7	226.9	54.2	26.9	16.5	8.6	6.3			
-20		8.0	15.7	24.7	39.8	86.4	243.4	431.6	431.6	243.4	86.4	39.8	24.7	15.7	8.0				
-30	4.9	7.1	14.4	22.0	31.0	44.3	64.1	83.2	83.2	64.1	44.3	31.0	22.0	14.4	7.1	4.9			
-40		6.1	12.3	19.0	25.3	32.0	37.6	40.4	40.4	37.6	32.0	25.3	19.0	12.3	6.1				
-50	2.8	4.7	9.6	15.4	20.7	25.4	28.5	29.6	29.6	28.5	25.4	20.7	15.4	9.6	4.7	2.8			
-60		3.2	6.4	10.4	14.6	17.9	20.0	21.0	21.0	20.0	17.9	14.6	10.4	6.4	3.2				
-70	0.7	6.1		16.1		25.4		28.2		25.4		16.1		6.1		0.7			
-80																			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

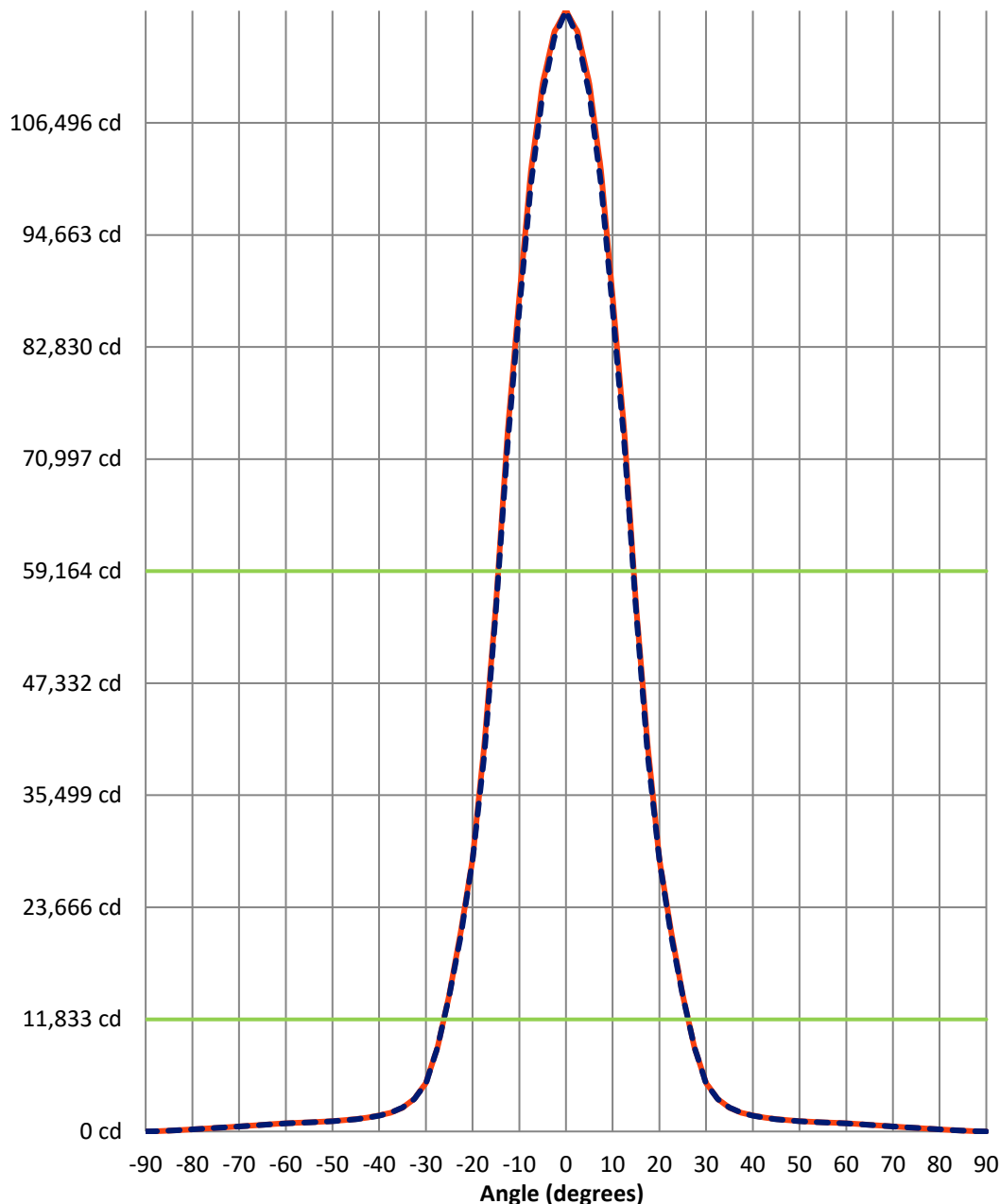
REPORT NUMBER: P627875 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6C-735-U-MR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627875 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-735-U-MR-XX

Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 17974.3
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 30333.3
 Efficiency: 82.0%

Spill:
 Lumens: 6636.7
 Efficiency: 18.0%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg

Classified

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

Scaled Data Report



REPORT NUMBER: P627875 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-735-U-MR-XX

FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.3	2.6	4.0	5.3	6.6	7.9	9.1	10.4	11.6	12.8
85°	0.0	2.6	5.3	7.9	10.5	13.1	15.7	18.3	20.8	23.2	25.7
82.5°	0.0	4.0	7.9	11.9	15.8	19.7	23.5	27.4	31.7	38.9	46.4
80°	0.0	5.3	10.5	15.8	21.0	26.2	32.0	41.2	50.9	61.1	71.7
77.5°	0.0	6.6	13.1	19.7	26.2	34.3	45.5	57.4	69.9	83.0	97.5
75°	0.0	7.9	15.7	23.5	32.0	45.5	58.9	73.3	89.0	107.4	125.5
72.5°	0.0	9.1	18.3	27.4	40.9	56.6	72.1	90.0	111.4	132.5	153.3
70°	0.0	10.4	20.8	31.6	49.6	67.5	85.6	109.4	133.4	157.3	183.1
67.5°	0.0	11.6	23.2	38.1	58.2	78.2	102.2	128.4	155.3	184.4	213.2
65°	0.0	12.8	25.7	44.5	66.7	90.3	118.5	147.2	179.0	211.1	243.4
62.5°	0.0	14.0	28.0	50.7	75.0	103.6	134.5	167.0	202.3	237.5	274.5
60°	0.0	15.2	30.4	56.8	83.1	116.7	150.1	187.0	225.1	264.3	304.7
57.5°	0.0	16.3	34.3	62.7	93.2	129.4	166.6	206.5	247.7	290.2	334.5
55°	0.0	17.4	38.2	68.5	103.1	141.8	182.6	225.4	269.6	315.5	363.9
52.5°	0.0	18.5	41.9	74.1	112.7	154.0	198.1	243.8	290.7	341.1	392.4
50°	0.0	19.5	45.5	79.5	122.0	166.2	212.9	261.6	311.4	365.9	418.7
47.5°	0.0	20.5	49.0	85.1	131.0	177.9	227.1	278.7	332.6	389.9	443.6
45°	0.0	21.5	52.3	91.6	139.7	189.1	241.2	295.2	353.1	410.9	467.2
42.5°	0.0	22.4	55.6	97.8	147.9	199.7	254.7	311.6	372.6	430.8	488.9
40°	0.0	23.3	58.6	103.6	155.9	209.8	267.5	327.6	390.4	449.4	509.4
37.5°	0.0	24.1	61.5	109.1	163.5	219.2	279.7	342.6	406.2	467.3	528.8
35°	0.0	24.9	64.3	114.2	170.6	228.5	291.2	356.5	421.1	484.2	547.0
32.5°	0.0	25.6	66.8	118.9	177.2	237.4	302.0	369.4	435.0	500.0	564.6
30°	0.0	26.3	69.2	123.2	183.4	245.7	312.3	381.1	448.0	514.7	581.0
27.5°	0.0	27.0	71.5	127.1	188.9	253.4	321.7	391.5	459.9	528.2	596.2
25°	0.0	27.6	73.5	130.6	194.0	260.4	330.2	400.9	470.7	540.5	610.0
22.5°	0.0	28.1	75.4	133.7	198.8	266.8	337.8	409.4	480.5	551.6	623.9
20°	0.0	28.6	77.1	136.4	203.1	272.3	344.4	416.9	489.2	561.4	636.2
17.5°	0.0	29.0	78.6	138.8	207.0	277.0	350.5	423.4	496.7	570.0	647.0
15°	0.0	29.4	79.9	140.7	210.4	280.9	356.0	429.4	503.1	577.2	656.1
12.5°	0.0	29.7	81.0	142.3	213.3	284.1	360.8	435.1	509.1	583.1	663.6
10°	0.0	29.9	81.9	143.4	215.8	286.4	364.8	439.8	514.5	590.2	670.6
7.5°	0.0	30.1	82.6	144.2	217.7	288.0	368.0	443.4	518.7	596.5	678.3
5°	0.0	30.3	83.1	144.6	219.2	288.9	370.3	446.0	521.7	601.6	684.3
2.5°	0.0	30.4	83.4	144.6	220.0	289.1	371.7	447.6	523.5	605.3	688.6
0°	0.0	30.4	83.5	144.3	220.3	288.6	372.2	448.1	524.1	607.6	691.2
-2.5°	0.0	30.4	83.4	144.6	220.0	289.1	371.7	447.6	523.5	605.3	688.6
-5°	0.0	30.3	83.1	144.6	219.2	288.9	370.3	446.0	521.7	601.6	684.3
-7.5°	0.0	30.1	82.6	144.2	217.7	288.0	368.0	443.4	518.7	596.5	678.3
-10°	0.0	29.9	81.9	143.4	215.8	286.4	364.8	439.8	514.5	590.2	670.6
-12.5°	0.0	29.7	81.0	142.3	213.3	284.1	360.8	435.1	509.1	583.1	663.6
-15°	0.0	29.4	79.9	140.7	210.4	280.9	356.0	429.4	503.1	577.2	656.1
-17.5°	0.0	29.0	78.6	138.8	207.0	277.0	350.5	423.4	496.7	570.0	647.0
-20°	0.0	28.6	77.1	136.4	203.1	272.3	344.4	416.9	489.2	561.4	636.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627875 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	28.1	75.4	133.7	198.8	266.8	337.8	409.4	480.5	551.6	623.9
-25°	0.0	27.6	73.5	130.6	194.0	260.4	330.2	400.9	470.7	540.5	610.0
-27.5°	0.0	27.0	71.5	127.1	188.9	253.4	321.7	391.5	459.9	528.2	596.2
-30°	0.0	26.3	69.2	123.2	183.4	245.7	312.3	381.1	448.0	514.7	581.0
-32.5°	0.0	25.6	66.8	118.9	177.2	237.4	302.0	369.4	435.0	500.0	564.6
-35°	0.0	24.9	64.3	114.2	170.6	228.5	291.2	356.5	421.1	484.2	547.0
-37.5°	0.0	24.1	61.5	109.1	163.5	219.2	279.7	342.6	406.2	467.3	528.8
-40°	0.0	23.3	58.6	103.6	155.9	209.8	267.5	327.6	390.4	449.4	509.4
-42.5°	0.0	22.4	55.6	97.8	147.9	199.7	254.7	311.6	372.6	430.8	488.9
-45°	0.0	21.5	52.3	91.6	139.7	189.1	241.2	295.2	353.1	410.9	467.2
-47.5°	0.0	20.5	49.0	85.1	131.0	177.9	227.1	278.7	332.6	389.9	443.6
-50°	0.0	19.5	45.5	79.5	122.0	166.2	212.9	261.6	311.4	365.9	418.7
-52.5°	0.0	18.5	41.9	74.1	112.7	154.0	198.1	243.8	290.7	341.1	392.4
-55°	0.0	17.4	38.2	68.5	103.1	141.8	182.6	225.4	269.6	315.5	363.9
-57.5°	0.0	16.3	34.3	62.7	93.2	129.4	166.6	206.5	247.7	290.2	334.5
-60°	0.0	15.2	30.4	56.8	83.1	116.7	150.1	187.0	225.1	264.3	304.7
-62.5°	0.0	14.0	28.0	50.7	75.0	103.6	134.5	167.0	202.3	237.5	274.5
-65°	0.0	12.8	25.7	44.5	66.7	90.3	118.5	147.2	179.0	211.1	243.4
-67.5°	0.0	11.6	23.2	38.1	58.2	78.2	102.2	128.4	155.3	184.4	213.2
-70°	0.0	10.4	20.8	31.6	49.6	67.5	85.6	109.4	133.4	157.3	183.1
-72.5°	0.0	9.1	18.3	27.4	40.9	56.6	72.1	90.0	111.4	132.5	153.3
-75°	0.0	7.9	15.7	23.5	32.0	45.5	58.9	73.3	89.0	107.4	125.5
-77.5°	0.0	6.6	13.1	19.7	26.2	34.3	45.5	57.4	69.9	83.0	97.5
-80°	0.0	5.3	10.5	15.8	21.0	26.2	32.0	41.2	50.9	61.1	71.7
-82.5°	0.0	4.0	7.9	11.9	15.8	19.7	23.5	27.4	31.7	38.9	46.4
-85°	0.0	2.6	5.3	7.9	10.5	13.1	15.7	18.3	20.8	23.2	25.7
-87.5°	0.0	1.3	2.6	4.0	5.3	6.6	7.9	9.1	10.4	11.6	12.8
-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: P627875 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	14.0	15.2	16.3	17.4	18.5	19.5	20.5	21.5	22.4	23.3	24.1
85°	28.0	30.4	34.9	39.3	43.5	47.7	51.7	55.5	59.2	62.6	66.0
82.5°	53.6	60.6	67.3	73.9	80.4	86.6	92.5	98.3	103.8	109.1	114.1
80°	81.4	90.6	100.0	108.6	117.1	125.4	133.3	141.0	148.4	156.3	164.6
77.5°	110.8	122.7	133.5	143.4	154.1	167.0	179.5	191.5	203.0	214.0	224.5
75°	141.1	154.7	169.5	184.1	199.5	215.0	230.1	244.6	258.7	273.2	287.7
72.5°	173.1	191.5	209.4	226.8	246.0	264.9	282.2	298.0	315.8	335.5	353.5
70°	206.9	228.2	250.7	273.0	294.8	315.8	337.3	358.9	380.7	401.9	422.1
67.5°	240.9	267.6	293.6	319.0	343.7	368.9	394.4	420.5	445.6	469.6	492.9
65°	277.2	307.0	336.1	364.5	392.1	422.8	452.9	482.0	513.8	543.3	569.0
62.5°	312.4	345.8	378.0	410.1	443.6	477.6	512.5	549.1	586.9	614.3	637.8
60°	346.3	383.9	419.8	456.7	494.0	532.4	572.6	611.5	646.1	676.0	700.7
57.5°	379.4	421.5	461.3	501.3	542.2	585.8	630.0	669.8	702.0	730.8	757.9
55°	411.5	458.2	500.5	543.0	589.5	640.6	685.8	721.8	754.8	778.5	804.5
52.5°	442.0	491.9	536.3	583.9	637.0	690.0	735.1	770.0	797.7	822.4	847.7
50°	471.1	521.4	570.6	624.8	680.8	734.0	779.6	811.8	839.6	865.3	889.6
47.5°	497.6	549.8	605.4	663.3	721.9	774.5	818.2	851.0	879.8	906.1	932.9
45°	522.5	578.7	637.7	701.2	761.2	813.3	853.1	888.3	916.0	945.6	979.3
42.5°	546.3	606.4	670.5	738.1	799.4	847.1	885.6	919.3	951.3	987.0	1024.4
40°	569.8	632.2	701.6	772.7	835.1	876.5	915.1	950.8	987.7	1028.1	1069.0
37.5°	591.6	658.7	730.8	804.9	861.4	904.3	944.2	984.1	1025.5	1069.0	1119.8
35°	611.7	683.1	758.6	830.3	884.6	931.3	974.1	1017.4	1063.7	1116.9	1172.8
32.5°	631.2	705.3	784.5	851.8	905.7	955.6	1002.8	1051.7	1104.8	1163.3	1227.3
30°	650.4	727.0	807.2	873.7	924.5	975.6	1031.0	1085.4	1144.4	1209.4	1284.6
27.5°	669.1	747.1	826.2	890.8	941.0	993.1	1052.4	1118.6	1183.1	1254.2	1341.4
25°	686.1	767.8	844.9	904.4	955.2	1009.8	1071.7	1142.2	1218.1	1302.7	1409.4
22.5°	702.3	786.4	862.7	916.0	967.1	1024.3	1091.0	1165.5	1248.0	1346.0	1476.4
20°	717.4	801.0	874.5	926.7	976.9	1036.0	1107.7	1186.1	1280.3	1399.1	1555.1
17.5°	730.6	813.3	882.6	935.4	987.2	1048.0	1121.9	1203.6	1309.4	1446.0	1630.5
15°	741.9	823.4	889.7	942.1	995.9	1060.3	1136.4	1225.4	1341.3	1491.8	1695.7
12.5°	751.2	831.3	895.6	947.0	1002.7	1069.5	1148.8	1246.5	1373.2	1541.9	1783.6
10°	758.5	837.0	900.2	950.0	1007.5	1075.5	1158.6	1262.9	1399.0	1583.7	1858.9
7.5°	765.6	842.1	903.5	951.2	1010.3	1078.5	1165.4	1274.5	1417.8	1615.2	1918.9
5°	770.7	846.9	905.4	954.1	1012.1	1079.9	1170.0	1281.3	1429.7	1635.9	1961.3
2.5°	773.7	849.7	905.5	956.2	1012.2	1080.4	1175.4	1285.0	1442.8	1653.4	1985.4
0°	774.7	850.7	903.9	957.0	1010.2	1078.5	1177.3	1283.6	1450.7	1663.4	1990.0
-2.5°	773.7	849.7	905.5	956.2	1012.2	1080.4	1175.4	1285.0	1442.8	1653.4	1985.4
-5°	770.7	846.9	905.4	954.1	1012.1	1079.9	1170.0	1281.3	1429.7	1635.9	1961.3
-7.5°	765.6	842.1	903.5	951.2	1010.3	1078.5	1165.4	1274.5	1417.8	1615.2	1918.9
-10°	758.5	837.0	900.2	950.0	1007.5	1075.5	1158.6	1262.9	1399.0	1583.7	1858.9
-12.5°	751.2	831.3	895.6	947.0	1002.7	1069.5	1148.8	1246.5	1373.2	1541.9	1783.6
-15°	741.9	823.4	889.7	942.1	995.9	1060.3	1136.4	1225.4	1341.3	1491.8	1695.7
-17.5°	730.6	813.3	882.6	935.4	987.2	1048.0	1121.9	1203.6	1309.4	1446.0	1630.5
-20°	717.4	801.0	874.5	926.7	976.9	1036.0	1107.7	1186.1	1280.3	1399.1	1555.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627875 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-735-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°	702.3	786.4	862.7	916.0	967.1	1024.3	1091.0	1165.5	1248.0	1346.0	1476.4
-25°	686.1	767.8	844.9	904.4	955.2	1009.8	1071.7	1142.2	1218.1	1302.7	1409.4
-27.5°	669.1	747.1	826.2	890.8	941.0	993.1	1052.4	1118.6	1183.1	1254.2	1341.4
-30°	650.4	727.0	807.2	873.7	924.5	975.6	1031.0	1085.4	1144.4	1209.4	1284.6
-32.5°	631.2	705.3	784.5	851.8	905.7	955.6	1002.8	1051.7	1104.8	1163.3	1227.3
-35°	611.7	683.1	758.6	830.3	884.6	931.3	974.1	1017.4	1063.7	1116.9	1172.8
-37.5°	591.6	658.7	730.8	804.9	861.4	904.3	944.2	984.1	1025.5	1069.0	1119.8
-40°	569.8	632.2	701.6	772.7	835.1	876.5	915.1	950.8	987.7	1028.1	1069.0
-42.5°	546.3	606.4	670.5	738.1	799.4	847.1	885.6	919.3	951.3	987.0	1024.4
-45°	522.5	578.7	637.7	701.2	761.2	813.3	853.1	888.3	916.0	945.6	979.3
-47.5°	497.6	549.8	605.4	663.3	721.9	774.5	818.2	851.0	879.8	906.1	932.9
-50°	471.1	521.4	570.6	624.8	680.8	734.0	779.6	811.8	839.6	865.3	889.6
-52.5°	442.0	491.9	536.3	583.9	637.0	690.0	735.1	770.0	797.7	822.4	847.7
-55°	411.5	458.2	500.5	543.0	589.5	640.6	685.8	721.8	754.8	778.5	804.5
-57.5°	379.4	421.5	461.3	501.3	542.2	585.8	630.0	669.8	702.0	730.8	757.9
-60°	346.3	383.9	419.8	456.7	494.0	532.4	572.6	611.5	646.1	676.0	700.7
-62.5°	312.4	345.8	378.0	410.1	443.6	477.6	512.5	549.1	586.9	614.3	637.8
-65°	277.2	307.0	336.1	364.5	392.1	422.8	452.9	482.0	513.8	543.3	569.0
-67.5°	240.9	267.6	293.6	319.0	343.7	368.9	394.4	420.5	445.6	469.6	492.9
-70°	206.9	228.2	250.7	273.0	294.8	315.8	337.3	358.9	380.7	401.9	422.1
-72.5°	173.1	191.5	209.4	226.8	246.0	264.9	282.2	298.0	315.8	335.5	353.5
-75°	141.1	154.7	169.5	184.1	199.5	215.0	230.1	244.6	258.7	273.2	287.7
-77.5°	110.8	122.7	133.5	143.4	154.1	167.0	179.5	191.5	203.0	214.0	224.5
-80°	81.4	90.6	100.0	108.6	117.1	125.4	133.3	141.0	148.4	156.3	164.6
-82.5°	53.6	60.6	67.3	73.9	80.4	86.6	92.5	98.3	103.8	109.1	114.1
-85°	28.0	30.4	34.9	39.3	43.5	47.7	51.7	55.5	59.2	62.6	66.0
-87.5°	14.0	15.2	16.3	17.4	18.5	19.5	20.5	21.5	22.4	23.3	24.1
-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: P627875 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-735-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°	24.9	25.6	26.3	27.0	27.6	28.1	28.6	29.0	29.4	29.7	29.9
85°	69.1	72.1	74.8	77.4	79.7	80.3	80.5	80.3	79.9	81.0	81.9
82.5°	118.8	124.1	129.5	134.8	140.1	142.0	143.4	144.4	145.0	147.0	148.8
80°	172.5	180.9	188.7	195.7	201.9	206.4	210.4	214.1	217.5	219.0	219.8
77.5°	235.0	245.2	254.7	263.6	271.7	278.2	283.4	287.7	290.9	293.0	294.3
75°	302.1	315.0	326.5	337.2	347.1	353.9	358.7	362.2	364.6	367.2	369.2
72.5°	370.0	384.7	398.3	411.2	422.5	430.4	436.0	440.4	443.8	446.4	447.6
70°	441.3	458.9	473.9	486.8	497.0	504.6	510.6	515.4	519.1	521.7	523.0
67.5°	515.1	534.0	548.1	559.3	568.5	576.6	584.0	589.5	593.1	596.8	600.6
65°	590.4	609.5	624.0	635.9	645.6	656.0	665.6	672.7	677.4	681.7	686.0
62.5°	661.1	682.8	699.5	715.2	731.0	746.0	754.7	761.4	766.1	770.3	775.3
60°	725.4	750.0	770.5	789.4	808.8	828.2	836.2	842.5	848.4	854.0	859.0
57.5°	782.5	808.6	833.6	852.3	870.8	889.0	901.5	908.4	913.0	915.5	917.6
55°	832.3	858.3	883.2	904.8	924.8	943.5	957.4	964.1	969.1	972.3	974.3
52.5°	876.8	904.6	931.2	955.1	976.8	997.0	1014.4	1023.7	1031.1	1036.5	1038.2
50°	920.4	950.6	979.4	1005.0	1030.2	1054.3	1076.5	1089.3	1098.3	1103.9	1105.7
47.5°	966.1	998.9	1030.0	1059.7	1088.3	1116.9	1143.2	1160.7	1173.6	1183.2	1190.1
45°	1013.7	1048.9	1083.3	1118.4	1151.3	1188.1	1221.3	1246.8	1265.7	1282.1	1295.2
42.5°	1061.5	1101.1	1140.6	1185.7	1230.7	1272.5	1312.2	1346.0	1376.9	1407.1	1430.6
40°	1113.5	1156.8	1210.9	1264.4	1319.9	1368.6	1426.3	1478.1	1525.5	1576.8	1619.2
37.5°	1170.3	1226.0	1290.0	1354.2	1426.4	1496.4	1577.0	1656.4	1725.5	1815.3	1887.3
35°	1232.2	1302.8	1378.4	1464.5	1557.6	1667.3	1780.2	1912.6	2025.0	2167.6	2299.3
32.5°	1301.2	1384.3	1482.3	1600.6	1726.2	1902.5	2067.9	2292.3	2484.2	2731.7	3002.1
30°	1371.3	1478.6	1612.0	1764.9	1977.3	2227.5	2519.2	2898.6	3309.1	3733.7	4305.3
27.5°	1454.5	1593.8	1760.4	1996.4	2314.1	2660.5	3254.7	3896.4	4790.3	5498.0	6758.4
25°	1544.1	1716.5	1962.5	2304.7	2743.7	3444.6	4447.7	5609.3	7398.0	8989.1	10817.6
22.5°	1650.1	1884.3	2210.0	2658.2	3423.4	4629.3	6195.1	8580.4	11232.0	13849.2	16241.2
20°	1762.5	2045.3	2500.8	3230.7	4413.5	6157.1	8950.7	12359.1	15879.4	19466.0	22488.6
17.5°	1893.6	2277.7	2877.8	3847.2	5534.6	8519.9	12251.2	16585.2	21184.3	25761.0	29736.5
15°	2006.4	2480.9	3289.0	4741.0	7257.3	10991.2	15577.2	21051.0	26834.5	32774.0	39211.4
12.5°	2150.1	2725.7	3712.6	5479.9	8785.6	13639.0	19250.3	25605.5	32667.8	40554.2	50590.0
10°	2282.0	2982.6	4269.9	6663.8	10622.9	16112.3	22423.0	29633.2	38793.7	50644.9	62750.5
7.5°	2387.7	3186.2	4702.1	7587.7	12163.7	18225.2	25279.8	33924.5	45353.0	59465.0	73296.4
5°	2461.3	3327.3	5011.3	8285.7	13403.1	19840.0	27307.2	37087.9	50881.7	66684.6	80807.5
2.5°	2507.4	3404.6	5162.6	8700.1	14211.5	20811.7	28572.0	39098.3	54270.2	71280.5	85579.4
0°	2529.3	3417.9	5066.1	8901.8	14324.9	20743.0	28687.8	39769.5	55074.3	72528.5	86769.9
-2.5°	2507.4	3404.6	5162.6	8700.1	14211.5	20811.7	28572.0	39098.3	54270.2	71280.5	85579.4
-5°	2461.3	3327.3	5011.3	8285.7	13403.1	19840.0	27307.2	37087.9	50881.7	66684.6	80807.5
-7.5°	2387.7	3186.2	4702.1	7587.7	12163.7	18225.2	25279.8	33924.5	45353.0	59465.0	73296.4
-10°	2282.0	2982.6	4269.9	6663.8	10622.9	16112.3	22423.0	29633.2	38793.7	50644.9	62750.5
-12.5°	2150.1	2725.7	3712.6	5479.9	8785.6	13639.0	19250.3	25605.5	32667.8	40554.2	50590.0
-15°	2006.4	2480.9	3289.0	4741.0	7257.3	10991.2	15577.2	21051.0	26834.5	32774.0	39211.4
-17.5°	1893.6	2277.7	2877.8	3847.2	5534.6	8519.9	12251.2	16585.2	21184.3	25761.0	29736.5
-20°	1762.5	2045.3	2500.8	3230.7	4413.5	6157.1	8950.7	12359.1	15879.4	19466.0	22488.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627875 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1650.1	1884.3	2210.0	2658.2	3423.4	4629.3	6195.1	8580.4	11232.0	13849.2	16241.2
-25°	1544.1	1716.5	1962.5	2304.7	2743.7	3444.6	4447.7	5609.3	7398.0	8989.1	10817.6
-27.5°	1454.5	1593.8	1760.4	1996.4	2314.1	2660.5	3254.7	3896.4	4790.3	5498.0	6758.4
-30°	1371.3	1478.6	1612.0	1764.9	1977.3	2227.5	2519.2	2898.6	3309.1	3733.7	4305.3
-32.5°	1301.2	1384.3	1482.3	1600.6	1726.2	1902.5	2067.9	2292.3	2484.2	2731.7	3002.1
-35°	1232.2	1302.8	1378.4	1464.5	1557.6	1667.3	1780.2	1912.6	2025.0	2167.6	2299.3
-37.5°	1170.3	1226.0	1290.0	1354.2	1426.4	1496.4	1577.0	1656.4	1725.5	1815.3	1887.3
-40°	1113.5	1156.8	1210.9	1264.4	1319.9	1368.6	1426.3	1478.1	1525.5	1576.8	1619.2
-42.5°	1061.5	1101.1	1140.6	1185.7	1230.7	1272.5	1312.2	1346.0	1376.9	1407.1	1430.6
-45°	1013.7	1048.9	1083.3	1118.4	1151.3	1188.1	1221.3	1246.8	1265.7	1282.1	1295.2
-47.5°	966.1	998.9	1030.0	1059.7	1088.3	1116.9	1143.2	1160.7	1173.6	1183.2	1190.1
-50°	920.4	950.6	979.4	1005.0	1030.2	1054.3	1076.5	1089.3	1098.3	1103.9	1105.7
-52.5°	876.8	904.6	931.2	955.1	976.8	997.0	1014.4	1023.7	1031.1	1036.5	1038.2
-55°	832.3	858.3	883.2	904.8	924.8	943.5	957.4	964.1	969.1	972.3	974.3
-57.5°	782.5	808.6	833.6	852.3	870.8	889.0	901.5	908.4	913.0	915.5	917.6
-60°	725.4	750.0	770.5	789.4	808.8	828.2	836.2	842.5	848.4	854.0	859.0
-62.5°	661.1	682.8	699.5	715.2	731.0	746.0	754.7	761.4	766.1	770.3	775.3
-65°	590.4	609.5	624.0	635.9	645.6	656.0	665.6	672.7	677.4	681.7	686.0
-67.5°	515.1	534.0	548.1	559.3	568.5	576.6	584.0	589.5	593.1	596.8	600.6
-70°	441.3	458.9	473.9	486.8	497.0	504.6	510.6	515.4	519.1	521.7	523.0
-72.5°	370.0	384.7	398.3	411.2	422.5	430.4	436.0	440.4	443.8	446.4	447.6
-75°	302.1	315.0	326.5	337.2	347.1	353.9	358.7	362.2	364.6	367.2	369.2
-77.5°	235.0	245.2	254.7	263.6	271.7	278.2	283.4	287.7	290.9	293.0	294.3
-80°	172.5	180.9	188.7	195.7	201.9	206.4	210.4	214.1	217.5	219.0	219.8
-82.5°	118.8	124.1	129.5	134.8	140.1	142.0	143.4	144.4	145.0	147.0	148.8
-85°	69.1	72.1	74.8	77.4	79.7	80.3	80.5	80.3	79.9	81.0	81.9
-87.5°	24.9	25.6	26.3	27.0	27.6	28.1	28.6	29.0	29.4	29.7	29.9
-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: P627875 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-735-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°	30.1	30.3	30.4	30.4	30.4	30.3	30.1	29.9	29.7	29.4	29.0
85°	82.6	83.1	83.4	83.5	83.4	83.1	82.6	81.9	81.0	79.9	80.3
82.5°	150.1	151.1	151.7	151.9	151.7	151.1	150.1	148.8	147.0	145.0	144.4
80°	219.9	219.3	220.0	220.3	220.0	219.3	219.9	219.8	219.0	217.5	214.1
77.5°	294.9	294.8	295.8	296.2	295.8	294.8	294.9	294.3	293.0	290.9	287.7
75°	370.3	370.6	371.8	372.2	371.8	370.6	370.3	369.2	367.2	364.6	362.2
72.5°	447.6	446.4	447.6	448.1	447.6	446.4	447.6	447.6	446.4	443.8	440.4
70°	523.2	522.2	527.0	531.7	527.0	522.2	523.2	523.0	521.7	519.1	515.4
67.5°	603.4	604.9	610.3	615.2	610.3	604.9	603.4	600.6	596.8	593.1	589.5
65°	688.3	688.6	693.8	698.8	693.8	688.6	688.3	686.0	681.7	677.4	672.7
62.5°	778.2	779.1	784.6	789.9	784.6	779.1	778.2	775.3	770.3	766.1	761.4
60°	862.0	862.9	864.9	865.9	864.9	862.9	862.0	859.0	854.0	848.4	842.5
57.5°	918.3	917.5	918.3	919.0	918.3	917.5	918.3	917.6	915.5	913.0	908.4
55°	973.9	971.4	968.5	964.6	968.5	971.4	973.9	974.3	972.3	969.1	964.1
52.5°	1036.8	1032.8	1029.2	1025.4	1029.2	1032.8	1036.8	1038.2	1036.5	1031.1	1023.7
50°	1104.5	1100.9	1097.4	1093.7	1097.4	1100.9	1104.5	1105.7	1103.9	1098.3	1089.3
47.5°	1194.8	1196.4	1195.7	1192.5	1195.7	1196.4	1194.8	1190.1	1183.2	1173.6	1160.7
45°	1304.4	1308.8	1309.3	1306.4	1309.3	1308.8	1304.4	1295.2	1282.1	1265.7	1246.8
42.5°	1447.3	1456.9	1462.2	1465.9	1462.2	1456.9	1447.3	1430.6	1407.1	1376.9	1346.0
40°	1650.0	1669.6	1682.1	1693.8	1682.1	1669.6	1650.0	1619.2	1576.8	1525.5	1478.1
37.5°	1940.7	1976.3	1992.2	1982.4	1992.2	1976.3	1940.7	1887.3	1815.3	1725.5	1656.4
35°	2400.7	2468.4	2503.6	2506.5	2503.6	2468.4	2400.7	2299.3	2167.6	2025.0	1912.6
32.5°	3202.0	3340.5	3415.0	3425.5	3415.0	3340.5	3202.0	3002.1	2731.7	2484.2	2292.3
30°	4742.9	5025.6	5158.4	5126.9	5158.4	5025.6	4742.9	4305.3	3733.7	3309.1	2898.6
27.5°	7738.2	8443.2	8860.9	8894.2	8860.9	8443.2	7738.2	6758.4	5498.0	4790.3	3896.4
25°	12437.1	13640.6	14411.2	14423.7	14411.2	13640.6	12437.1	10817.6	8989.1	7398.0	5609.3
22.5°	18453.1	20095.9	20996.0	21153.2	20996.0	20095.9	18453.1	16241.2	13849.2	11232.0	8580.4
20°	25422.9	27608.3	28777.6	28779.0	28777.6	27608.3	25422.9	22488.6	19466.0	15879.4	12359.1
17.5°	34006.6	37555.1	39782.8	40741.7	39782.8	37555.1	34006.6	29736.5	25761.0	21184.3	16585.2
15°	45410.1	51373.4	54946.8	55590.8	54946.8	51373.4	45410.1	39211.4	32774.0	26834.5	21051.0
12.5°	59295.2	66841.9	71914.9	73774.1	71914.9	66841.9	59295.2	50590.0	40554.2	32667.8	25605.5
10°	73792.5	80784.9	86219.6	88045.9	86219.6	80784.9	73792.5	62750.5	50644.9	38793.7	29633.2
7.5°	84265.6	92603.8	98725.6	101413.8	98725.6	92603.8	84265.6	73296.4	59465.0	45353.0	33924.5
5°	92533.0	102399.2	108097.9	110627.0	108097.9	102399.2	92533.0	80807.5	66684.6	50881.7	37087.9
2.5°	97957.5	107706.2	113740.8	116072.9	113740.8	107706.2	97957.5	85579.4	71280.5	54270.2	39098.3
0°	99985.9	109518.1	115480.5	118328.8	115480.5	109518.1	99985.9	86769.9	72528.5	55074.3	39769.5
-2.5°	97957.5	107706.2	113740.8	116072.9	113740.8	107706.2	97957.5	85579.4	71280.5	54270.2	39098.3
-5°	92533.0	102399.2	108097.9	110627.0	108097.9	102399.2	92533.0	80807.5	66684.6	50881.7	37087.9
-7.5°	84265.6	92603.8	98725.6	101413.8	98725.6	92603.8	84265.6	73296.4	59465.0	45353.0	33924.5
-10°	73792.5	80784.9	86219.6	88045.9	86219.6	80784.9	73792.5	62750.5	50644.9	38793.7	29633.2
-12.5°	59295.2	66841.9	71914.9	73774.1	71914.9	66841.9	59295.2	50590.0	40554.2	32667.8	25605.5
-15°	45410.1	51373.4	54946.8	55590.8	54946.8	51373.4	45410.1	39211.4	32774.0	26834.5	21051.0
-17.5°	34006.6	37555.1	39782.8	40741.7	39782.8	37555.1	34006.6	29736.5	25761.0	21184.3	16585.2
-20°	25422.9	27608.3	28777.6	28779.0	28777.6	27608.3	25422.9	22488.6	19466.0	15879.4	12359.1



REPORT NUMBER: P627875 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-735-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°	18453.1	20095.9	20996.0	21153.2	20996.0	20095.9	18453.1	16241.2	13849.2	11232.0	8580.4
-25°	12437.1	13640.6	14411.2	14423.7	14411.2	13640.6	12437.1	10817.6	8989.1	7398.0	5609.3
-27.5°	7738.2	8443.2	8860.9	8894.2	8860.9	8443.2	7738.2	6758.4	5498.0	4790.3	3896.4
-30°	4742.9	5025.6	5158.4	5126.9	5158.4	5025.6	4742.9	4305.3	3733.7	3309.1	2898.6
-32.5°	3202.0	3340.5	3415.0	3425.5	3415.0	3340.5	3202.0	3002.1	2731.7	2484.2	2292.3
-35°	2400.7	2468.4	2503.6	2506.5	2503.6	2468.4	2400.7	2299.3	2167.6	2025.0	1912.6
-37.5°	1940.7	1976.3	1992.2	1982.4	1992.2	1976.3	1940.7	1887.3	1815.3	1725.5	1656.4
-40°	1650.0	1669.6	1682.1	1693.8	1682.1	1669.6	1650.0	1619.2	1576.8	1525.5	1478.1
-42.5°	1447.3	1456.9	1462.2	1465.9	1462.2	1456.9	1447.3	1430.6	1407.1	1376.9	1346.0
-45°	1304.4	1308.8	1309.3	1306.4	1309.3	1308.8	1304.4	1295.2	1282.1	1265.7	1246.8
-47.5°	1194.8	1196.4	1195.7	1192.5	1195.7	1196.4	1194.8	1190.1	1183.2	1173.6	1160.7
-50°	1104.5	1100.9	1097.4	1093.7	1097.4	1100.9	1104.5	1105.7	1103.9	1098.3	1089.3
-52.5°	1036.8	1032.8	1029.2	1025.4	1029.2	1032.8	1036.8	1038.2	1036.5	1031.1	1023.7
-55°	973.9	971.4	968.5	964.6	968.5	971.4	973.9	974.3	972.3	969.1	964.1
-57.5°	918.3	917.5	918.3	919.0	918.3	917.5	918.3	917.6	915.5	913.0	908.4
-60°	862.0	862.9	864.9	865.9	864.9	862.9	862.0	859.0	854.0	848.4	842.5
-62.5°	778.2	779.1	784.6	789.9	784.6	779.1	778.2	775.3	770.3	766.1	761.4
-65°	688.3	688.6	693.8	698.8	693.8	688.6	688.3	686.0	681.7	677.4	672.7
-67.5°	603.4	604.9	610.3	615.2	610.3	604.9	603.4	600.6	596.8	593.1	589.5
-70°	523.2	522.2	527.0	531.7	527.0	522.2	523.2	523.0	521.7	519.1	515.4
-72.5°	447.6	446.4	447.6	448.1	447.6	446.4	447.6	447.6	446.4	443.8	440.4
-75°	370.3	370.6	371.8	372.2	371.8	370.6	370.3	369.2	367.2	364.6	362.2
-77.5°	294.9	294.8	295.8	296.2	295.8	294.8	294.9	294.3	293.0	290.9	287.7
-80°	219.9	219.3	220.0	220.3	220.0	219.3	219.9	219.8	219.0	217.5	214.1
-82.5°	150.1	151.1	151.7	151.9	151.7	151.1	150.1	148.8	147.0	145.0	144.4
-85°	82.6	83.1	83.4	83.5	83.4	83.1	82.6	81.9	81.0	79.9	80.3
-87.5°	30.1	30.3	30.4	30.4	30.4	30.3	30.1	29.9	29.7	29.4	29.0
-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: P627875 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-735-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°	28.6	28.1	27.6	27.0	26.3	25.6	24.9	24.1	23.3	22.4	21.5
85°	80.5	80.3	79.7	77.4	74.8	72.1	69.1	66.0	62.6	59.2	55.5
82.5°	143.4	142.0	140.1	134.8	129.5	124.1	118.8	114.1	109.1	103.8	98.3
80°	210.4	206.4	201.9	195.7	188.7	180.9	172.5	164.6	156.3	148.4	141.0
77.5°	283.4	278.2	271.7	263.6	254.7	245.2	235.0	224.5	214.0	203.0	191.5
75°	358.7	353.9	347.1	337.2	326.5	315.0	302.1	287.7	273.2	258.7	244.6
72.5°	436.0	430.4	422.5	411.2	398.3	384.7	370.0	353.5	335.5	315.8	298.0
70°	510.6	504.6	497.0	486.8	473.9	458.9	441.3	422.1	401.9	380.7	358.9
67.5°	584.0	576.6	568.5	559.3	548.1	534.0	515.1	492.9	469.6	445.6	420.5
65°	665.6	656.0	645.6	635.9	624.0	609.5	590.4	569.0	543.3	513.8	482.0
62.5°	754.7	746.0	731.0	715.2	699.5	682.8	661.1	637.8	614.3	586.9	549.1
60°	836.2	828.2	808.8	789.4	770.5	750.0	725.4	700.7	676.0	646.1	611.5
57.5°	901.5	889.0	870.8	852.3	833.6	808.6	782.5	757.9	730.8	702.0	669.8
55°	957.4	943.5	924.8	904.8	883.2	858.3	832.3	804.5	778.5	754.8	721.8
52.5°	1014.4	997.0	976.8	955.1	931.2	904.6	876.8	847.7	822.4	797.7	770.0
50°	1076.5	1054.3	1030.2	1005.0	979.4	950.6	920.4	889.6	865.3	839.6	811.8
47.5°	1143.2	1116.9	1088.3	1059.7	1030.0	998.9	966.1	932.9	906.1	879.8	851.0
45°	1221.3	1188.1	1151.3	1118.4	1083.3	1048.9	1013.7	979.3	945.6	916.0	888.3
42.5°	1312.2	1272.5	1230.7	1185.7	1140.6	1101.1	1061.5	1024.4	987.0	951.3	919.3
40°	1426.3	1368.6	1319.9	1264.4	1210.9	1156.8	1113.5	1069.0	1028.1	987.7	950.8
37.5°	1577.0	1496.4	1426.4	1354.2	1290.0	1226.0	1170.3	1119.8	1069.0	1025.5	984.1
35°	1780.2	1667.3	1557.6	1464.5	1378.4	1302.8	1232.2	1172.8	1116.9	1063.7	1017.4
32.5°	2067.9	1902.5	1726.2	1600.6	1482.3	1384.3	1301.2	1227.3	1163.3	1104.8	1051.7
30°	2519.2	2227.5	1977.3	1764.9	1612.0	1478.6	1371.3	1284.6	1209.4	1144.4	1085.4
27.5°	3254.7	2660.5	2314.1	1996.4	1760.4	1593.8	1454.5	1341.4	1254.2	1183.1	1118.6
25°	4447.7	3444.6	2743.7	2304.7	1962.5	1716.5	1544.1	1409.4	1302.7	1218.1	1142.2
22.5°	6195.1	4629.3	3423.4	2658.2	2210.0	1884.3	1650.1	1476.4	1346.0	1248.0	1165.5
20°	8950.7	6157.1	4413.5	3230.7	2500.8	2045.3	1762.5	1555.1	1399.1	1280.3	1186.1
17.5°	12251.2	8519.9	5534.6	3847.2	2877.8	2277.7	1893.6	1630.5	1446.0	1309.4	1203.6
15°	15577.2	10991.2	7257.3	4741.0	3289.0	2480.9	2006.4	1695.7	1491.8	1341.3	1225.4
12.5°	19250.3	13639.0	8785.6	5479.9	3712.6	2725.7	2150.1	1783.6	1541.9	1373.2	1246.5
10°	22423.0	16112.3	10622.9	6663.8	4269.9	2982.6	2282.0	1858.9	1583.7	1399.0	1262.9
7.5°	25279.8	18225.2	12163.7	7587.7	4702.1	3186.2	2387.7	1918.9	1615.2	1417.8	1274.5
5°	27307.2	19840.0	13403.1	8285.7	5011.3	3327.3	2461.3	1961.3	1635.9	1429.7	1281.3
2.5°	28572.0	20811.7	14211.5	8700.1	5162.6	3404.6	2507.4	1985.4	1653.4	1442.8	1285.0
0°	28687.8	20743.0	14324.9	8901.8	5066.1	3417.9	2529.3	1990.0	1663.4	1450.7	1283.6
-2.5°	28572.0	20811.7	14211.5	8700.1	5162.6	3404.6	2507.4	1985.4	1653.4	1442.8	1285.0
-5°	27307.2	19840.0	13403.1	8285.7	5011.3	3327.3	2461.3	1961.3	1635.9	1429.7	1281.3
-7.5°	25279.8	18225.2	12163.7	7587.7	4702.1	3186.2	2387.7	1918.9	1615.2	1417.8	1274.5
-10°	22423.0	16112.3	10622.9	6663.8	4269.9	2982.6	2282.0	1858.9	1583.7	1399.0	1262.9
-12.5°	19250.3	13639.0	8785.6	5479.9	3712.6	2725.7	2150.1	1783.6	1541.9	1373.2	1246.5
-15°	15577.2	10991.2	7257.3	4741.0	3289.0	2480.9	2006.4	1695.7	1491.8	1341.3	1225.4
-17.5°	12251.2	8519.9	5534.6	3847.2	2877.8	2277.7	1893.6	1630.5	1446.0	1309.4	1203.6
-20°	8950.7	6157.1	4413.5	3230.7	2500.8	2045.3	1762.5	1555.1	1399.1	1280.3	1186.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627875 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6195.1	4629.3	3423.4	2658.2	2210.0	1884.3	1650.1	1476.4	1346.0	1248.0	1165.5
-25°	4447.7	3444.6	2743.7	2304.7	1962.5	1716.5	1544.1	1409.4	1302.7	1218.1	1142.2
-27.5°	3254.7	2660.5	2314.1	1996.4	1760.4	1593.8	1454.5	1341.4	1254.2	1183.1	1118.6
-30°	2519.2	2227.5	1977.3	1764.9	1612.0	1478.6	1371.3	1284.6	1209.4	1144.4	1085.4
-32.5°	2067.9	1902.5	1726.2	1600.6	1482.3	1384.3	1301.2	1227.3	1163.3	1104.8	1051.7
-35°	1780.2	1667.3	1557.6	1464.5	1378.4	1302.8	1232.2	1172.8	1116.9	1063.7	1017.4
-37.5°	1577.0	1496.4	1426.4	1354.2	1290.0	1226.0	1170.3	1119.8	1069.0	1025.5	984.1
-40°	1426.3	1368.6	1319.9	1264.4	1210.9	1156.8	1113.5	1069.0	1028.1	987.7	950.8
-42.5°	1312.2	1272.5	1230.7	1185.7	1140.6	1101.1	1061.5	1024.4	987.0	951.3	919.3
-45°	1221.3	1188.1	1151.3	1118.4	1083.3	1048.9	1013.7	979.3	945.6	916.0	888.3
-47.5°	1143.2	1116.9	1088.3	1059.7	1030.0	998.9	966.1	932.9	906.1	879.8	851.0
-50°	1076.5	1054.3	1030.2	1005.0	979.4	950.6	920.4	889.6	865.3	839.6	811.8
-52.5°	1014.4	997.0	976.8	955.1	931.2	904.6	876.8	847.7	822.4	797.7	770.0
-55°	957.4	943.5	924.8	904.8	883.2	858.3	832.3	804.5	778.5	754.8	721.8
-57.5°	901.5	889.0	870.8	852.3	833.6	808.6	782.5	757.9	730.8	702.0	669.8
-60°	836.2	828.2	808.8	789.4	770.5	750.0	725.4	700.7	676.0	646.1	611.5
-62.5°	754.7	746.0	731.0	715.2	699.5	682.8	661.1	637.8	614.3	586.9	549.1
-65°	665.6	656.0	645.6	635.9	624.0	609.5	590.4	569.0	543.3	513.8	482.0
-67.5°	584.0	576.6	568.5	559.3	548.1	534.0	515.1	492.9	469.6	445.6	420.5
-70°	510.6	504.6	497.0	486.8	473.9	458.9	441.3	422.1	401.9	380.7	358.9
-72.5°	436.0	430.4	422.5	411.2	398.3	384.7	370.0	353.5	335.5	315.8	298.0
-75°	358.7	353.9	347.1	337.2	326.5	315.0	302.1	287.7	273.2	258.7	244.6
-77.5°	283.4	278.2	271.7	263.6	254.7	245.2	235.0	224.5	214.0	203.0	191.5
-80°	210.4	206.4	201.9	195.7	188.7	180.9	172.5	164.6	156.3	148.4	141.0
-82.5°	143.4	142.0	140.1	134.8	129.5	124.1	118.8	114.1	109.1	103.8	98.3
-85°	80.5	80.3	79.7	77.4	74.8	72.1	69.1	66.0	62.6	59.2	55.5
-87.5°	28.6	28.1	27.6	27.0	26.3	25.6	24.9	24.1	23.3	22.4	21.5
-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: P627875 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-735-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°	20.5	19.5	18.5	17.4	16.3	15.2	14.0	12.8	11.6	10.4	9.1
85°	51.7	47.7	43.5	39.3	34.9	30.4	28.0	25.7	23.2	20.8	18.3
82.5°	92.5	86.6	80.4	73.9	67.3	60.6	53.6	46.4	38.9	31.7	27.4
80°	133.3	125.4	117.1	108.6	100.0	90.6	81.4	71.7	61.1	50.9	41.2
77.5°	179.5	167.0	154.1	143.4	133.5	122.7	110.8	97.5	83.0	69.9	57.4
75°	230.1	215.0	199.5	184.1	169.5	154.7	141.1	125.5	107.4	89.0	73.3
72.5°	282.2	264.9	246.0	226.8	209.4	191.5	173.1	153.3	132.5	111.4	90.0
70°	337.3	315.8	294.8	273.0	250.7	228.2	206.9	183.1	157.3	133.4	109.4
67.5°	394.4	368.9	343.7	319.0	293.6	267.6	240.9	213.2	184.4	155.3	128.4
65°	452.9	422.8	392.1	364.5	336.1	307.0	277.2	243.4	211.1	179.0	147.2
62.5°	512.5	477.6	443.6	410.1	378.0	345.8	312.4	274.5	237.5	202.3	167.0
60°	572.6	532.4	494.0	456.7	419.8	383.9	346.3	304.7	264.3	225.1	187.0
57.5°	630.0	585.8	542.2	501.3	461.3	421.5	379.4	334.5	290.2	247.7	206.5
55°	685.8	640.6	589.5	543.0	500.5	458.2	411.5	363.9	315.5	269.6	225.4
52.5°	735.1	690.0	637.0	583.9	536.3	491.9	442.0	392.4	341.1	290.7	243.8
50°	779.6	734.0	680.8	624.8	570.6	521.4	471.1	418.7	365.9	311.4	261.6
47.5°	818.2	774.5	721.9	663.3	605.4	549.8	497.6	443.6	389.9	332.6	278.7
45°	853.1	813.3	761.2	701.2	637.7	578.7	522.5	467.2	410.9	353.1	295.2
42.5°	885.6	847.1	799.4	738.1	670.5	606.4	546.3	488.9	430.8	372.6	311.6
40°	915.1	876.5	835.1	772.7	701.6	632.2	569.8	509.4	449.4	390.4	327.6
37.5°	944.2	904.3	861.4	804.9	730.8	658.7	591.6	528.8	467.3	406.2	342.6
35°	974.1	931.3	884.6	830.3	758.6	683.1	611.7	547.0	484.2	421.1	356.5
32.5°	1002.8	955.6	905.7	851.8	784.5	705.3	631.2	564.6	500.0	435.0	369.4
30°	1031.0	975.6	924.5	873.7	807.2	727.0	650.4	581.0	514.7	448.0	381.1
27.5°	1052.4	993.1	941.0	890.8	826.2	747.1	669.1	596.2	528.2	459.9	391.5
25°	1071.7	1009.8	955.2	904.4	844.9	767.8	686.1	610.0	540.5	470.7	400.9
22.5°	1091.0	1024.3	967.1	916.0	862.7	786.4	702.3	623.9	551.6	480.5	409.4
20°	1107.7	1036.0	976.9	926.7	874.5	801.0	717.4	636.2	561.4	489.2	416.9
17.5°	1121.9	1048.0	987.2	935.4	882.6	813.3	730.6	647.0	570.0	496.7	423.4
15°	1136.4	1060.3	995.9	942.1	889.7	823.4	741.9	656.1	577.2	503.1	429.4
12.5°	1148.8	1069.5	1002.7	947.0	895.6	831.3	751.2	663.6	583.1	509.1	435.1
10°	1158.6	1075.5	1007.5	950.0	900.2	837.0	758.5	670.6	590.2	514.5	439.8
7.5°	1165.4	1078.5	1010.3	951.2	903.5	842.1	765.6	678.3	596.5	518.7	443.4
5°	1170.0	1079.9	1012.1	954.1	905.4	846.9	770.7	684.3	601.6	521.7	446.0
2.5°	1175.4	1080.4	1012.2	956.2	905.5	849.7	773.7	688.6	605.3	523.5	447.6
0°	1177.3	1078.5	1010.2	957.0	903.9	850.7	774.7	691.2	607.6	524.1	448.1
-2.5°	1175.4	1080.4	1012.2	956.2	905.5	849.7	773.7	688.6	605.3	523.5	447.6
-5°	1170.0	1079.9	1012.1	954.1	905.4	846.9	770.7	684.3	601.6	521.7	446.0
-7.5°	1165.4	1078.5	1010.3	951.2	903.5	842.1	765.6	678.3	596.5	518.7	443.4
-10°	1158.6	1075.5	1007.5	950.0	900.2	837.0	758.5	670.6	590.2	514.5	439.8
-12.5°	1148.8	1069.5	1002.7	947.0	895.6	831.3	751.2	663.6	583.1	509.1	435.1
-15°	1136.4	1060.3	995.9	942.1	889.7	823.4	741.9	656.1	577.2	503.1	429.4
-17.5°	1121.9	1048.0	987.2	935.4	882.6	813.3	730.6	647.0	570.0	496.7	423.4
-20°	1107.7	1036.0	976.9	926.7	874.5	801.0	717.4	636.2	561.4	489.2	416.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627875 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-735-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°	1091.0	1024.3	967.1	916.0	862.7	786.4	702.3	623.9	551.6	480.5	409.4
-25°	1071.7	1009.8	955.2	904.4	844.9	767.8	686.1	610.0	540.5	470.7	400.9
-27.5°	1052.4	993.1	941.0	890.8	826.2	747.1	669.1	596.2	528.2	459.9	391.5
-30°	1031.0	975.6	924.5	873.7	807.2	727.0	650.4	581.0	514.7	448.0	381.1
-32.5°	1002.8	955.6	905.7	851.8	784.5	705.3	631.2	564.6	500.0	435.0	369.4
-35°	974.1	931.3	884.6	830.3	758.6	683.1	611.7	547.0	484.2	421.1	356.5
-37.5°	944.2	904.3	861.4	804.9	730.8	658.7	591.6	528.8	467.3	406.2	342.6
-40°	915.1	876.5	835.1	772.7	701.6	632.2	569.8	509.4	449.4	390.4	327.6
-42.5°	885.6	847.1	799.4	738.1	670.5	606.4	546.3	488.9	430.8	372.6	311.6
-45°	853.1	813.3	761.2	701.2	637.7	578.7	522.5	467.2	410.9	353.1	295.2
-47.5°	818.2	774.5	721.9	663.3	605.4	549.8	497.6	443.6	389.9	332.6	278.7
-50°	779.6	734.0	680.8	624.8	570.6	521.4	471.1	418.7	365.9	311.4	261.6
-52.5°	735.1	690.0	637.0	583.9	536.3	491.9	442.0	392.4	341.1	290.7	243.8
-55°	685.8	640.6	589.5	543.0	500.5	458.2	411.5	363.9	315.5	269.6	225.4
-57.5°	630.0	585.8	542.2	501.3	461.3	421.5	379.4	334.5	290.2	247.7	206.5
-60°	572.6	532.4	494.0	456.7	419.8	383.9	346.3	304.7	264.3	225.1	187.0
-62.5°	512.5	477.6	443.6	410.1	378.0	345.8	312.4	274.5	237.5	202.3	167.0
-65°	452.9	422.8	392.1	364.5	336.1	307.0	277.2	243.4	211.1	179.0	147.2
-67.5°	394.4	368.9	343.7	319.0	293.6	267.6	240.9	213.2	184.4	155.3	128.4
-70°	337.3	315.8	294.8	273.0	250.7	228.2	206.9	183.1	157.3	133.4	109.4
-72.5°	282.2	264.9	246.0	226.8	209.4	191.5	173.1	153.3	132.5	111.4	90.0
-75°	230.1	215.0	199.5	184.1	169.5	154.7	141.1	125.5	107.4	89.0	73.3
-77.5°	179.5	167.0	154.1	143.4	133.5	122.7	110.8	97.5	83.0	69.9	57.4
-80°	133.3	125.4	117.1	108.6	100.0	90.6	81.4	71.7	61.1	50.9	41.2
-82.5°	92.5	86.6	80.4	73.9	67.3	60.6	53.6	46.4	38.9	31.7	27.4
-85°	51.7	47.7	43.5	39.3	34.9	30.4	28.0	25.7	23.2	20.8	18.3
-87.5°	20.5	19.5	18.5	17.4	16.3	15.2	14.0	12.8	11.6	10.4	9.1
-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: P627875 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-735-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°	7.9	6.6	5.3	4.0	2.6	1.3	0.0
85°	15.7	13.1	10.5	7.9	5.3	2.6	0.0
82.5°	23.5	19.7	15.8	11.9	7.9	4.0	0.0
80°	32.0	26.2	21.0	15.8	10.5	5.3	0.0
77.5°	45.5	34.3	26.2	19.7	13.1	6.6	0.0
75°	58.9	45.5	32.0	23.5	15.7	7.9	0.0
72.5°	72.1	56.6	40.9	27.4	18.3	9.1	0.0
70°	85.6	67.5	49.6	31.6	20.8	10.4	0.0
67.5°	102.2	78.2	58.2	38.1	23.2	11.6	0.0
65°	118.5	90.3	66.7	44.5	25.7	12.8	0.0
62.5°	134.5	103.6	75.0	50.7	28.0	14.0	0.0
60°	150.1	116.7	83.1	56.8	30.4	15.2	0.0
57.5°	166.6	129.4	93.2	62.7	34.3	16.3	0.0
55°	182.6	141.8	103.1	68.5	38.2	17.4	0.0
52.5°	198.1	154.0	112.7	74.1	41.9	18.5	0.0
50°	212.9	166.2	122.0	79.5	45.5	19.5	0.0
47.5°	227.1	177.9	131.0	85.1	49.0	20.5	0.0
45°	241.2	189.1	139.7	91.6	52.3	21.5	0.0
42.5°	254.7	199.7	147.9	97.8	55.6	22.4	0.0
40°	267.5	209.8	155.9	103.6	58.6	23.3	0.0
37.5°	279.7	219.2	163.5	109.1	61.5	24.1	0.0
35°	291.2	228.5	170.6	114.2	64.3	24.9	0.0
32.5°	302.0	237.4	177.2	118.9	66.8	25.6	0.0
30°	312.3	245.7	183.4	123.2	69.2	26.3	0.0
27.5°	321.7	253.4	188.9	127.1	71.5	27.0	0.0
25°	330.2	260.4	194.0	130.6	73.5	27.6	0.0
22.5°	337.8	266.8	198.8	133.7	75.4	28.1	0.0
20°	344.4	272.3	203.1	136.4	77.1	28.6	0.0
17.5°	350.5	277.0	207.0	138.8	78.6	29.0	0.0
15°	356.0	280.9	210.4	140.7	79.9	29.4	0.0
12.5°	360.8	284.1	213.3	142.3	81.0	29.7	0.0
10°	364.8	286.4	215.8	143.4	81.9	29.9	0.0
7.5°	368.0	288.0	217.7	144.2	82.6	30.1	0.0
5°	370.3	288.9	219.2	144.6	83.1	30.3	0.0
2.5°	371.7	289.1	220.0	144.6	83.4	30.4	0.0
0°	372.2	288.6	220.3	144.3	83.5	30.4	0.0
-2.5°	371.7	289.1	220.0	144.6	83.4	30.4	0.0
-5°	370.3	288.9	219.2	144.6	83.1	30.3	0.0
-7.5°	368.0	288.0	217.7	144.2	82.6	30.1	0.0
-10°	364.8	286.4	215.8	143.4	81.9	29.9	0.0
-12.5°	360.8	284.1	213.3	142.3	81.0	29.7	0.0
-15°	356.0	280.9	210.4	140.7	79.9	29.4	0.0
-17.5°	350.5	277.0	207.0	138.8	78.6	29.0	0.0
-20°	344.4	272.3	203.1	136.4	77.1	28.6	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627875 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	337.8	266.8	198.8	133.7	75.4	28.1	0.0
-25°	330.2	260.4	194.0	130.6	73.5	27.6	0.0
-27.5°	321.7	253.4	188.9	127.1	71.5	27.0	0.0
-30°	312.3	245.7	183.4	123.2	69.2	26.3	0.0
-32.5°	302.0	237.4	177.2	118.9	66.8	25.6	0.0
-35°	291.2	228.5	170.6	114.2	64.3	24.9	0.0
-37.5°	279.7	219.2	163.5	109.1	61.5	24.1	0.0
-40°	267.5	209.8	155.9	103.6	58.6	23.3	0.0
-42.5°	254.7	199.7	147.9	97.8	55.6	22.4	0.0
-45°	241.2	189.1	139.7	91.6	52.3	21.5	0.0
-47.5°	227.1	177.9	131.0	85.1	49.0	20.5	0.0
-50°	212.9	166.2	122.0	79.5	45.5	19.5	0.0
-52.5°	198.1	154.0	112.7	74.1	41.9	18.5	0.0
-55°	182.6	141.8	103.1	68.5	38.2	17.4	0.0
-57.5°	166.6	129.4	93.2	62.7	34.3	16.3	0.0
-60°	150.1	116.7	83.1	56.8	30.4	15.2	0.0
-62.5°	134.5	103.6	75.0	50.7	28.0	14.0	0.0
-65°	118.5	90.3	66.7	44.5	25.7	12.8	0.0
-67.5°	102.2	78.2	58.2	38.1	23.2	11.6	0.0
-70°	85.6	67.5	49.6	31.6	20.8	10.4	0.0
-72.5°	72.1	56.6	40.9	27.4	18.3	9.1	0.0
-75°	58.9	45.5	32.0	23.5	15.7	7.9	0.0
-77.5°	45.5	34.3	26.2	19.7	13.1	6.6	0.0
-80°	32.0	26.2	21.0	15.8	10.5	5.3	0.0
-82.5°	23.5	19.7	15.8	11.9	7.9	4.0	0.0
-85°	15.7	13.1	10.5	7.9	5.3	2.6	0.0
-87.5°	7.9	6.6	5.3	4.0	2.6	1.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)