

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: P627243 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-750-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627243 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3D-750-U-WR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N82
Light Source: (48) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

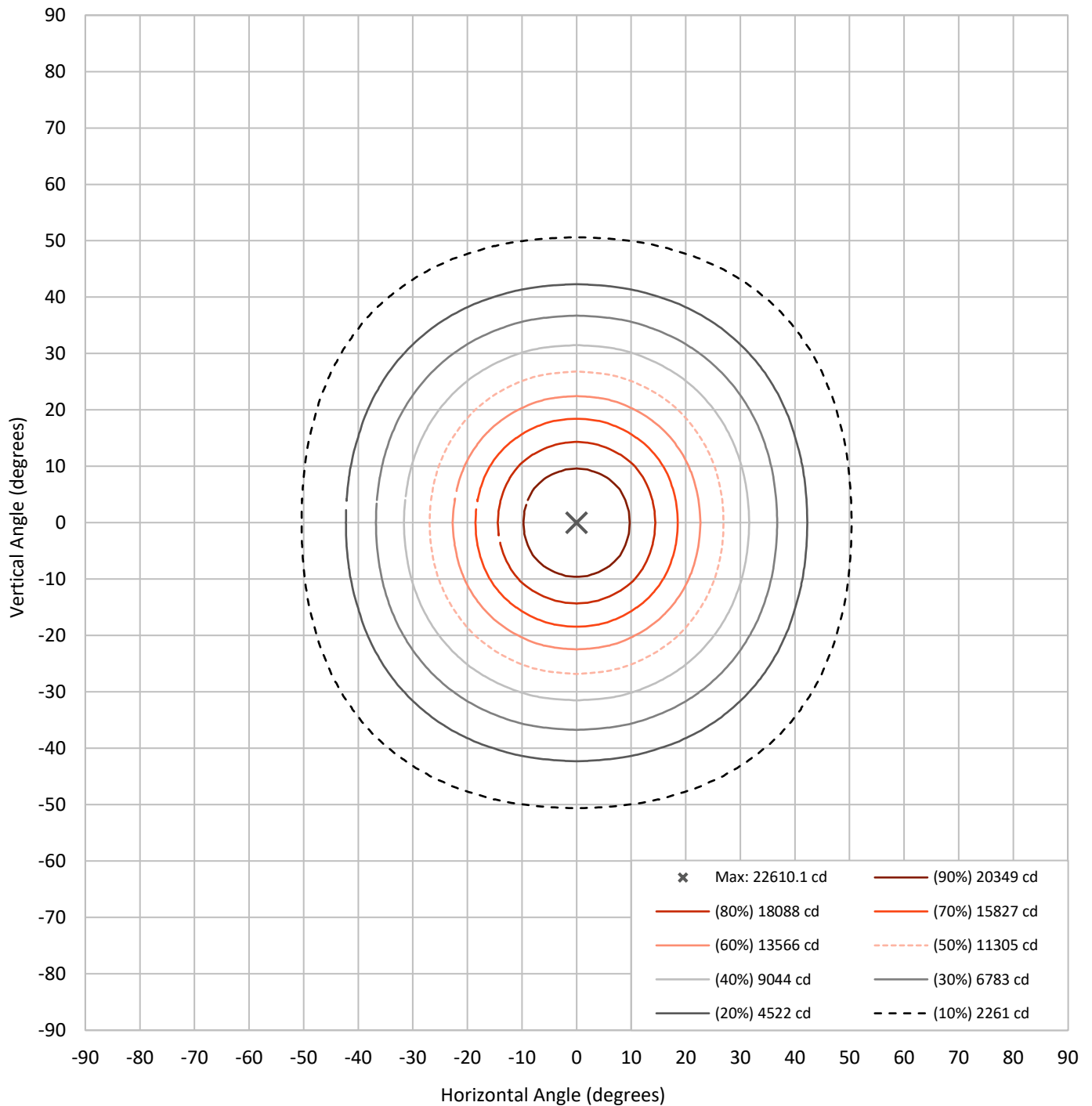
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	23011.8 lumens	Max Intensity:	22610.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	143.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	11002.8 lumens	Field Lumens:	20308.7 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	160.2		
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		



REPORT NUMBER: P627243 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-750-U-WR-XX

Iso-Candela Plot





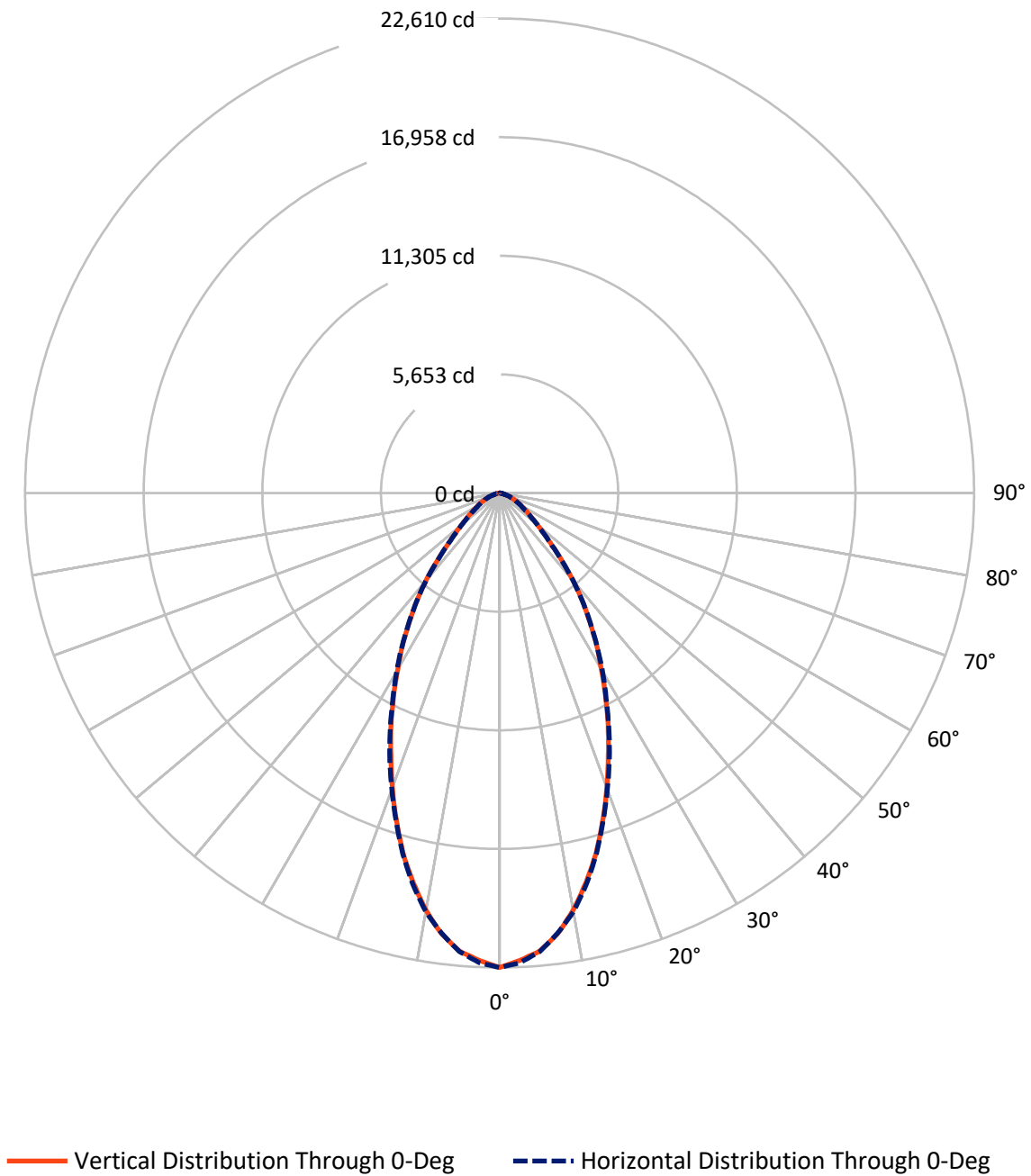
REPORT NUMBER: P627243 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-750-U-WR-XX

Lumen Table

90																			
80	0.9	6.3		14.5		24.1		20.6		24.1		14.5		6.3		0.9			
70																			
60	3.0	3.5	6.6	10.6	15.3	19.9	23.4	25.0	25.0	23.4	19.9	15.3	10.6	6.6	3.5	3.0			
50		5.0	10.0	17.3	26.5	36.4	45.5	50.7	50.7	45.5	36.4	26.5	17.3	10.0	5.0				
40	4.4	6.3	13.8	25.8	43.4	66.8	92.1	109.0	109.0	92.1	66.8	43.4	25.8	13.8	6.3	4.4			
30		7.7	18.1	37.5	72.9	129.5	188.2	223.2	223.2	188.2	129.5	72.9	37.5	18.1	7.7				
20	5.2	9.0	22.5	52.4	117.9	211.9	303.3	362.5	362.5	303.3	211.9	117.9	52.4	22.5	9.0	5.2			
10		10.0	26.4	68.0	160.9	286.2	422.5	519.8	519.8	422.5	286.2	160.9	68.0	26.4	10.0				
0	5.5	10.5	28.6	78.1	185.3	332.7	506.3	636.7	636.7	506.3	332.7	185.3	78.1	28.6	10.5	5.5			
-10		10.5	28.6	78.1	185.3	332.7	506.3	636.7	636.7	506.3	332.7	185.3	78.1	28.6	10.5				
-20	5.2	10.0	26.4	68.0	160.9	286.2	422.5	519.8	519.8	422.5	286.2	160.9	68.0	26.4	10.0	5.2			
-30		9.0	22.5	52.4	117.9	211.9	303.3	362.5	362.5	303.3	211.9	117.9	52.4	22.5	9.0				
-40	4.4	7.7	18.1	37.5	72.9	129.5	188.2	223.2	223.2	188.2	129.5	72.9	37.5	18.1	7.7	4.4			
-50		6.3	13.8	25.8	43.4	66.8	92.1	109.0	109.0	92.1	66.8	43.4	25.8	13.8	6.3				
-60	3.0	5.0	10.0	17.3	26.5	36.4	45.5	50.7	50.7	45.5	36.4	26.5	17.3	10.0	5.0	3.0			
-70		3.5	6.6	10.6	15.3	19.9	23.4	25.0	25.0	23.4	19.9	15.3	10.6	6.6	3.5				
-80																			
-90	0.9	6.3		14.5		24.1		20.6		24.1		14.5		6.3		0.9			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

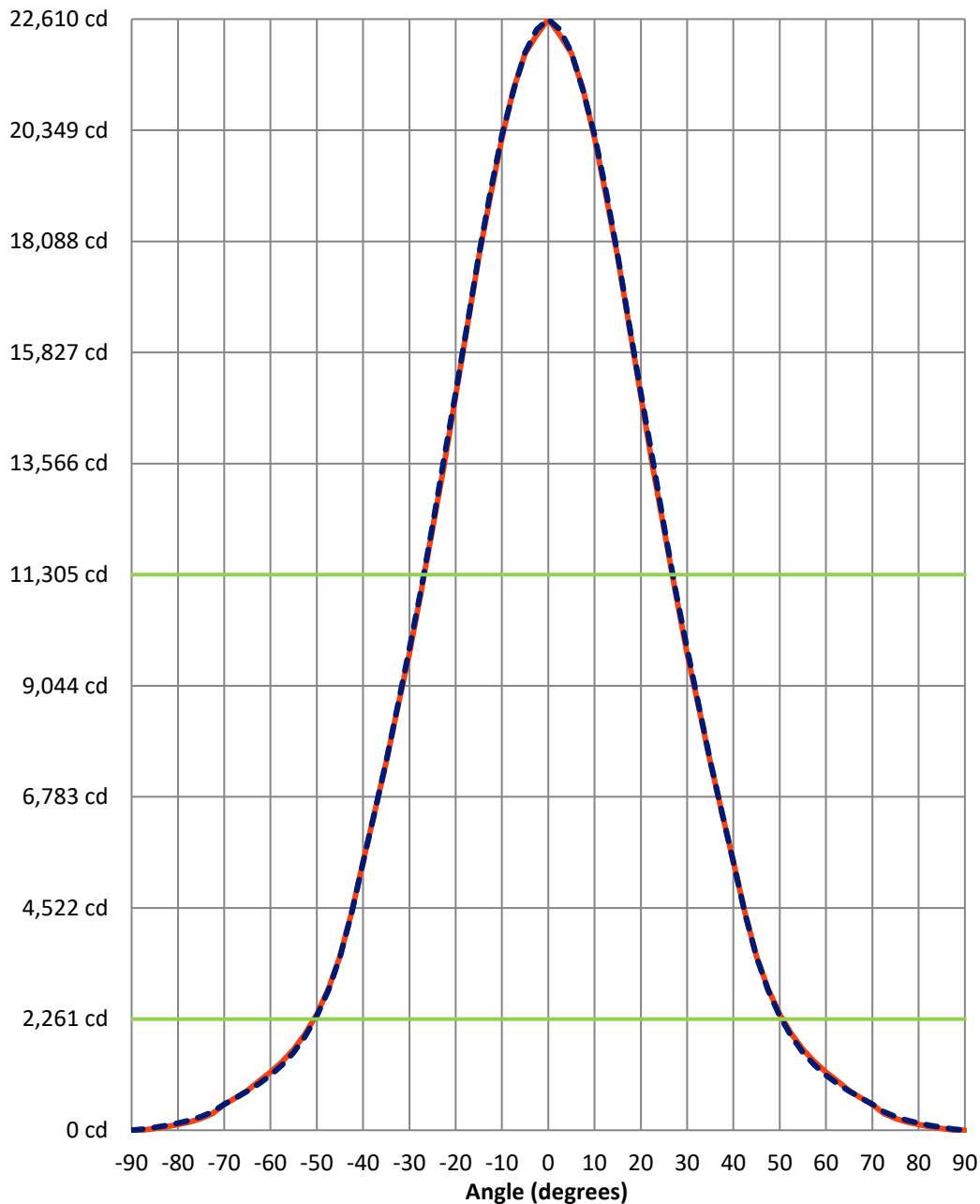
REPORT NUMBER: P627243 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-750-U-WR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627243 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-750-U-WR-XX

Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 11002.8
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 20308.7
 Efficiency: 88.3%

Spill:
 Lumens: 2703.1
 Efficiency: 11.7%

- 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: P627243 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-U-WR-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	1.2	2.6	4.3	6.2	8.4	10.7	11.9	12.8	13.6	14.2
85°	0.0	2.3	5.3	8.6	12.5	16.7	21.4	23.8	25.7	27.2	28.4
82.5°	0.0	3.4	7.9	12.9	18.6	25.0	32.0	35.7	39.3	45.6	51.1
80°	0.0	4.6	10.5	17.2	24.7	33.2	43.5	54.1	63.3	71.6	78.8
77.5°	0.0	5.7	13.1	21.4	30.8	43.2	62.1	75.9	87.3	97.5	107.7
75°	0.0	6.8	15.6	25.5	37.2	56.5	80.3	97.6	111.3	125.2	140.1
72.5°	0.0	7.9	18.0	29.5	46.1	69.3	97.8	118.8	135.3	153.0	171.9
70°	0.0	8.9	20.4	33.7	54.7	81.7	114.4	138.9	159.0	180.4	205.7
67.5°	0.0	10.0	22.8	39.0	62.9	93.5	128.9	158.6	182.1	208.8	239.1
65°	0.0	11.0	25.0	44.0	70.7	104.4	142.6	177.8	205.0	236.1	270.7
62.5°	0.0	12.0	27.2	48.7	78.1	114.3	155.5	196.0	226.9	262.3	300.1
60°	0.0	12.9	29.3	53.2	85.0	123.6	167.7	213.3	247.8	287.6	328.6
57.5°	0.0	13.8	31.8	57.3	91.4	132.3	178.6	228.8	269.0	312.1	354.9
55°	0.0	14.7	34.3	61.2	97.3	140.3	188.7	241.2	289.7	335.5	380.0
52.5°	0.0	15.6	36.6	64.7	102.8	147.6	198.0	254.7	309.5	357.9	404.5
50°	0.0	16.4	38.9	67.9	107.8	154.4	206.4	267.4	328.7	379.7	431.5
47.5°	0.0	17.1	41.0	70.8	112.2	160.4	214.2	278.9	347.6	400.9	457.9
45°	0.0	17.8	43.0	73.7	116.1	165.8	222.9	289.3	361.2	423.8	483.5
42.5°	0.0	18.5	45.0	76.2	119.5	170.4	230.8	299.4	373.6	445.9	510.0
40°	0.0	19.1	46.7	79.0	122.5	174.4	237.6	309.3	385.9	466.5	535.7
37.5°	0.0	19.7	48.4	81.9	125.2	177.6	243.5	318.2	399.4	482.7	560.0
35°	0.0	20.2	50.0	84.5	127.4	181.2	248.3	326.2	412.3	500.6	584.8
32.5°	0.0	20.7	51.4	86.9	129.1	184.7	252.8	333.1	424.6	518.7	610.3
30°	0.0	21.1	52.7	89.1	130.3	187.3	257.8	339.9	436.2	537.0	634.2
27.5°	0.0	21.5	53.8	91.0	133.1	189.2	261.8	348.3	448.3	555.3	656.7
25°	0.0	21.8	54.8	92.6	135.8	190.4	265.0	355.9	461.9	573.3	677.7
22.5°	0.0	22.1	55.7	94.0	138.1	191.9	267.2	362.5	474.8	589.8	700.6
20°	0.0	22.3	56.5	95.2	140.1	195.3	268.5	368.1	486.9	604.7	721.2
17.5°	0.0	22.5	57.1	96.1	141.8	198.2	271.5	372.6	498.1	617.8	739.2
15°	0.0	22.6	57.6	96.8	143.2	200.4	275.2	376.9	508.2	629.1	754.7
12.5°	0.0	22.7	57.9	97.3	144.2	202.1	277.8	380.8	516.7	638.5	767.7
10°	0.0	22.7	58.1	97.5	144.8	203.1	279.4	382.9	523.4	646.3	778.1
7.5°	0.0	22.7	58.2	97.4	145.1	203.5	280.1	383.4	528.0	652.4	786.3
5°	0.0	22.7	58.1	97.1	145.0	203.4	279.8	382.3	530.6	656.5	791.7
2.5°	0.0	22.6	57.9	96.6	144.6	202.6	278.6	379.6	530.9	658.6	794.3
0°	0.0	22.4	57.5	95.9	143.8	201.3	276.5	375.5	528.9	658.4	794.2
-2.5°	0.0	22.6	57.9	96.6	144.6	202.6	278.6	379.6	530.9	658.6	794.3
-5°	0.0	22.7	58.1	97.1	145.0	203.4	279.8	382.3	530.6	656.5	791.7
-7.5°	0.0	22.7	58.2	97.4	145.1	203.5	280.1	383.4	528.0	652.4	786.3
-10°	0.0	22.7	58.1	97.5	144.8	203.1	279.4	382.9	523.4	646.3	778.1
-12.5°	0.0	22.7	57.9	97.3	144.2	202.1	277.8	380.8	516.7	638.5	767.7
-15°	0.0	22.6	57.6	96.8	143.2	200.4	275.2	376.9	508.2	629.1	754.7
-17.5°	0.0	22.5	57.1	96.1	141.8	198.2	271.5	372.6	498.1	617.8	739.2
-20°	0.0	22.3	56.5	95.2	140.1	195.3	268.5	368.1	486.9	604.7	721.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627243 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	22.1	55.7	94.0	138.1	191.9	267.2	362.5	474.8	589.8	700.6
-25°	0.0	21.8	54.8	92.6	135.8	190.4	265.0	355.9	461.9	573.3	677.7
-27.5°	0.0	21.5	53.8	91.0	133.1	189.2	261.8	348.3	448.3	555.3	656.7
-30°	0.0	21.1	52.7	89.1	130.3	187.3	257.8	339.9	436.2	537.0	634.2
-32.5°	0.0	20.7	51.4	86.9	129.1	184.7	252.8	333.1	424.6	518.7	610.3
-35°	0.0	20.2	50.0	84.5	127.4	181.2	248.3	326.2	412.3	500.6	584.8
-37.5°	0.0	19.7	48.4	81.9	125.2	177.6	243.5	318.2	399.4	482.7	560.0
-40°	0.0	19.1	46.7	79.0	122.5	174.4	237.6	309.3	385.9	466.5	535.7
-42.5°	0.0	18.5	45.0	76.2	119.5	170.4	230.8	299.4	373.6	445.9	510.0
-45°	0.0	17.8	43.0	73.7	116.1	165.8	222.9	289.3	361.2	423.8	483.5
-47.5°	0.0	17.1	41.0	70.8	112.2	160.4	214.2	278.9	347.6	400.9	457.9
-50°	0.0	16.4	38.9	67.9	107.8	154.4	206.4	267.4	328.7	379.7	431.5
-52.5°	0.0	15.6	36.6	64.7	102.8	147.6	198.0	254.7	309.5	357.9	404.5
-55°	0.0	14.7	34.3	61.2	97.3	140.3	188.7	241.2	289.7	335.5	380.0
-57.5°	0.0	13.8	31.8	57.3	91.4	132.3	178.6	228.8	269.0	312.1	354.9
-60°	0.0	12.9	29.3	53.2	85.0	123.6	167.7	213.3	247.8	287.6	328.6
-62.5°	0.0	12.0	27.2	48.7	78.1	114.3	155.5	196.0	226.9	262.3	300.1
-65°	0.0	11.0	25.0	44.0	70.7	104.4	142.6	177.8	205.0	236.1	270.7
-67.5°	0.0	10.0	22.8	39.0	62.9	93.5	128.9	158.6	182.1	208.8	239.1
-70°	0.0	8.9	20.4	33.7	54.7	81.7	114.4	138.9	159.0	180.4	205.7
-72.5°	0.0	7.9	18.0	29.5	46.1	69.3	97.8	118.8	135.3	153.0	171.9
-75°	0.0	6.8	15.6	25.5	37.2	56.5	80.3	97.6	111.3	125.2	140.1
-77.5°	0.0	5.7	13.1	21.4	30.8	43.2	62.1	75.9	87.3	97.5	107.7
-80°	0.0	4.6	10.5	17.2	24.7	33.2	43.5	54.1	63.3	71.6	78.8
-82.5°	0.0	3.4	7.9	12.9	18.6	25.0	32.0	35.7	39.3	45.6	51.1
-85°	0.0	2.3	5.3	8.6	12.5	16.7	21.4	23.8	25.7	27.2	28.4
-87.5°	0.0	1.2	2.6	4.3	6.2	8.4	10.7	11.9	12.8	13.6	14.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627243 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-U-WR-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°	14.4	14.4	14.2	13.8	13.2	12.4	11.4	10.2	10.6	11.0	11.4
85°	28.9	28.9	31.2	33.4	34.5	34.6	33.9	32.4	36.6	41.5	46.6
82.5°	56.3	61.2	65.8	70.1	70.5	69.4	67.3	64.7	73.3	83.6	94.5
80°	86.2	93.4	101.7	109.5	111.3	110.5	108.1	104.2	115.5	131.4	148.6
77.5°	119.7	131.1	141.7	151.5	154.4	154.0	152.2	149.0	163.3	185.4	208.3
75°	155.0	168.8	182.5	194.5	199.7	200.1	199.5	202.9	221.8	247.6	270.4
72.5°	191.7	209.3	224.8	238.1	246.3	252.7	261.0	271.3	290.4	315.7	338.1
70°	230.6	250.2	266.5	281.1	293.8	307.6	325.3	342.9	362.9	388.2	411.5
67.5°	269.0	288.8	307.2	325.3	348.3	370.5	392.5	415.4	440.7	467.3	490.8
65°	304.5	326.9	349.4	375.6	405.7	430.7	457.9	487.7	520.8	550.8	578.0
62.5°	338.6	363.9	391.7	423.4	455.9	487.3	523.7	562.0	600.8	638.3	675.6
60°	367.5	398.9	432.6	468.5	506.0	548.7	591.4	637.0	683.3	728.5	774.6
57.5°	395.1	434.1	472.9	514.7	561.4	610.2	661.5	712.9	768.2	822.9	875.2
55°	423.9	469.7	514.0	563.4	617.0	674.4	732.3	794.5	855.6	924.5	988.1
52.5°	454.6	504.5	556.5	613.1	675.7	740.4	808.2	879.6	955.7	1032.3	1109.9
50°	484.6	540.8	598.7	666.3	736.4	810.3	888.7	971.8	1060.4	1149.0	1243.0
47.5°	515.9	575.9	646.6	720.1	800.3	884.5	973.3	1072.1	1170.5	1282.1	1389.9
45°	546.8	615.8	692.5	777.9	866.0	960.8	1066.3	1174.8	1300.6	1426.6	1568.3
42.5°	576.5	656.0	742.6	833.9	934.2	1043.1	1159.9	1296.4	1438.1	1594.1	1760.3
40°	610.6	694.4	792.0	894.1	1002.7	1127.2	1267.7	1419.3	1592.2	1777.0	1965.9
37.5°	643.6	737.9	840.7	951.4	1077.5	1217.7	1372.9	1558.7	1758.1	1968.3	2225.2
35°	674.6	779.2	890.9	1012.2	1148.8	1311.2	1496.8	1702.1	1931.9	2203.0	2502.8
32.5°	707.5	818.3	938.2	1074.4	1228.9	1406.4	1617.2	1858.8	2130.9	2439.5	2814.6
30°	740.7	858.5	985.3	1132.6	1304.5	1509.9	1749.4	2016.5	2329.4	2716.6	3156.9
27.5°	771.4	896.1	1035.0	1194.3	1378.1	1605.3	1876.5	2189.6	2558.3	2995.8	3510.2
25°	799.6	930.4	1080.7	1253.1	1459.1	1708.4	2002.4	2349.1	2787.2	3308.9	3941.7
22.5°	826.4	961.6	1122.0	1305.9	1532.2	1808.2	2139.1	2535.8	3020.1	3605.6	4364.5
20°	851.6	995.3	1163.0	1356.4	1597.4	1898.2	2264.7	2710.1	3261.2	3954.3	4779.0
17.5°	873.8	1025.1	1201.8	1411.1	1670.2	1989.8	2383.2	2863.9	3475.8	4265.7	5161.5
15°	892.8	1050.7	1235.3	1458.4	1735.7	2080.7	2507.6	3032.7	3699.6	4548.9	5497.4
12.5°	908.7	1072.2	1263.5	1498.2	1790.8	2157.7	2613.8	3183.0	3917.6	4815.6	5792.3
10°	921.3	1089.4	1286.2	1530.4	1835.2	2220.1	2701.3	3306.0	4099.1	5044.3	6041.7
7.5°	931.8	1102.9	1303.6	1554.7	1868.8	2267.8	2769.5	3400.9	4240.9	5225.4	6233.1
5°	939.3	1112.6	1316.9	1571.8	1893.4	2301.1	2817.1	3467.3	4341.8	5356.6	6364.0
2.5°	943.5	1117.8	1324.4	1580.9	1908.5	2320.0	2842.1	3509.0	4397.2	5431.4	6443.1
0°	944.4	1118.6	1326.3	1582.0	1912.8	2323.5	2846.0	3522.0	4408.9	5450.8	6471.9
-2.5°	943.5	1117.8	1324.4	1580.9	1908.5	2320.0	2842.1	3509.0	4397.2	5431.4	6443.1
-5°	939.3	1112.6	1316.9	1571.8	1893.4	2301.1	2817.1	3467.3	4341.8	5356.6	6364.0
-7.5°	931.8	1102.9	1303.6	1554.7	1868.8	2267.8	2769.5	3400.9	4240.9	5225.4	6233.1
-10°	921.3	1089.4	1286.2	1530.4	1835.2	2220.1	2701.3	3306.0	4099.1	5044.3	6041.7
-12.5°	908.7	1072.2	1263.5	1498.2	1790.8	2157.7	2613.8	3183.0	3917.6	4815.6	5792.3
-15°	892.8	1050.7	1235.3	1458.4	1735.7	2080.7	2507.6	3032.7	3699.6	4548.9	5497.4
-17.5°	873.8	1025.1	1201.8	1411.1	1670.2	1989.8	2383.2	2863.9	3475.8	4265.7	5161.5
-20°	851.6	995.3	1163.0	1356.4	1597.4	1898.2	2264.7	2710.1	3261.2	3954.3	4779.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627243 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	826.4	961.6	1122.0	1305.9	1532.2	1808.2	2139.1	2535.8	3020.1	3605.6	4364.5
-25°	799.6	930.4	1080.7	1253.1	1459.1	1708.4	2002.4	2349.1	2787.2	3308.9	3941.7
-27.5°	771.4	896.1	1035.0	1194.3	1378.1	1605.3	1876.5	2189.6	2558.3	2995.8	3510.2
-30°	740.7	858.5	985.3	1132.6	1304.5	1509.9	1749.4	2016.5	2329.4	2716.6	3156.9
-32.5°	707.5	818.3	938.2	1074.4	1228.9	1406.4	1617.2	1858.8	2130.9	2439.5	2814.6
-35°	674.6	779.2	890.9	1012.2	1148.8	1311.2	1496.8	1702.1	1931.9	2203.0	2502.8
-37.5°	643.6	737.9	840.7	951.4	1077.5	1217.7	1372.9	1558.7	1758.1	1968.3	2225.2
-40°	610.6	694.4	792.0	894.1	1002.7	1127.2	1267.7	1419.3	1592.2	1777.0	1965.9
-42.5°	576.5	656.0	742.6	833.9	934.2	1043.1	1159.9	1296.4	1438.1	1594.1	1760.3
-45°	546.8	615.8	692.5	777.9	866.0	960.8	1066.3	1174.8	1300.6	1426.6	1568.3
-47.5°	515.9	575.9	646.6	720.1	800.3	884.5	973.3	1072.1	1170.5	1282.1	1389.9
-50°	484.6	540.8	598.7	666.3	736.4	810.3	888.7	971.8	1060.4	1149.0	1243.0
-52.5°	454.6	504.5	556.5	613.1	675.7	740.4	808.2	879.6	955.7	1032.3	1109.9
-55°	423.9	469.7	514.0	563.4	617.0	674.4	732.3	794.5	855.6	924.5	988.1
-57.5°	395.1	434.1	472.9	514.7	561.4	610.2	661.5	712.9	768.2	822.9	875.2
-60°	367.5	398.9	432.6	468.5	506.0	548.7	591.4	637.0	683.3	728.5	774.6
-62.5°	338.6	363.9	391.7	423.4	455.9	487.3	523.7	562.0	600.8	638.3	675.6
-65°	304.5	326.9	349.4	375.6	405.7	430.7	457.9	487.7	520.8	550.8	578.0
-67.5°	269.0	288.8	307.2	325.3	348.3	370.5	392.5	415.4	440.7	467.3	490.8
-70°	230.6	250.2	266.5	281.1	293.8	307.6	325.3	342.9	362.9	388.2	411.5
-72.5°	191.7	209.3	224.8	238.1	246.3	252.7	261.0	271.3	290.4	315.7	338.1
-75°	155.0	168.8	182.5	194.5	199.7	200.1	199.5	202.9	221.8	247.6	270.4
-77.5°	119.7	131.1	141.7	151.5	154.4	154.0	152.2	149.0	163.3	185.4	208.3
-80°	86.2	93.4	101.7	109.5	111.3	110.5	108.1	104.2	115.5	131.4	148.6
-82.5°	56.3	61.2	65.8	70.1	70.5	69.4	67.3	64.7	73.3	83.6	94.5
-85°	28.9	28.9	31.2	33.4	34.5	34.6	33.9	32.4	36.6	41.5	46.6
-87.5°	14.4	14.4	14.2	13.8	13.2	12.4	11.4	10.2	10.6	11.0	11.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627243 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-750-U-WR-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°	11.8	11.5	11.1	10.6	10.2	10.0	9.8	9.5	9.3	8.6	7.9
85°	52.0	53.1	53.8	54.1	54.1	55.8	57.4	58.9	60.2	54.6	48.4
82.5°	105.7	110.6	115.0	119.3	123.6	126.5	128.7	130.3	131.4	118.9	104.9
80°	166.3	176.7	185.4	193.6	201.5	203.5	203.4	202.3	200.1	183.1	163.8
77.5°	231.3	245.0	255.8	266.5	277.1	281.0	282.8	284.3	285.3	264.2	238.3
75°	290.3	306.5	321.7	335.8	348.7	355.6	359.7	363.0	365.5	344.4	316.6
72.5°	357.5	374.7	391.1	406.7	420.5	429.6	435.5	440.4	444.3	432.2	414.8
70°	431.4	449.3	466.6	482.8	498.4	510.6	520.2	528.5	535.5	536.8	536.2
67.5°	513.5	534.6	555.2	572.9	591.3	608.6	623.8	636.5	646.6	653.2	657.0
65°	605.7	637.3	665.4	689.3	709.2	732.3	752.7	768.3	779.2	787.6	794.7
62.5°	714.2	752.6	784.7	816.5	849.3	881.2	901.2	921.2	940.7	959.2	974.9
60°	818.7	860.7	904.3	944.9	982.5	1017.1	1052.9	1084.6	1112.4	1135.6	1152.9
57.5°	930.1	981.2	1030.7	1082.3	1130.9	1176.1	1220.3	1261.1	1296.4	1326.1	1350.4
55°	1050.9	1113.5	1172.4	1237.8	1301.3	1359.1	1412.4	1467.0	1516.3	1559.6	1593.9
52.5°	1181.2	1262.6	1340.6	1417.4	1499.6	1573.9	1640.3	1716.0	1783.1	1838.6	1881.9
50°	1336.8	1432.4	1535.3	1630.6	1734.3	1836.5	1930.7	2021.9	2111.2	2188.4	2250.8
47.5°	1514.0	1631.6	1759.2	1885.5	2014.2	2153.9	2278.5	2394.3	2519.1	2627.4	2714.3
45°	1710.9	1860.9	2014.9	2192.4	2356.0	2535.4	2701.5	2850.6	3027.5	3183.4	3308.9
42.5°	1929.3	2129.2	2331.7	2555.3	2772.3	3000.1	3242.1	3456.7	3691.4	3915.1	4095.9
40°	2200.1	2439.0	2710.3	2981.0	3292.3	3584.9	3937.3	4257.7	4548.6	4815.3	5034.0
37.5°	2501.0	2808.6	3149.4	3501.9	3928.0	4345.7	4758.2	5147.7	5491.6	5783.6	6028.6
35°	2842.7	3233.4	3646.2	4160.8	4660.1	5160.3	5626.3	6052.0	6426.1	6755.5	7035.6
32.5°	3235.6	3704.5	4282.5	4860.6	5430.0	5980.8	6492.4	6956.8	7367.0	7736.9	8059.0
30°	3648.7	4288.6	4937.2	5571.4	6193.4	6796.6	7358.2	7869.6	8333.1	8744.9	9116.0
27.5°	4173.7	4882.7	5590.0	6273.7	6958.0	7618.3	8226.8	8794.9	9326.8	9792.1	10216.4
25°	4681.4	5464.8	6216.6	6962.1	7707.0	8415.8	9096.2	9738.0	10347.1	10881.2	11354.8
22.5°	5189.1	6009.0	6812.5	7614.1	8414.1	9204.4	9968.4	10703.6	11384.9	11993.0	12526.1
20°	5659.3	6516.4	7375.6	8239.7	9107.0	9972.1	10830.1	11657.5	12416.4	13118.6	13735.7
17.5°	6080.8	6992.4	7903.4	8827.7	9767.9	10707.0	11660.2	12587.7	13455.3	14254.2	14970.1
15°	6454.1	7405.3	8383.7	9381.1	10390.7	11410.6	12450.7	13488.5	14465.1	15372.6	16171.7
12.5°	6780.5	7769.4	8794.8	9854.7	10950.3	12061.5	13196.6	14334.2	15415.3	16463.0	17325.9
10°	7049.8	8079.1	9150.8	10264.4	11419.9	12615.8	13833.6	15058.2	16249.3	17360.7	18347.5
7.5°	7257.9	8325.6	9430.0	10588.2	11800.5	13061.6	14351.7	15651.1	16922.3	18119.8	19211.7
5°	7404.6	8505.1	9623.4	10828.1	12082.6	13389.4	14730.2	16084.4	17413.2	18672.4	19803.9
2.5°	7489.8	8612.9	9736.0	10973.9	12250.3	13587.7	14965.0	16341.3	17705.3	19011.2	20174.0
0°	7512.2	8645.2	9800.5	10989.4	12303.0	13680.5	15008.4	16389.1	17806.5	19094.5	20253.1
-2.5°	7489.8	8612.9	9736.0	10973.9	12250.3	13587.7	14965.0	16341.3	17705.3	19011.2	20174.0
-5°	7404.6	8505.1	9623.4	10828.1	12082.6	13389.4	14730.2	16084.4	17413.2	18672.4	19803.9
-7.5°	7257.9	8325.6	9430.0	10588.2	11800.5	13061.6	14351.7	15651.1	16922.3	18119.8	19211.7
-10°	7049.8	8079.1	9150.8	10264.4	11419.9	12615.8	13833.6	15058.2	16249.3	17360.7	18347.5
-12.5°	6780.5	7769.4	8794.8	9854.7	10950.3	12061.5	13196.6	14334.2	15415.3	16463.0	17325.9
-15°	6454.1	7405.3	8383.7	9381.1	10390.7	11410.6	12450.7	13488.5	14465.1	15372.6	16171.7
-17.5°	6080.8	6992.4	7903.4	8827.7	9767.9	10707.0	11660.2	12587.7	13455.3	14254.2	14970.1
-20°	5659.3	6516.4	7375.6	8239.7	9107.0	9972.1	10830.1	11657.5	12416.4	13118.6	13735.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627243 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5189.1	6009.0	6812.5	7614.1	8414.1	9204.4	9968.4	10703.6	11384.9	11993.0	12526.1
-25°	4681.4	5464.8	6216.6	6962.1	7707.0	8415.8	9096.2	9738.0	10347.1	10881.2	11354.8
-27.5°	4173.7	4882.7	5590.0	6273.7	6958.0	7618.3	8226.8	8794.9	9326.8	9792.1	10216.4
-30°	3648.7	4288.6	4937.2	5571.4	6193.4	6796.6	7358.2	7869.6	8333.1	8744.9	9116.0
-32.5°	3235.6	3704.5	4282.5	4860.6	5430.0	5980.8	6492.4	6956.8	7367.0	7736.9	8059.0
-35°	2842.7	3233.4	3646.2	4160.8	4660.1	5160.3	5626.3	6052.0	6426.1	6755.5	7035.6
-37.5°	2501.0	2808.6	3149.4	3501.9	3928.0	4345.7	4758.2	5147.7	5491.6	5783.6	6028.6
-40°	2200.1	2439.0	2710.3	2981.0	3292.3	3584.9	3937.3	4257.7	4548.6	4815.3	5034.0
-42.5°	1929.3	2129.2	2331.7	2555.3	2772.3	3000.1	3242.1	3456.7	3691.4	3915.1	4095.9
-45°	1710.9	1860.9	2014.9	2192.4	2356.0	2535.4	2701.5	2850.6	3027.5	3183.4	3308.9
-47.5°	1514.0	1631.6	1759.2	1885.5	2014.2	2153.9	2278.5	2394.3	2519.1	2627.4	2714.3
-50°	1336.8	1432.4	1535.3	1630.6	1734.3	1836.5	1930.7	2021.9	2111.2	2188.4	2250.8
-52.5°	1181.2	1262.6	1340.6	1417.4	1499.6	1573.9	1640.3	1716.0	1783.1	1838.6	1881.9
-55°	1050.9	1113.5	1172.4	1237.8	1301.3	1359.1	1412.4	1467.0	1516.3	1559.6	1593.9
-57.5°	930.1	981.2	1030.7	1082.3	1130.9	1176.1	1220.3	1261.1	1296.4	1326.1	1350.4
-60°	818.7	860.7	904.3	944.9	982.5	1017.1	1052.9	1084.6	1112.4	1135.6	1152.9
-62.5°	714.2	752.6	784.7	816.5	849.3	881.2	901.2	921.2	940.7	959.2	974.9
-65°	605.7	637.3	665.4	689.3	709.2	732.3	752.7	768.3	779.2	787.6	794.7
-67.5°	513.5	534.6	555.2	572.9	591.3	608.6	623.8	636.5	646.6	653.2	657.0
-70°	431.4	449.3	466.6	482.8	498.4	510.6	520.2	528.5	535.5	536.8	536.2
-72.5°	357.5	374.7	391.1	406.7	420.5	429.6	435.5	440.4	444.3	432.2	414.8
-75°	290.3	306.5	321.7	335.8	348.7	355.6	359.7	363.0	365.5	344.4	316.6
-77.5°	231.3	245.0	255.8	266.5	277.1	281.0	282.8	284.3	285.3	264.2	238.3
-80°	166.3	176.7	185.4	193.6	201.5	203.5	203.4	202.3	200.1	183.1	163.8
-82.5°	105.7	110.6	115.0	119.3	123.6	126.5	128.7	130.3	131.4	118.9	104.9
-85°	52.0	53.1	53.8	54.1	54.1	55.8	57.4	58.9	60.2	54.6	48.4
-87.5°	11.8	11.5	11.1	10.6	10.2	10.0	9.8	9.5	9.3	8.6	7.9
-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: P627243 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-U-WR-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°	7.1	6.4	5.6	4.8	5.6	6.4	7.1	7.9	8.6	9.3	9.5
85°	41.9	35.0	34.3	33.6	34.3	35.0	41.9	48.4	54.6	60.2	58.9
82.5°	90.2	74.9	72.6	70.3	72.6	74.9	90.2	104.9	118.9	131.4	130.3
80°	143.7	122.9	118.9	115.1	118.9	122.9	143.7	163.8	183.1	200.1	202.3
77.5°	210.9	182.5	174.1	166.2	174.1	182.5	210.9	238.3	264.2	285.3	284.3
75°	287.7	257.7	247.6	238.1	247.6	257.7	287.7	316.6	344.4	365.5	363.0
72.5°	397.2	379.0	360.5	340.4	360.5	379.0	397.2	414.8	432.2	444.3	440.4
70°	535.6	534.3	529.7	522.5	529.7	534.3	535.6	536.2	536.8	535.5	528.5
67.5°	658.6	658.1	659.7	660.0	659.7	658.1	658.6	657.0	653.2	646.6	636.5
65°	799.1	800.6	803.9	805.4	803.9	800.6	799.1	794.7	787.6	779.2	768.3
62.5°	987.0	995.2	999.2	998.7	999.2	995.2	987.0	974.9	959.2	940.7	921.2
60°	1165.8	1174.2	1179.6	1180.9	1179.6	1174.2	1165.8	1152.9	1135.6	1112.4	1084.6
57.5°	1369.6	1383.5	1390.9	1391.9	1390.9	1383.5	1369.6	1350.4	1326.1	1296.4	1261.1
55°	1620.2	1638.6	1646.9	1645.9	1646.9	1638.6	1620.2	1593.9	1559.6	1516.3	1467.0
52.5°	1914.6	1937.0	1953.8	1963.9	1953.8	1937.0	1914.6	1881.9	1838.6	1783.1	1716.0
50°	2297.7	2329.8	2350.3	2358.6	2350.3	2329.8	2297.7	2250.8	2188.4	2111.2	2021.9
47.5°	2777.1	2819.7	2851.2	2873.2	2851.2	2819.7	2777.1	2714.3	2627.4	2519.1	2394.3
45°	3401.6	3466.5	3510.6	3536.4	3510.6	3466.5	3401.6	3308.9	3183.4	3027.5	2850.6
42.5°	4237.1	4337.9	4399.6	4423.3	4399.6	4337.9	4237.1	4095.9	3915.1	3691.4	3456.7
40°	5206.6	5327.7	5407.1	5462.0	5407.1	5327.7	5206.6	5034.0	4815.3	4548.6	4257.7
37.5°	6216.5	6343.6	6421.0	6473.5	6421.0	6343.6	6216.5	6028.6	5783.6	5491.6	5147.7
35°	7246.8	7379.8	7452.4	7493.0	7452.4	7379.8	7246.8	7035.6	6755.5	6426.1	6052.0
32.5°	8304.5	8451.2	8530.1	8611.6	8530.1	8451.2	8304.5	8059.0	7736.9	7367.0	6956.8
30°	9409.2	9577.5	9660.1	9699.9	9660.1	9577.5	9409.2	9116.0	8744.9	8333.1	7869.6
27.5°	10558.7	10768.5	10871.8	10939.9	10871.8	10768.5	10558.7	10216.4	9792.1	9326.8	8794.9
25°	11754.8	12014.8	12133.2	12239.1	12133.2	12014.8	11754.8	11354.8	10881.2	10347.1	9738.0
22.5°	12995.8	13319.6	13456.6	13531.9	13456.6	13319.6	12995.8	12526.1	11993.0	11384.9	10703.6
20°	14269.2	14656.0	14846.4	14944.5	14846.4	14656.0	14269.2	13735.7	13118.6	12416.4	11657.5
17.5°	15571.3	16052.5	16298.9	16355.5	16298.9	16052.5	15571.3	14970.1	14254.2	13455.3	12587.7
15°	16849.6	17370.1	17661.4	17768.2	17661.4	17370.1	16849.6	16171.7	15372.6	14465.1	13488.5
12.5°	18060.3	18599.7	18947.8	19009.8	18947.8	18599.7	18060.3	17325.9	16463.0	15415.3	14334.2
10°	19158.2	19717.0	20101.5	20189.1	20101.5	19717.0	19158.2	18347.5	17360.7	16249.3	15058.2
7.5°	20076.1	20689.2	21114.0	21187.9	21114.0	20689.2	20076.1	19211.7	18119.8	16922.3	15651.1
5°	20747.6	21475.6	21824.3	21911.8	21824.3	21475.6	20747.6	19803.9	18672.4	17413.2	16084.4
2.5°	21116.0	21857.0	22341.7	22285.7	22341.7	21857.0	21116.0	20174.0	19011.2	17705.3	16341.3
0°	21157.5	21932.5	22396.0	22610.1	22396.0	21932.5	21157.5	20253.1	19094.5	17806.5	16389.1
-2.5°	21116.0	21857.0	22341.7	22285.7	22341.7	21857.0	21116.0	20174.0	19011.2	17705.3	16341.3
-5°	20747.6	21475.6	21824.3	21911.8	21824.3	21475.6	20747.6	19803.9	18672.4	17413.2	16084.4
-7.5°	20076.1	20689.2	21114.0	21187.9	21114.0	20689.2	20076.1	19211.7	18119.8	16922.3	15651.1
-10°	19158.2	19717.0	20101.5	20189.1	20101.5	19717.0	19158.2	18347.5	17360.7	16249.3	15058.2
-12.5°	18060.3	18599.7	18947.8	19009.8	18947.8	18599.7	18060.3	17325.9	16463.0	15415.3	14334.2
-15°	16849.6	17370.1	17661.4	17768.2	17661.4	17370.1	16849.6	16171.7	15372.6	14465.1	13488.5
-17.5°	15571.3	16052.5	16298.9	16355.5	16298.9	16052.5	15571.3	14970.1	14254.2	13455.3	12587.7
-20°	14269.2	14656.0	14846.4	14944.5	14846.4	14656.0	14269.2	13735.7	13118.6	12416.4	11657.5



REPORT NUMBER: P627243 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	12995.8	13319.6	13456.6	13531.9	13456.6	13319.6	12995.8	12526.1	11993.0	11384.9	10703.6
-25°	11754.8	12014.8	12133.2	12239.1	12133.2	12014.8	11754.8	11354.8	10881.2	10347.1	9738.0
-27.5°	10558.7	10768.5	10871.8	10939.9	10871.8	10768.5	10558.7	10216.4	9792.1	9326.8	8794.9
-30°	9409.2	9577.5	9660.1	9699.9	9660.1	9577.5	9409.2	9116.0	8744.9	8333.1	7869.6
-32.5°	8304.5	8451.2	8530.1	8611.6	8530.1	8451.2	8304.5	8059.0	7736.9	7367.0	6956.8
-35°	7246.8	7379.8	7452.4	7493.0	7452.4	7379.8	7246.8	7035.6	6755.5	6426.1	6052.0
-37.5°	6216.5	6343.6	6421.0	6473.5	6421.0	6343.6	6216.5	6028.6	5783.6	5491.6	5147.7
-40°	5206.6	5327.7	5407.1	5462.0	5407.1	5327.7	5206.6	5034.0	4815.3	4548.6	4257.7
-42.5°	4237.1	4337.9	4399.6	4423.3	4399.6	4337.9	4237.1	4095.9	3915.1	3691.4	3456.7
-45°	3401.6	3466.5	3510.6	3536.4	3510.6	3466.5	3401.6	3308.9	3183.4	3027.5	2850.6
-47.5°	2777.1	2819.7	2851.2	2873.2	2851.2	2819.7	2777.1	2714.3	2627.4	2519.1	2394.3
-50°	2297.7	2329.8	2350.3	2358.6	2350.3	2329.8	2297.7	2250.8	2188.4	2111.2	2021.9
-52.5°	1914.6	1937.0	1953.8	1963.9	1953.8	1937.0	1914.6	1881.9	1838.6	1783.1	1716.0
-55°	1620.2	1638.6	1646.9	1645.9	1646.9	1638.6	1620.2	1593.9	1559.6	1516.3	1467.0
-57.5°	1369.6	1383.5	1390.9	1391.9	1390.9	1383.5	1369.6	1350.4	1326.1	1296.4	1261.1
-60°	1165.8	1174.2	1179.6	1180.9	1179.6	1174.2	1165.8	1152.9	1135.6	1112.4	1084.6
-62.5°	987.0	995.2	999.2	998.7	999.2	995.2	987.0	974.9	959.2	940.7	921.2
-65°	799.1	800.6	803.9	805.4	803.9	800.6	799.1	794.7	787.6	779.2	768.3
-67.5°	658.6	658.1	659.7	660.0	659.7	658.1	658.6	657.0	653.2	646.6	636.5
-70°	535.6	534.3	529.7	522.5	529.7	534.3	535.6	536.2	536.8	535.5	528.5
-72.5°	397.2	379.0	360.5	340.4	360.5	379.0	397.2	414.8	432.2	444.3	440.4
-75°	287.7	257.7	247.6	238.1	247.6	257.7	287.7	316.6	344.4	365.5	363.0
-77.5°	210.9	182.5	174.1	166.2	174.1	182.5	210.9	238.3	264.2	285.3	284.3
-80°	143.7	122.9	118.9	115.1	118.9	122.9	143.7	163.8	183.1	200.1	202.3
-82.5°	90.2	74.9	72.6	70.3	72.6	74.9	90.2	104.9	118.9	131.4	130.3
-85°	41.9	35.0	34.3	33.6	34.3	35.0	41.9	48.4	54.6	60.2	58.9
-87.5°	7.1	6.4	5.6	4.8	5.6	6.4	7.1	7.9	8.6	9.3	9.5
-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: P627243 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-750-U-WR-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°	9.8	10.0	10.2	10.6	11.1	11.5	11.8	11.4	11.0	10.6	10.2
85°	57.4	55.8	54.1	54.1	53.8	53.1	52.0	46.6	41.5	36.6	32.4
82.5°	128.7	126.5	123.6	119.3	115.0	110.6	105.7	94.5	83.6	73.3	64.7
80°	203.4	203.5	201.5	193.6	185.4	176.7	166.3	148.6	131.4	115.5	104.2
77.5°	282.8	281.0	277.1	266.5	255.8	245.0	231.3	208.3	185.4	163.3	149.0
75°	359.7	355.6	348.7	335.8	321.7	306.5	290.3	270.4	247.6	221.8	202.9
72.5°	435.5	429.6	420.5	406.7	391.1	374.7	357.5	338.1	315.7	290.4	271.3
70°	520.2	510.6	498.4	482.8	466.6	449.3	431.4	411.5	388.2	362.9	342.9
67.5°	623.8	608.6	591.3	572.9	555.2	534.6	513.5	490.8	467.3	440.7	415.4
65°	752.7	732.3	709.2	689.3	665.4	637.3	605.7	578.0	550.8	520.8	487.7
62.5°	901.2	881.2	849.3	816.5	784.7	752.6	714.2	675.6	638.3	600.8	562.0
60°	1052.9	1017.1	982.5	944.9	904.3	860.7	818.7	774.6	728.5	683.3	637.0
57.5°	1220.3	1176.1	1130.9	1082.3	1030.7	981.2	930.1	875.2	822.9	768.2	712.9
55°	1412.4	1359.1	1301.3	1237.8	1172.4	1113.5	1050.9	988.1	924.5	855.6	794.5
52.5°	1640.3	1573.9	1499.6	1417.4	1340.6	1262.6	1181.2	1109.9	1032.3	955.7	879.6
50°	1930.7	1836.5	1734.3	1630.6	1535.3	1432.4	1336.8	1243.0	1149.0	1060.4	971.8
47.5°	2278.5	2153.9	2014.2	1885.5	1759.2	1631.6	1514.0	1389.9	1282.1	1170.5	1072.1
45°	2701.5	2535.4	2356.0	2192.4	2014.9	1860.9	1710.9	1568.3	1426.6	1300.6	1174.8
42.5°	3242.1	3000.1	2772.3	2555.3	2331.7	2129.2	1929.3	1760.3	1594.1	1438.1	1296.4
40°	3937.3	3584.9	3292.3	2981.0	2710.3	2439.0	2200.1	1965.9	1777.0	1592.2	1419.3
37.5°	4758.2	4345.7	3928.0	3501.9	3149.4	2808.6	2501.0	2225.2	1968.3	1758.1	1558.7
35°	5626.3	5160.3	4660.1	4160.8	3646.2	3233.4	2842.7	2502.8	2203.0	1931.9	1702.1
32.5°	6492.4	5980.8	5430.0	4860.6	4282.5	3704.5	3235.6	2814.6	2439.5	2130.9	1858.8
30°	7358.2	6796.6	6193.4	5571.4	4937.2	4288.6	3648.7	3156.9	2716.6	2329.4	2016.5
27.5°	8226.8	7618.3	6958.0	6273.7	5590.0	4882.7	4173.7	3510.2	2995.8	2558.3	2189.6
25°	9096.2	8415.8	7707.0	6962.1	6216.6	5464.8	4681.4	3941.7	3308.9	2787.2	2349.1
22.5°	9968.4	9204.4	8414.1	7614.1	6812.5	6009.0	5189.1	4364.5	3605.6	3020.1	2535.8
20°	10830.1	9972.1	9107.0	8239.7	7375.6	6516.4	5659.3	4779.0	3954.3	3261.2	2710.1
17.5°	11660.2	10707.0	9767.9	8827.7	7903.4	6992.4	6080.8	5161.5	4265.7	3475.8	2863.9
15°	12450.7	11410.6	10390.7	9381.1	8383.7	7405.3	6454.1	5497.4	4548.9	3699.6	3032.7
12.5°	13196.6	12061.5	10950.3	9854.7	8794.8	7769.4	6780.5	5792.3	4815.6	3917.6	3183.0
10°	13833.6	12615.8	11419.9	10264.4	9150.8	8079.1	7049.8	6041.7	5044.3	4099.1	3306.0
7.5°	14351.7	13061.6	11800.5	10588.2	9430.0	8325.6	7257.9	6233.1	5225.4	4240.9	3400.9
5°	14730.2	13389.4	12082.6	10828.1	9623.4	8505.1	7404.6	6364.0	5356.6	4341.8	3467.3
2.5°	14965.0	13587.7	12250.3	10973.9	9736.0	8612.9	7489.8	6443.1	5431.4	4397.2	3509.0
0°	15008.4	13680.5	12303.0	10989.4	9800.5	8645.2	7512.2	6471.9	5450.8	4408.9	3522.0
-2.5°	14965.0	13587.7	12250.3	10973.9	9736.0	8612.9	7489.8	6443.1	5431.4	4397.2	3509.0
-5°	14730.2	13389.4	12082.6	10828.1	9623.4	8505.1	7404.6	6364.0	5356.6	4341.8	3467.3
-7.5°	14351.7	13061.6	11800.5	10588.2	9430.0	8325.6	7257.9	6233.1	5225.4	4240.9	3400.9
-10°	13833.6	12615.8	11419.9	10264.4	9150.8	8079.1	7049.8	6041.7	5044.3	4099.1	3306.0
-12.5°	13196.6	12061.5	10950.3	9854.7	8794.8	7769.4	6780.5	5792.3	4815.6	3917.6	3183.0
-15°	12450.7	11410.6	10390.7	9381.1	8383.7	7405.3	6454.1	5497.4	4548.9	3699.6	3032.7
-17.5°	11660.2	10707.0	9767.9	8827.7	7903.4	6992.4	6080.8	5161.5	4265.7	3475.8	2863.9
-20°	10830.1	9972.1	9107.0	8239.7	7375.6	6516.4	5659.3	4779.0	3954.3	3261.2	2710.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627243 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9968.4	9204.4	8414.1	7614.1	6812.5	6009.0	5189.1	4364.5	3605.6	3020.1	2535.8
-25°	9096.2	8415.8	7707.0	6962.1	6216.6	5464.8	4681.4	3941.7	3308.9	2787.2	2349.1
-27.5°	8226.8	7618.3	6958.0	6273.7	5590.0	4882.7	4173.7	3510.2	2995.8	2558.3	2189.6
-30°	7358.2	6796.6	6193.4	5571.4	4937.2	4288.6	3648.7	3156.9	2716.6	2329.4	2016.5
-32.5°	6492.4	5980.8	5430.0	4860.6	4282.5	3704.5	3235.6	2814.6	2439.5	2130.9	1858.8
-35°	5626.3	5160.3	4660.1	4160.8	3646.2	3233.4	2842.7	2502.8	2203.0	1931.9	1702.1
-37.5°	4758.2	4345.7	3928.0	3501.9	3149.4	2808.6	2501.0	2225.2	1968.3	1758.1	1558.7
-40°	3937.3	3584.9	3292.3	2981.0	2710.3	2439.0	2200.1	1965.9	1777.0	1592.2	1419.3
-42.5°	3242.1	3000.1	2772.3	2555.3	2331.7	2129.2	1929.3	1760.3	1594.1	1438.1	1296.4
-45°	2701.5	2535.4	2356.0	2192.4	2014.9	1860.9	1710.9	1568.3	1426.6	1300.6	1174.8
-47.5°	2278.5	2153.9	2014.2	1885.5	1759.2	1631.6	1514.0	1389.9	1282.1	1170.5	1072.1
-50°	1930.7	1836.5	1734.3	1630.6	1535.3	1432.4	1336.8	1243.0	1149.0	1060.4	971.8
-52.5°	1640.3	1573.9	1499.6	1417.4	1340.6	1262.6	1181.2	1109.9	1032.3	955.7	879.6
-55°	1412.4	1359.1	1301.3	1237.8	1172.4	1113.5	1050.9	988.1	924.5	855.6	794.5
-57.5°	1220.3	1176.1	1130.9	1082.3	1030.7	981.2	930.1	875.2	822.9	768.2	712.9
-60°	1052.9	1017.1	982.5	944.9	904.3	860.7	818.7	774.6	728.5	683.3	637.0
-62.5°	901.2	881.2	849.3	816.5	784.7	752.6	714.2	675.6	638.3	600.8	562.0
-65°	752.7	732.3	709.2	689.3	665.4	637.3	605.7	578.0	550.8	520.8	487.7
-67.5°	623.8	608.6	591.3	572.9	555.2	534.6	513.5	490.8	467.3	440.7	415.4
-70°	520.2	510.6	498.4	482.8	466.6	449.3	431.4	411.5	388.2	362.9	342.9
-72.5°	435.5	429.6	420.5	406.7	391.1	374.7	357.5	338.1	315.7	290.4	271.3
-75°	359.7	355.6	348.7	335.8	321.7	306.5	290.3	270.4	247.6	221.8	202.9
-77.5°	282.8	281.0	277.1	266.5	255.8	245.0	231.3	208.3	185.4	163.3	149.0
-80°	203.4	203.5	201.5	193.6	185.4	176.7	166.3	148.6	131.4	115.5	104.2
-82.5°	128.7	126.5	123.6	119.3	115.0	110.6	105.7	94.5	83.6	73.3	64.7
-85°	57.4	55.8	54.1	54.1	53.8	53.1	52.0	46.6	41.5	36.6	32.4
-87.5°	9.8	10.0	10.2	10.6	11.1	11.5	11.8	11.4	11.0	10.6	10.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627243 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-750-U-WR-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°	11.4	12.4	13.2	13.8	14.2	14.4	14.4	14.2	13.6	12.8	11.9
85°	33.9	34.6	34.5	33.4	31.2	28.9	28.9	28.4	27.2	25.7	23.8
82.5°	67.3	69.4	70.5	70.1	65.8	61.2	56.3	51.1	45.6	39.3	35.7
80°	108.1	110.5	111.3	109.5	101.7	93.4	86.2	78.8	71.6	63.3	54.1
77.5°	152.2	154.0	154.4	151.5	141.7	131.1	119.7	107.7	97.5	87.3	75.9
75°	199.5	200.1	199.7	194.5	182.5	168.8	155.0	140.1	125.2	111.3	97.6
72.5°	261.0	252.7	246.3	238.1	224.8	209.3	191.7	171.9	153.0	135.3	118.8
70°	325.3	307.6	293.8	281.1	266.5	250.2	230.6	205.7	180.4	159.0	138.9
67.5°	392.5	370.5	348.3	325.3	307.2	288.8	269.0	239.1	208.8	182.1	158.6
65°	457.9	430.7	405.7	375.6	349.4	326.9	304.5	270.7	236.1	205.0	177.8
62.5°	523.7	487.3	455.9	423.4	391.7	363.9	338.6	300.1	262.3	226.9	196.0
60°	591.4	548.7	506.0	468.5	432.6	398.9	367.5	328.6	287.6	247.8	213.3
57.5°	661.5	610.2	561.4	514.7	472.9	434.1	395.1	354.9	312.1	269.0	228.8
55°	732.3	674.4	617.0	563.4	514.0	469.7	423.9	380.0	335.5	289.7	241.2
52.5°	808.2	740.4	675.7	613.1	556.5	504.5	454.6	404.5	357.9	309.5	254.7
50°	888.7	810.3	736.4	666.3	598.7	540.8	484.6	431.5	379.7	328.7	267.4
47.5°	973.3	884.5	800.3	720.1	646.6	575.9	515.9	457.9	400.9	347.6	278.9
45°	1066.3	960.8	866.0	777.9	692.5	615.8	546.8	483.5	423.8	361.2	289.3
42.5°	1159.9	1043.1	934.2	833.9	742.6	656.0	576.5	510.0	445.9	373.6	299.4
40°	1267.7	1127.2	1002.7	894.1	792.0	694.4	610.6	535.7	466.5	385.9	309.3
37.5°	1372.9	1217.7	1077.5	951.4	840.7	737.9	643.6	560.0	482.7	399.4	318.2
35°	1496.8	1311.2	1148.8	1012.2	890.9	779.2	674.6	584.8	500.6	412.3	326.2
32.5°	1617.2	1406.4	1228.9	1074.4	938.2	818.3	707.5	610.3	518.7	424.6	333.1
30°	1749.4	1509.9	1304.5	1132.6	985.3	858.5	740.7	634.2	537.0	436.2	339.9
27.5°	1876.5	1605.3	1378.1	1194.3	1035.0	896.1	771.4	656.7	555.3	448.3	348.3
25°	2002.4	1708.4	1459.1	1253.1	1080.7	930.4	799.6	677.7	573.3	461.9	355.9
22.5°	2139.1	1808.2	1532.2	1305.9	1122.0	961.6	826.4	700.6	589.8	474.8	362.5
20°	2264.7	1898.2	1597.4	1356.4	1163.0	995.3	851.6	721.2	604.7	486.9	368.1
17.5°	2383.2	1989.8	1670.2	1411.1	1201.8	1025.1	873.8	739.2	617.8	498.1	372.6
15°	2507.6	2080.7	1735.7	1458.4	1235.3	1050.7	892.8	754.7	629.1	508.2	376.9
12.5°	2613.8	2157.7	1790.8	1498.2	1263.5	1072.2	908.7	767.7	638.5	516.7	380.8
10°	2701.3	2220.1	1835.2	1530.4	1286.2	1089.4	921.3	778.1	646.3	523.4	382.9
7.5°	2769.5	2267.8	1868.8	1554.7	1303.6	1102.9	931.8	786.3	652.4	528.0	383.4
5°	2817.1	2301.1	1893.4	1571.8	1316.9	1112.6	939.3	791.7	656.5	530.6	382.3
2.5°	2842.1	2320.0	1908.5	1580.9	1324.4	1117.8	943.5	794.3	658.6	530.9	379.6
0°	2846.0	2323.5	1912.8	1582.0	1326.3	1118.6	944.4	794.2	658.4	528.9	375.5
-2.5°	2842.1	2320.0	1908.5	1580.9	1324.4	1117.8	943.5	794.3	658.6	530.9	379.6
-5°	2817.1	2301.1	1893.4	1571.8	1316.9	1112.6	939.3	791.7	656.5	530.6	382.3
-7.5°	2769.5	2267.8	1868.8	1554.7	1303.6	1102.9	931.8	786.3	652.4	528.0	383.4
-10°	2701.3	2220.1	1835.2	1530.4	1286.2	1089.4	921.3	778.1	646.3	523.4	382.9
-12.5°	2613.8	2157.7	1790.8	1498.2	1263.5	1072.2	908.7	767.7	638.5	516.7	380.8
-15°	2507.6	2080.7	1735.7	1458.4	1235.3	1050.7	892.8	754.7	629.1	508.2	376.9
-17.5°	2383.2	1989.8	1670.2	1411.1	1201.8	1025.1	873.8	739.2	617.8	498.1	372.6
-20°	2264.7	1898.2	1597.4	1356.4	1163.0	995.3	851.6	721.2	604.7	486.9	368.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627243 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2139.1	1808.2	1532.2	1305.9	1122.0	961.6	826.4	700.6	589.8	474.8	362.5
-25°	2002.4	1708.4	1459.1	1253.1	1080.7	930.4	799.6	677.7	573.3	461.9	355.9
-27.5°	1876.5	1605.3	1378.1	1194.3	1035.0	896.1	771.4	656.7	555.3	448.3	348.3
-30°	1749.4	1509.9	1304.5	1132.6	985.3	858.5	740.7	634.2	537.0	436.2	339.9
-32.5°	1617.2	1406.4	1228.9	1074.4	938.2	818.3	707.5	610.3	518.7	424.6	333.1
-35°	1496.8	1311.2	1148.8	1012.2	890.9	779.2	674.6	584.8	500.6	412.3	326.2
-37.5°	1372.9	1217.7	1077.5	951.4	840.7	737.9	643.6	560.0	482.7	399.4	318.2
-40°	1267.7	1127.2	1002.7	894.1	792.0	694.4	610.6	535.7	466.5	385.9	309.3
-42.5°	1159.9	1043.1	934.2	833.9	742.6	656.0	576.5	510.0	445.9	373.6	299.4
-45°	1066.3	960.8	866.0	777.9	692.5	615.8	546.8	483.5	423.8	361.2	289.3
-47.5°	973.3	884.5	800.3	720.1	646.6	575.9	515.9	457.9	400.9	347.6	278.9
-50°	888.7	810.3	736.4	666.3	598.7	540.8	484.6	431.5	379.7	328.7	267.4
-52.5°	808.2	740.4	675.7	613.1	556.5	504.5	454.6	404.5	357.9	309.5	254.7
-55°	732.3	674.4	617.0	563.4	514.0	469.7	423.9	380.0	335.5	289.7	241.2
-57.5°	661.5	610.2	561.4	514.7	472.9	434.1	395.1	354.9	312.1	269.0	228.8
-60°	591.4	548.7	506.0	468.5	432.6	398.9	367.5	328.6	287.6	247.8	213.3
-62.5°	523.7	487.3	455.9	423.4	391.7	363.9	338.6	300.1	262.3	226.9	196.0
-65°	457.9	430.7	405.7	375.6	349.4	326.9	304.5	270.7	236.1	205.0	177.8
-67.5°	392.5	370.5	348.3	325.3	307.2	288.8	269.0	239.1	208.8	182.1	158.6
-70°	325.3	307.6	293.8	281.1	266.5	250.2	230.6	205.7	180.4	159.0	138.9
-72.5°	261.0	252.7	246.3	238.1	224.8	209.3	191.7	171.9	153.0	135.3	118.8
-75°	199.5	200.1	199.7	194.5	182.5	168.8	155.0	140.1	125.2	111.3	97.6
-77.5°	152.2	154.0	154.4	151.5	141.7	131.1	119.7	107.7	97.5	87.3	75.9
-80°	108.1	110.5	111.3	109.5	101.7	93.4	86.2	78.8	71.6	63.3	54.1
-82.5°	67.3	69.4	70.5	70.1	65.8	61.2	56.3	51.1	45.6	39.3	35.7
-85°	33.9	34.6	34.5	33.4	31.2	28.9	28.9	28.4	27.2	25.7	23.8
-87.5°	11.4	12.4	13.2	13.8	14.2	14.4	14.4	14.2	13.6	12.8	11.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627243 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-U-WR-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°	10.7	8.4	6.2	4.3	2.6	1.2	0.0
85°	21.4	16.7	12.5	8.6	5.3	2.3	0.0
82.5°	32.0	25.0	18.6	12.9	7.9	3.4	0.0
80°	43.5	33.2	24.7	17.2	10.5	4.6	0.0
77.5°	62.1	43.2	30.8	21.4	13.1	5.7	0.0
75°	80.3	56.5	37.2	25.5	15.6	6.8	0.0
72.5°	97.8	69.3	46.1	29.5	18.0	7.9	0.0
70°	114.4	81.7	54.7	33.7	20.4	8.9	0.0
67.5°	128.9	93.5	62.9	39.0	22.8	10.0	0.0
65°	142.6	104.4	70.7	44.0	25.0	11.0	0.0
62.5°	155.5	114.3	78.1	48.7	27.2	12.0	0.0
60°	167.7	123.6	85.0	53.2	29.3	12.9	0.0
57.5°	178.6	132.3	91.4	57.3	31.8	13.8	0.0
55°	188.7	140.3	97.3	61.2	34.3	14.7	0.0
52.5°	198.0	147.6	102.8	64.7	36.6	15.6	0.0
50°	206.4	154.4	107.8	67.9	38.9	16.4	0.0
47.5°	214.2	160.4	112.2	70.8	41.0	17.1	0.0
45°	222.9	165.8	116.1	73.7	43.0	17.8	0.0
42.5°	230.8	170.4	119.5	76.2	45.0	18.5	0.0
40°	237.6	174.4	122.5	79.0	46.7	19.1	0.0
37.5°	243.5	177.6	125.2	81.9	48.4	19.7	0.0
35°	248.3	181.2	127.4	84.5	50.0	20.2	0.0
32.5°	252.8	184.7	129.1	86.9	51.4	20.7	0.0
30°	257.8	187.3	130.3	89.1	52.7	21.1	0.0
27.5°	261.8	189.2	133.1	91.0	53.8	21.5	0.0
25°	265.0	190.4	135.8	92.6	54.8	21.8	0.0
22.5°	267.2	191.9	138.1	94.0	55.7	22.1	0.0
20°	268.5	195.3	140.1	95.2	56.5	22.3	0.0
17.5°	271.5	198.2	141.8	96.1	57.1	22.5	0.0
15°	275.2	200.4	143.2	96.8	57.6	22.6	0.0
12.5°	277.8	202.1	144.2	97.3	57.9	22.7	0.0
10°	279.4	203.1	144.8	97.5	58.1	22.7	0.0
7.5°	280.1	203.5	145.1	97.4	58.2	22.7	0.0
5°	279.8	203.4	145.0	97.1	58.1	22.7	0.0
2.5°	278.6	202.6	144.6	96.6	57.9	22.6	0.0
0°	276.5	201.3	143.8	95.9	57.5	22.4	0.0
-2.5°	278.6	202.6	144.6	96.6	57.9	22.6	0.0
-5°	279.8	203.4	145.0	97.1	58.1	22.7	0.0
-7.5°	280.1	203.5	145.1	97.4	58.2	22.7	0.0
-10°	279.4	203.1	144.8	97.5	58.1	22.7	0.0
-12.5°	277.8	202.1	144.2	97.3	57.9	22.7	0.0
-15°	275.2	200.4	143.2	96.8	57.6	22.6	0.0
-17.5°	271.5	198.2	141.8	96.1	57.1	22.5	0.0
-20°	268.5	195.3	140.1	95.2	56.5	22.3	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627243 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	267.2	191.9	138.1	94.0	55.7	22.1	0.0
-25°	265.0	190.4	135.8	92.6	54.8	21.8	0.0
-27.5°	261.8	189.2	133.1	91.0	53.8	21.5	0.0
-30°	257.8	187.3	130.3	89.1	52.7	21.1	0.0
-32.5°	252.8	184.7	129.1	86.9	51.4	20.7	0.0
-35°	248.3	181.2	127.4	84.5	50.0	20.2	0.0
-37.5°	243.5	177.6	125.2	81.9	48.4	19.7	0.0
-40°	237.6	174.4	122.5	79.0	46.7	19.1	0.0
-42.5°	230.8	170.4	119.5	76.2	45.0	18.5	0.0
-45°	222.9	165.8	116.1	73.7	43.0	17.8	0.0
-47.5°	214.2	160.4	112.2	70.8	41.0	17.1	0.0
-50°	206.4	154.4	107.8	67.9	38.9	16.4	0.0
-52.5°	198.0	147.6	102.8	64.7	36.6	15.6	0.0
-55°	188.7	140.3	97.3	61.2	34.3	14.7	0.0
-57.5°	178.6	132.3	91.4	57.3	31.8	13.8	0.0
-60°	167.7	123.6	85.0	53.2	29.3	12.9	0.0
-62.5°	155.5	114.3	78.1	48.7	27.2	12.0	0.0
-65°	142.6	104.4	70.7	44.0	25.0	11.0	0.0
-67.5°	128.9	93.5	62.9	39.0	22.8	10.0	0.0
-70°	114.4	81.7	54.7	33.7	20.4	8.9	0.0
-72.5°	97.8	69.3	46.1	29.5	18.0	7.9	0.0
-75°	80.3	56.5	37.2	25.5	15.6	6.8	0.0
-77.5°	62.1	43.2	30.8	21.4	13.1	5.7	0.0
-80°	43.5	33.2	24.7	17.2	10.5	4.6	0.0
-82.5°	32.0	25.0	18.6	12.9	7.9	3.4	0.0
-85°	21.4	16.7	12.5	8.6	5.3	2.3	0.0
-87.5°	10.7	8.4	6.2	4.3	2.6	1.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)