

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: P627237 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627237 (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-SA3D-750-U-MWR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N81
Light Source: (48) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

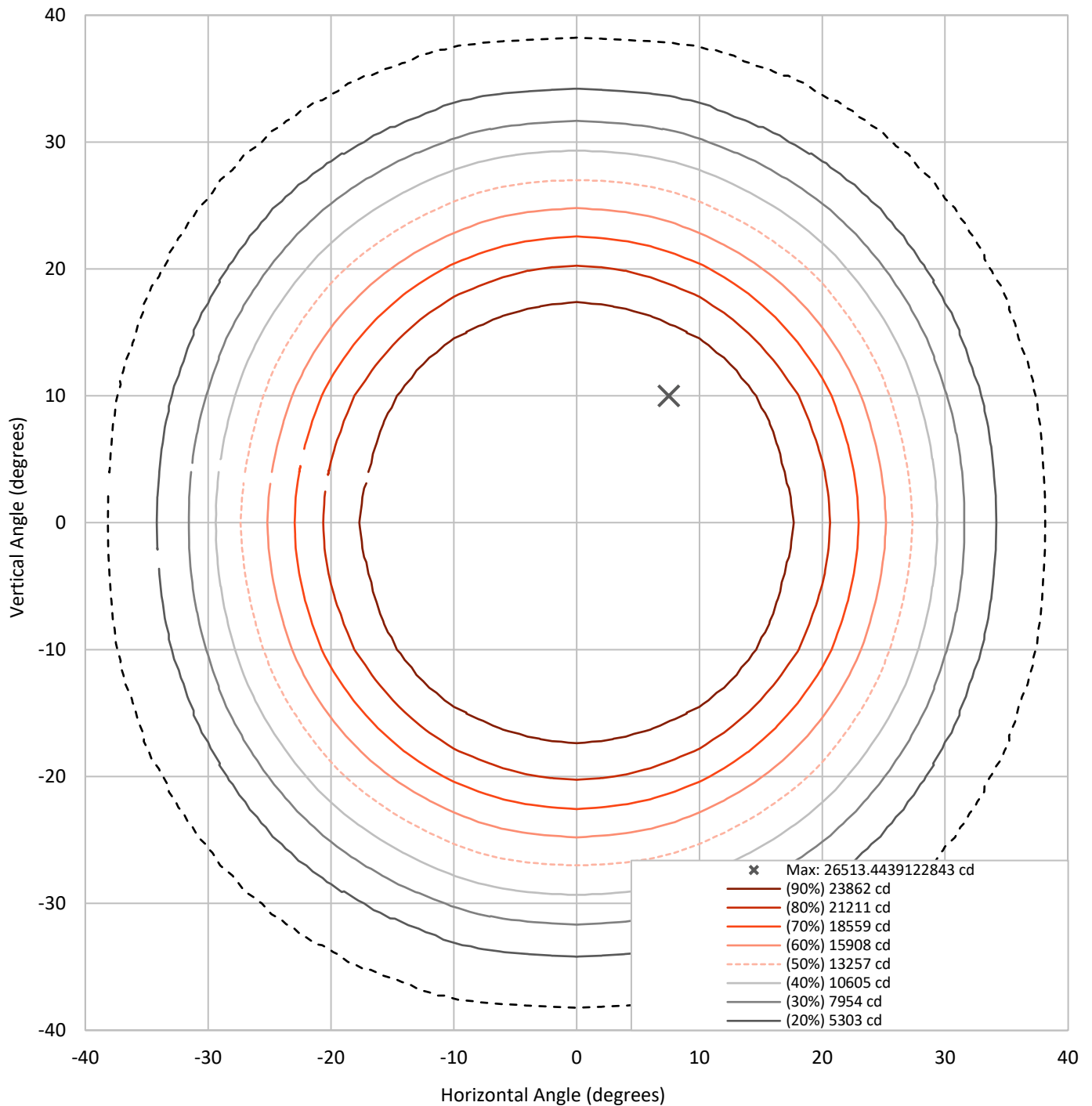
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	22565.4 lumens	Max Intensity:	26513.4 candela
Efficiency:	N/A	Max Intensity Angle:	7.5°H x 10°V
Efficacy:	140.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	14977.6 lumens	Field Lumens:	19475.2 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
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: P627237 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





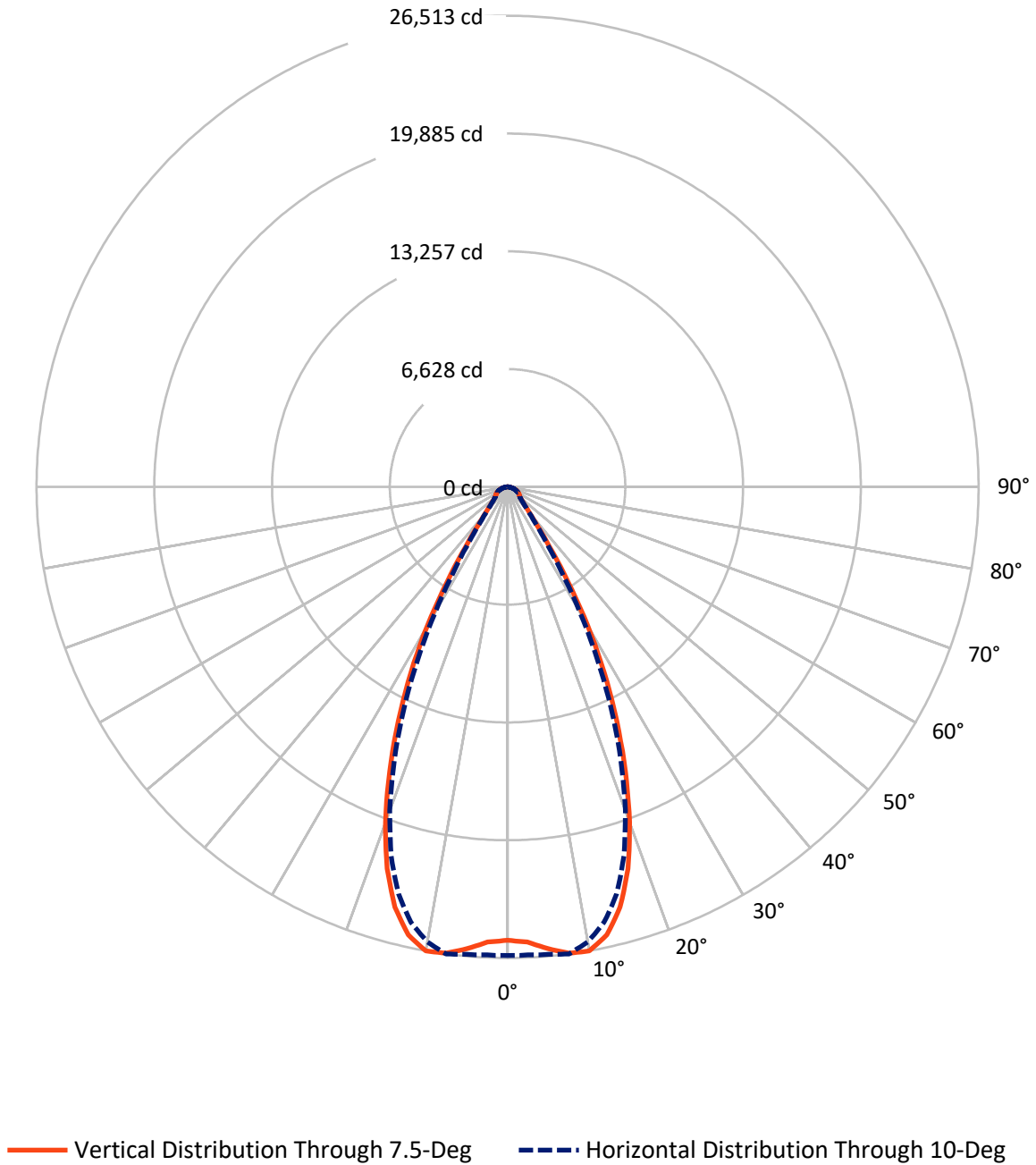
REPORT NUMBER: P627237 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

90	0.6		5.3		14.2		22.4		25.0		22.4		14.2		5.3		0.6		
80	0.6		5.3		14.2		22.4		25.0		22.4		14.2		5.3		0.6		
70	2.4	2.7	5.5	9.0	12.6	15.3	17.3	18.3	18.3	17.3	15.3	12.6	9.0	5.5	2.7	2.4			
60		4.1	8.1	13.0	17.4	21.1	23.6	24.6	24.6	23.6	21.1	17.4	13.0	8.1	4.1				
50	4.2	5.2	10.3	15.8	21.2	27.6	34.7	39.8	39.8	34.7	27.6	21.2	15.8	10.3	5.2	4.2			
40		6.2	12.0	18.2	28.1	51.3	98.2	145.5	145.5	98.2	51.3	28.1	18.2	12.0	6.2				
30	5.5	7.0	13.0	21.2	46.2	144.9	325.0	453.8	453.8	325.0	144.9	46.2	21.2	13.0	7.0	5.5			
20		7.4	13.8	25.2	83.5	308.8	589.7	738.1	738.1	589.7	308.8	83.5	25.2	13.8	7.4				
10	5.9	7.7	14.1	28.3	120.3	422.6	715.4	778.4	778.4	715.4	422.6	120.3	28.3	14.1	7.7	5.9			
0		7.7	14.1	28.3	120.3	422.6	715.4	778.4	778.4	715.4	422.6	120.3	28.3	14.1	7.7				
-10	5.5	7.4	13.8	25.2	83.5	308.8	589.7	738.1	738.1	589.7	308.8	83.5	25.2	13.8	7.4	5.5			
-20		7.0	13.0	21.2	46.2	144.9	325.0	453.8	453.8	325.0	144.9	46.2	21.2	13.0	7.0				
-30	4.2	6.2	12.0	18.2	28.1	51.3	98.2	145.5	145.5	98.2	51.3	28.1	18.2	12.0	6.2	4.2			
-40		5.2	10.3	15.8	21.2	27.6	34.7	39.8	39.8	34.7	27.6	21.2	15.8	10.3	5.2				
-50	2.4	4.1	8.1	13.0	17.4	21.1	23.6	24.6	24.6	23.6	21.1	17.4	13.0	8.1	4.1	2.4			
-60		2.7	5.5	9.0	12.6	15.3	17.3	18.3	18.3	17.3	15.3	12.6	9.0	5.5	2.7				
-70	0.6		5.3		14.2		22.4		25.0		22.4		14.2		5.3		0.6		
-80	0.6		5.3		14.2		22.4		25.0		22.4		14.2		5.3		0.6		
-90	0.6		5.3		14.2		22.4		25.0		22.4		14.2		5.3		0.6		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

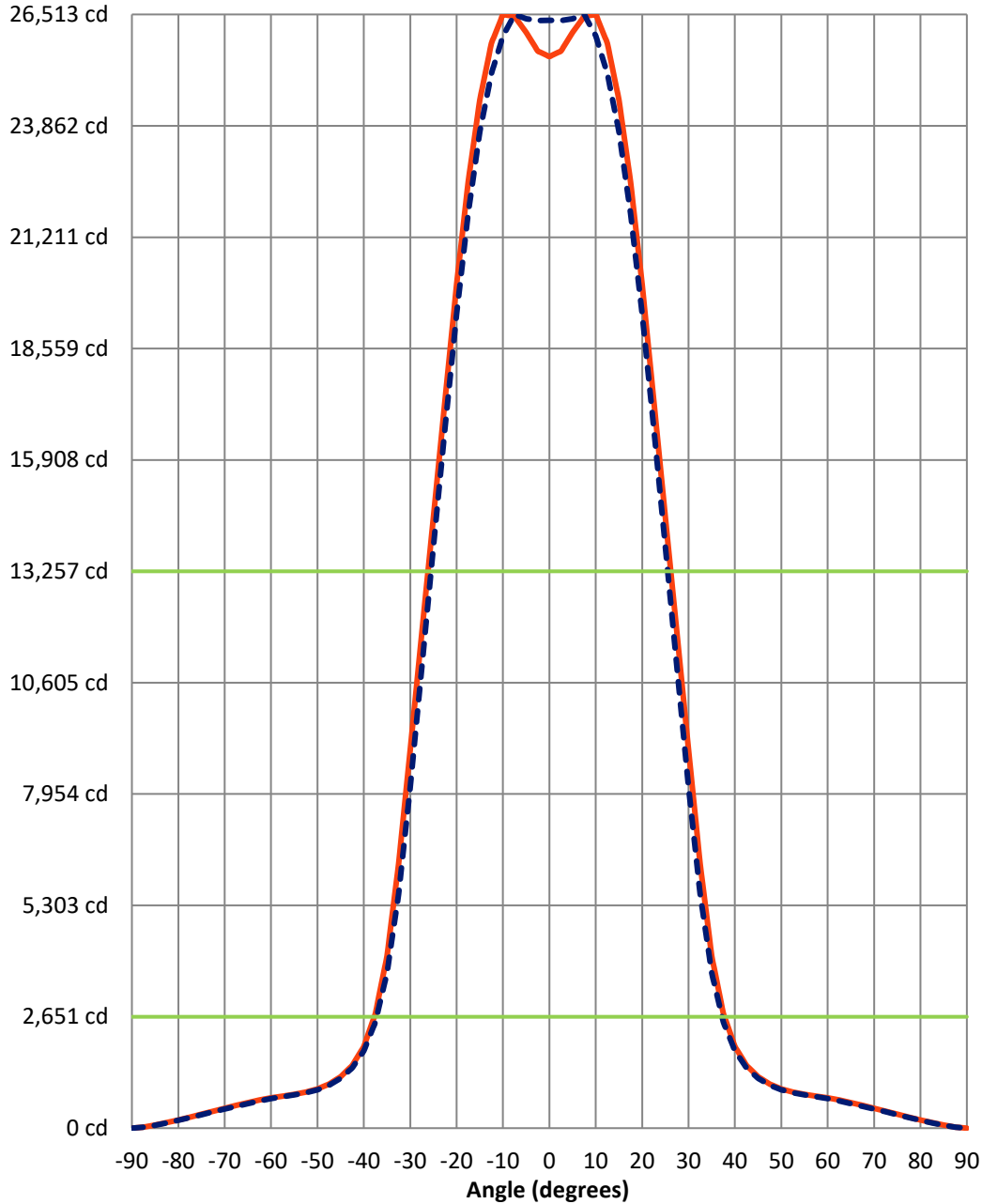
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 14977.6
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 19475.2
 Efficiency: 86.3%

Spill:
 Lumens: 3090.3
 Efficiency: 13.7%

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



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.3	8.7	10.2	11.7
85°	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.6	17.4	20.3	23.4
82.5°	0.0	3.0	6.0	9.1	12.1	15.0	18.0	21.9	26.6	33.5	40.0
80°	0.0	4.0	8.0	12.1	16.0	20.0	24.7	34.1	43.0	51.5	59.5
77.5°	0.0	5.0	10.0	15.0	20.0	27.0	37.7	48.8	59.4	69.4	80.2
75°	0.0	6.0	12.0	18.0	24.7	37.7	50.6	63.5	76.1	90.7	105.1
72.5°	0.0	7.0	13.9	20.9	33.3	48.3	63.3	78.7	96.0	113.0	129.8
70°	0.0	7.9	15.9	24.4	41.7	58.8	76.1	96.0	115.7	135.1	155.5
67.5°	0.0	8.9	17.7	30.6	49.9	69.1	90.6	113.0	135.1	157.8	181.0
65°	0.0	9.8	19.6	36.7	58.1	80.0	104.8	129.8	154.6	180.0	207.0
62.5°	0.0	10.7	21.4	42.7	66.0	91.4	118.7	146.3	173.7	202.4	235.0
60°	0.0	11.6	23.2	48.5	73.8	102.6	132.2	162.3	192.3	226.7	262.2
57.5°	0.0	12.5	26.9	54.2	82.3	113.4	145.7	178.0	212.5	250.3	287.9
55°	0.0	13.3	30.5	59.8	90.6	123.8	158.9	193.3	232.6	273.0	312.5
52.5°	0.0	14.1	34.0	65.2	98.6	134.0	171.8	210.1	252.0	294.5	336.5
50°	0.0	14.9	37.4	70.4	106.3	144.6	184.4	226.5	270.6	315.4	359.7
47.5°	0.0	15.7	40.6	75.5	113.7	154.8	196.8	242.2	288.5	335.5	382.1
45°	0.0	16.4	43.7	80.8	120.8	164.7	209.6	257.2	305.7	354.8	403.6
42.5°	0.0	17.1	46.7	85.8	127.5	174.2	221.9	271.5	322.1	373.3	423.9
40°	0.0	17.8	49.4	90.5	134.3	183.3	233.5	285.1	337.7	391.0	443.5
37.5°	0.0	18.4	52.0	94.8	141.2	192.0	244.4	297.8	352.8	408.1	462.3
35°	0.0	19.0	54.5	98.9	147.8	200.5	254.6	309.7	367.2	424.1	479.9
32.5°	0.0	19.6	56.7	102.7	154.0	208.5	264.2	320.8	380.9	439.0	495.3
30°	0.0	20.1	58.8	106.3	159.8	216.0	273.0	331.2	393.7	452.7	509.7
27.5°	0.0	20.6	60.7	109.5	164.9	222.8	281.1	341.5	405.4	465.2	523.0
25°	0.0	21.0	62.5	112.5	169.6	229.1	288.5	351.0	415.6	476.2	535.2
22.5°	0.0	21.4	64.0	115.2	173.9	234.6	295.1	359.7	424.8	486.0	546.2
20°	0.0	21.8	65.4	117.5	177.6	239.3	301.0	367.5	432.9	494.8	556.1
17.5°	0.0	22.1	66.6	119.6	180.9	243.5	306.3	374.5	439.9	502.5	564.7
15°	0.0	22.4	67.5	121.4	183.7	247.0	311.0	380.8	445.9	509.1	572.1
12.5°	0.0	22.6	68.3	122.8	186.0	249.9	315.1	386.3	451.2	514.5	578.2
10°	0.0	22.8	69.0	124.0	187.9	252.2	318.5	390.9	455.8	519.6	583.4
7.5°	0.0	23.0	69.4	124.8	189.2	253.9	321.2	394.4	459.4	523.7	588.0
5°	0.0	23.1	69.6	125.3	190.0	255.0	323.2	397.0	461.9	526.7	591.3
2.5°	0.0	23.2	69.7	125.4	190.4	255.4	324.4	398.5	463.5	528.4	593.2
0°	0.0	23.2	69.6	125.3	190.2	255.2	324.8	399.0	464.0	529.0	593.9
-2.5°	0.0	23.2	69.7	125.4	190.4	255.4	324.4	398.5	463.5	528.4	593.2
-5°	0.0	23.1	69.6	125.3	190.0	255.0	323.2	397.0	461.9	526.7	591.3
-7.5°	0.0	23.0	69.4	124.8	189.2	253.9	321.2	394.4	459.4	523.7	588.0
-10°	0.0	22.8	69.0	124.0	187.9	252.2	318.5	390.9	455.8	519.6	583.4
-12.5°	0.0	22.6	68.3	122.8	186.0	249.9	315.1	386.3	451.2	514.5	578.2
-15°	0.0	22.4	67.5	121.4	183.7	247.0	311.0	380.8	445.9	509.1	572.1
-17.5°	0.0	22.1	66.6	119.6	180.9	243.5	306.3	374.5	439.9	502.5	564.7
-20°	0.0	21.8	65.4	117.5	177.6	239.3	301.0	367.5	432.9	494.8	556.1

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA3D-750-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	21.4	64.0	115.2	173.9	234.6	295.1	359.7	424.8	486.0	546.2
-25°	0.0	21.0	62.5	112.5	169.6	229.1	288.5	351.0	415.6	476.2	535.2
-27.5°	0.0	20.6	60.7	109.5	164.9	222.8	281.1	341.5	405.4	465.2	523.0
-30°	0.0	20.1	58.8	106.3	159.8	216.0	273.0	331.2	393.7	452.7	509.7
-32.5°	0.0	19.6	56.7	102.7	154.0	208.5	264.2	320.8	380.9	439.0	495.3
-35°	0.0	19.0	54.5	98.9	147.8	200.5	254.6	309.7	367.2	424.1	479.9
-37.5°	0.0	18.4	52.0	94.8	141.2	192.0	244.4	297.8	352.8	408.1	462.3
-40°	0.0	17.8	49.4	90.5	134.3	183.3	233.5	285.1	337.7	391.0	443.5
-42.5°	0.0	17.1	46.7	85.8	127.5	174.2	221.9	271.5	322.1	373.3	423.9
-45°	0.0	16.4	43.7	80.8	120.8	164.7	209.6	257.2	305.7	354.8	403.6
-47.5°	0.0	15.7	40.6	75.5	113.7	154.8	196.8	242.2	288.5	335.5	382.1
-50°	0.0	14.9	37.4	70.4	106.3	144.6	184.4	226.5	270.6	315.4	359.7
-52.5°	0.0	14.1	34.0	65.2	98.6	134.0	171.8	210.1	252.0	294.5	336.5
-55°	0.0	13.3	30.5	59.8	90.6	123.8	158.9	193.3	232.6	273.0	312.5
-57.5°	0.0	12.5	26.9	54.2	82.3	113.4	145.7	178.0	212.5	250.3	287.9
-60°	0.0	11.6	23.2	48.5	73.8	102.6	132.2	162.3	192.3	226.7	262.2
-62.5°	0.0	10.7	21.4	42.7	66.0	91.4	118.7	146.3	173.7	202.4	235.0
-65°	0.0	9.8	19.6	36.7	58.1	80.0	104.8	129.8	154.6	180.0	207.0
-67.5°	0.0	8.9	17.7	30.6	49.9	69.1	90.6	113.0	135.1	157.8	181.0
-70°	0.0	7.9	15.9	24.4	41.7	58.8	76.1	96.0	115.7	135.1	155.5
-72.5°	0.0	7.0	13.9	20.9	33.3	48.3	63.3	78.7	96.0	113.0	129.8
-75°	0.0	6.0	12.0	18.0	24.7	37.7	50.6	63.5	76.1	90.7	105.1
-77.5°	0.0	5.0	10.0	15.0	20.0	27.0	37.7	48.8	59.4	69.4	80.2
-80°	0.0	4.0	8.0	12.1	16.0	20.0	24.7	34.1	43.0	51.5	59.5
-82.5°	0.0	3.0	6.0	9.1	12.1	15.0	18.0	21.9	26.6	33.5	40.0
-85°	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.6	17.4	20.3	23.4
-87.5°	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.3	8.7	10.2	11.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GFLD-SA3D-750-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°	12.8	13.9	14.9	15.9	16.9	17.9	18.8	19.7	20.5	21.3	22.1
85°	25.6	27.8	31.5	35.3	38.9	42.3	45.7	48.9	52.0	54.9	57.7
82.5°	45.9	52.0	58.1	64.4	69.9	75.1	80.2	85.5	90.8	96.0	101.2
80°	67.6	76.0	85.6	94.7	102.7	110.3	117.6	124.6	132.3	140.4	148.7
77.5°	92.6	104.6	115.8	126.3	136.5	147.5	158.2	168.4	179.1	189.7	199.8
75°	119.4	133.1	147.4	161.5	175.2	188.5	201.5	214.7	228.1	241.4	254.1
72.5°	147.1	164.4	181.3	197.7	214.8	231.4	247.4	262.9	278.8	295.1	310.7
70°	175.8	195.5	216.4	236.5	255.7	275.0	294.7	313.5	332.0	350.8	369.5
67.5°	204.8	229.5	253.0	275.4	298.0	320.8	342.9	365.5	387.3	409.2	430.2
65°	236.7	263.8	289.4	315.0	340.7	367.4	393.5	418.7	444.0	468.5	490.6
62.5°	268.0	296.8	325.2	354.3	384.8	414.8	443.4	472.3	501.7	527.4	549.7
60°	296.7	328.7	360.5	393.6	427.4	459.7	491.7	523.1	554.8	584.2	602.5
57.5°	324.5	359.9	395.1	430.7	466.3	502.5	536.0	570.5	600.0	624.8	646.0
55°	351.6	390.0	427.5	464.9	503.4	541.1	577.6	610.4	639.1	659.9	680.3
52.5°	377.9	418.4	457.1	497.6	538.5	578.5	616.7	647.1	670.6	691.8	710.9
50°	403.5	444.6	485.5	529.4	572.5	614.9	650.8	677.4	701.4	722.1	742.0
47.5°	427.4	470.2	513.9	560.1	605.6	646.5	679.4	707.3	731.9	754.1	777.7
45°	450.4	495.9	542.1	589.7	636.1	675.7	707.5	737.6	760.4	785.6	812.7
42.5°	472.7	520.5	568.9	618.2	665.0	702.0	733.8	761.3	788.2	818.1	850.8
40°	493.9	543.8	594.3	645.5	692.3	725.1	756.1	785.3	818.1	853.5	891.3
37.5°	513.9	565.6	618.1	671.3	712.3	746.1	777.9	810.5	848.5	889.6	941.0
35°	532.5	585.9	640.2	691.3	730.3	766.1	799.0	835.4	879.8	933.4	999.3
32.5°	549.7	604.8	660.6	707.5	746.8	784.0	817.9	863.2	916.5	980.4	1073.6
30°	565.7	622.0	678.0	723.3	761.7	799.1	840.3	891.3	953.8	1047.0	1166.3
27.5°	580.5	637.7	691.7	736.6	775.1	813.6	861.8	923.6	1005.9	1117.1	1265.4
25°	594.0	652.6	704.8	747.6	787.5	830.1	882.5	952.1	1060.2	1203.8	1404.2
22.5°	606.3	666.1	717.3	757.2	799.1	845.3	906.4	993.4	1118.0	1285.8	1544.2
20°	617.2	676.3	726.7	766.3	809.7	857.8	927.7	1032.5	1182.9	1400.1	1730.0
17.5°	626.9	685.2	733.8	775.0	820.2	872.0	948.4	1066.5	1240.5	1499.9	1917.9
15°	635.1	692.9	739.7	782.4	829.2	888.3	977.2	1110.9	1307.5	1603.6	2081.5
12.5°	641.9	699.2	744.6	788.5	836.7	901.9	1001.9	1152.7	1377.0	1731.1	2322.8
10°	647.3	704.1	748.3	793.2	842.6	912.7	1021.9	1186.9	1434.5	1841.5	2528.5
7.5°	652.3	707.7	750.9	796.5	846.8	920.8	1037.2	1213.3	1478.7	1928.1	2691.4
5°	656.0	709.9	752.3	798.5	850.3	926.1	1047.5	1231.6	1509.2	1990.1	2806.0
2.5°	658.2	710.6	752.6	799.0	852.9	928.5	1052.9	1241.7	1533.1	2019.4	2867.5
0°	658.9	709.9	751.7	798.1	853.8	928.0	1053.3	1243.5	1545.1	2018.4	2876.8
-2.5°	658.2	710.6	752.6	799.0	852.9	928.5	1052.9	1241.7	1533.1	2019.4	2867.5
-5°	656.0	709.9	752.3	798.5	850.3	926.1	1047.5	1231.6	1509.2	1990.1	2806.0
-7.5°	652.3	707.7	750.9	796.5	846.8	920.8	1037.2	1213.3	1478.7	1928.1	2691.4
-10°	647.3	704.1	748.3	793.2	842.6	912.7	1021.9	1186.9	1434.5	1841.5	2528.5
-12.5°	641.9	699.2	744.6	788.5	836.7	901.9	1001.9	1152.7	1377.0	1731.1	2322.8
-15°	635.1	692.9	739.7	782.4	829.2	888.3	977.2	1110.9	1307.5	1603.6	2081.5
-17.5°	626.9	685.2	733.8	775.0	820.2	872.0	948.4	1066.5	1240.5	1499.9	1917.9
-20°	617.2	676.3	726.7	766.3	809.7	857.8	927.7	1032.5	1182.9	1400.1	1730.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627237 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-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°	606.3	666.1	717.3	757.2	799.1	845.3	906.4	993.4	1118.0	1285.8	1544.2
-25°	594.0	652.6	704.8	747.6	787.5	830.1	882.5	952.1	1060.2	1203.8	1404.2
-27.5°	580.5	637.7	691.7	736.6	775.1	813.6	861.8	923.6	1005.9	1117.1	1265.4
-30°	565.7	622.0	678.0	723.3	761.7	799.1	840.3	891.3	953.8	1047.0	1166.3
-32.5°	549.7	604.8	660.6	707.5	746.8	784.0	817.9	863.2	916.5	980.4	1073.6
-35°	532.5	585.9	640.2	691.3	730.3	766.1	799.0	835.4	879.8	933.4	999.3
-37.5°	513.9	565.6	618.1	671.3	712.3	746.1	777.9	810.5	848.5	889.6	941.0
-40°	493.9	543.8	594.3	645.5	692.3	725.1	756.1	785.3	818.1	853.5	891.3
-42.5°	472.7	520.5	568.9	618.2	665.0	702.0	733.8	761.3	788.2	818.1	850.8
-45°	450.4	495.9	542.1	589.7	636.1	675.7	707.5	737.6	760.4	785.6	812.7
-47.5°	427.4	470.2	513.9	560.1	605.6	646.5	679.4	707.3	731.9	754.1	777.7
-50°	403.5	444.6	485.5	529.4	572.5	614.9	650.8	677.4	701.4	722.1	742.0
-52.5°	377.9	418.4	457.1	497.6	538.5	578.5	616.7	647.1	670.6	691.8	710.9
-55°	351.6	390.0	427.5	464.9	503.4	541.1	577.6	610.4	639.1	659.9	680.3
-57.5°	324.5	359.9	395.1	430.7	466.3	502.5	536.0	570.5	600.0	624.8	646.0
-60°	296.7	328.7	360.5	393.6	427.4	459.7	491.7	523.1	554.8	584.2	602.5
-62.5°	268.0	296.8	325.2	354.3	384.8	414.8	443.4	472.3	501.7	527.4	549.7
-65°	236.7	263.8	289.4	315.0	340.7	367.4	393.5	418.7	444.0	468.5	490.6
-67.5°	204.8	229.5	253.0	275.4	298.0	320.8	342.9	365.5	387.3	409.2	430.2
-70°	175.8	195.5	216.4	236.5	255.7	275.0	294.7	313.5	332.0	350.8	369.5
-72.5°	147.1	164.4	181.3	197.7	214.8	231.4	247.4	262.9	278.8	295.1	310.7
-75°	119.4	133.1	147.4	161.5	175.2	188.5	201.5	214.7	228.1	241.4	254.1
-77.5°	92.6	104.6	115.8	126.3	136.5	147.5	158.2	168.4	179.1	189.7	199.8
-80°	67.6	76.0	85.6	94.7	102.7	110.3	117.6	124.6	132.3	140.4	148.7
-82.5°	45.9	52.0	58.1	64.4	69.9	75.1	80.2	85.5	90.8	96.0	101.2
-85°	25.6	27.8	31.5	35.3	38.9	42.3	45.7	48.9	52.0	54.9	57.7
-87.5°	12.8	13.9	14.9	15.9	16.9	17.9	18.8	19.7	20.5	21.3	22.1
-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: P627237 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-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°	22.8	22.5	22.1	21.6	21.0	22.5	24.0	25.4	26.8	26.0	25.1
85°	60.4	61.7	62.9	63.9	64.7	67.6	70.3	73.0	75.4	75.3	75.0
82.5°	106.3	109.7	112.6	115.3	117.6	121.0	124.0	126.7	128.9	130.5	131.9
80°	156.6	162.2	166.9	171.2	175.1	179.6	183.7	187.4	190.6	192.3	193.4
77.5°	209.8	217.9	225.2	232.1	238.6	245.1	251.1	256.3	260.9	262.0	261.7
75°	266.1	277.0	287.2	296.7	305.4	313.0	319.3	324.7	329.0	331.2	332.4
72.5°	325.4	338.8	350.9	361.7	371.0	378.8	385.5	391.3	396.2	399.3	401.2
70°	387.3	403.2	415.5	425.7	433.7	441.4	450.0	458.3	466.0	470.3	472.0
67.5°	449.3	465.8	477.1	486.4	493.7	501.3	512.2	522.0	530.7	536.6	540.3
65°	510.0	527.4	538.8	547.6	554.3	561.9	574.1	583.8	591.2	597.1	602.4
62.5°	570.1	587.5	600.2	610.8	620.5	628.9	638.9	647.0	653.3	659.1	665.7
60°	622.1	642.8	656.0	666.8	678.9	691.9	699.2	705.3	710.6	715.3	719.3
57.5°	664.5	683.0	700.0	712.9	725.5	737.6	746.3	752.0	756.7	760.2	761.5
55°	700.1	719.1	738.2	752.1	764.5	775.8	785.4	792.8	799.0	803.9	805.1
52.5°	731.9	753.3	772.0	788.1	804.5	817.8	828.3	838.5	847.3	854.5	857.6
50°	766.5	789.0	812.3	833.8	851.2	866.5	879.2	893.5	908.7	921.2	929.1
47.5°	803.0	828.8	857.0	883.6	904.1	926.7	947.8	969.1	997.3	1020.9	1038.5
45°	841.1	874.3	906.4	940.2	968.6	1011.2	1050.8	1084.8	1129.9	1170.9	1203.5
42.5°	886.1	927.4	966.8	1020.9	1077.6	1135.8	1198.7	1252.3	1323.0	1394.8	1452.9
40°	939.4	992.1	1061.6	1134.3	1223.7	1303.8	1412.4	1509.1	1617.5	1754.4	1867.6
37.5°	1003.6	1084.9	1181.5	1282.8	1422.2	1555.4	1734.9	1924.1	2095.7	2359.2	2580.9
35°	1087.0	1200.7	1327.9	1507.1	1704.4	1954.0	2234.0	2599.4	2912.7	3357.2	3781.9
32.5°	1194.4	1340.6	1548.2	1824.9	2116.5	2569.7	3014.0	3648.5	4235.9	4940.4	5700.7
30°	1313.9	1536.4	1853.6	2233.1	2777.2	3443.9	4227.2	5201.6	6268.0	7258.1	8233.8
27.5°	1487.2	1805.8	2222.7	2835.0	3683.0	4615.7	5988.1	7310.8	8690.8	9917.6	10940.6
25°	1689.4	2110.6	2755.1	3656.7	4803.5	6400.8	8043.6	9676.1	11160.2	12444.4	13574.8
22.5°	1950.6	2556.3	3415.6	4583.4	6369.2	8283.6	10210.1	12010.7	13593.8	15023.9	16247.5
20°	2234.7	2992.7	4219.8	5961.1	8003.3	10184.4	12359.6	14277.7	16020.8	17642.2	19021.4
17.5°	2594.8	3656.3	5210.3	7299.2	9660.2	12049.9	14335.1	16416.5	18394.2	20110.0	21551.0
15°	2901.6	4240.7	6268.8	8718.7	11272.6	13793.3	16205.9	18466.8	20522.9	22283.3	23638.0
12.5°	3311.0	4895.7	7208.7	9939.1	12706.6	15359.0	17900.2	20237.0	22329.4	24070.5	25125.0
10°	3697.9	5573.8	8117.1	10964.6	13839.8	16665.8	19379.1	21775.7	23718.4	25103.4	26002.1
7.5°	4026.8	6156.6	8856.1	11793.4	14740.1	17694.7	20441.2	22773.1	24564.3	25721.0	26346.6
5°	4272.5	6592.2	9404.5	12466.9	15490.6	18497.1	21222.2	23411.2	24959.4	25818.6	26132.8
2.5°	4429.0	6848.1	9722.8	12908.8	15992.9	19004.8	21757.9	23912.6	25226.1	25795.7	25849.8
0°	4491.6	6881.2	9771.9	13140.6	16119.5	19149.5	21910.3	24118.9	25325.4	25794.0	25784.7
-2.5°	4429.0	6848.1	9722.8	12908.8	15992.9	19004.8	21757.9	23912.6	25226.1	25795.7	25849.8
-5°	4272.5	6592.2	9404.5	12466.9	15490.6	18497.1	21222.2	23411.2	24959.4	25818.6	26132.8
-7.5°	4026.8	6156.6	8856.1	11793.4	14740.1	17694.7	20441.2	22773.1	24564.3	25721.0	26346.6
-10°	3697.9	5573.8	8117.1	10964.6	13839.8	16665.8	19379.1	21775.7	23718.4	25103.4	26002.1
-12.5°	3311.0	4895.7	7208.7	9939.1	12706.6	15359.0	17900.2	20237.0	22329.4	24070.5	25125.0
-15°	2901.6	4240.7	6268.8	8718.7	11272.6	13793.3	16205.9	18466.8	20522.9	22283.3	23638.0
-17.5°	2594.8	3656.3	5210.3	7299.2	9660.2	12049.9	14335.1	16416.5	18394.2	20110.0	21551.0
-20°	2234.7	2992.7	4219.8	5961.1	8003.3	10184.4	12359.6	14277.7	16020.8	17642.2	19021.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627237 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1950.6	2556.3	3415.6	4583.4	6369.2	8283.6	10210.1	12010.7	13593.8	15023.9	16247.5
-25°	1689.4	2110.6	2755.1	3656.7	4803.5	6400.8	8043.6	9676.1	11160.2	12444.4	13574.8
-27.5°	1487.2	1805.8	2222.7	2835.0	3683.0	4615.7	5988.1	7310.8	8690.8	9917.6	10940.6
-30°	1313.9	1536.4	1853.6	2233.1	2777.2	3443.9	4227.2	5201.6	6268.0	7258.1	8233.8
-32.5°	1194.4	1340.6	1548.2	1824.9	2116.5	2569.7	3014.0	3648.5	4235.9	4940.4	5700.7
-35°	1087.0	1200.7	1327.9	1507.1	1704.4	1954.0	2234.0	2599.4	2912.7	3357.2	3781.9
-37.5°	1003.6	1084.9	1181.5	1282.8	1422.2	1555.4	1734.9	1924.1	2095.7	2359.2	2580.9
-40°	939.4	992.1	1061.6	1134.3	1223.7	1303.8	1412.4	1509.1	1617.5	1754.4	1867.6
-42.5°	886.1	927.4	966.8	1020.9	1077.6	1135.8	1198.7	1252.3	1323.0	1394.8	1452.9
-45°	841.1	874.3	906.4	940.2	968.6	1011.2	1050.8	1084.8	1129.9	1170.9	1203.5
-47.5°	803.0	828.8	857.0	883.6	904.1	926.7	947.8	969.1	997.3	1020.9	1038.5
-50°	766.5	789.0	812.3	833.8	851.2	866.5	879.2	893.5	908.7	921.2	929.1
-52.5°	731.9	753.3	772.0	788.1	804.5	817.8	828.3	838.5	847.3	854.5	857.6
-55°	700.1	719.1	738.2	752.1	764.5	775.8	785.4	792.8	799.0	803.9	805.1
-57.5°	664.5	683.0	700.0	712.9	725.5	737.6	746.3	752.0	756.7	760.2	761.5
-60°	622.1	642.8	656.0	666.8	678.9	691.9	699.2	705.3	710.6	715.3	719.3
-62.5°	570.1	587.5	600.2	610.8	620.5	628.9	638.9	647.0	653.3	659.1	665.7
-65°	510.0	527.4	538.8	547.6	554.3	561.9	574.1	583.8	591.2	597.1	602.4
-67.5°	449.3	465.8	477.1	486.4	493.7	501.3	512.2	522.0	530.7	536.6	540.3
-70°	387.3	403.2	415.5	425.7	433.7	441.4	450.0	458.3	466.0	470.3	472.0
-72.5°	325.4	338.8	350.9	361.7	371.0	378.8	385.5	391.3	396.2	399.3	401.2
-75°	266.1	277.0	287.2	296.7	305.4	313.0	319.3	324.7	329.0	331.2	332.4
-77.5°	209.8	217.9	225.2	232.1	238.6	245.1	251.1	256.3	260.9	262.0	261.7
-80°	156.6	162.2	166.9	171.2	175.1	179.6	183.7	187.4	190.6	192.3	193.4
-82.5°	106.3	109.7	112.6	115.3	117.6	121.0	124.0	126.7	128.9	130.5	131.9
-85°	60.4	61.7	62.9	63.9	64.7	67.6	70.3	73.0	75.4	75.3	75.0
-87.5°	22.8	22.5	22.1	21.6	21.0	22.5	24.0	25.4	26.8	26.0	25.1
-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: P627237 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-750-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°	24.1	23.1	23.2	23.2	23.2	23.1	24.1	25.1	26.0	26.8	25.4
85°	74.5	73.8	71.8	69.6	71.8	73.8	74.5	75.0	75.3	75.4	73.0
82.5°	133.1	133.9	132.1	129.9	132.1	133.9	133.1	131.9	130.5	128.9	126.7
80°	194.0	194.0	192.4	190.2	192.4	194.0	194.0	193.4	192.3	190.6	187.4
77.5°	260.6	258.7	259.5	259.8	259.5	258.7	260.6	261.7	262.0	260.9	256.3
75°	332.8	332.5	331.4	329.4	331.4	332.5	332.8	332.4	331.2	329.0	324.7
72.5°	402.1	402.0	401.0	399.0	401.0	402.0	402.1	401.2	399.3	396.2	391.3
70°	472.4	471.5	472.7	473.3	472.7	471.5	472.4	472.0	470.3	466.0	458.3
67.5°	543.2	545.0	544.7	542.9	544.7	545.0	543.2	540.3	536.6	530.7	522.0
65°	606.7	609.9	611.8	612.5	611.8	609.9	606.7	602.4	597.1	591.2	583.8
62.5°	670.8	674.5	674.7	672.8	674.7	674.5	670.8	665.7	659.1	653.3	647.0
60°	721.6	722.1	721.3	719.2	721.3	722.1	721.6	719.3	715.3	710.6	705.3
57.5°	761.5	760.2	758.6	756.3	758.6	760.2	761.5	761.5	760.2	756.7	752.0
55°	804.4	802.2	800.3	798.1	800.3	802.2	804.4	805.1	803.9	799.0	792.8
52.5°	858.3	857.1	855.8	853.8	855.8	857.1	858.3	857.6	854.5	847.3	838.5
50°	933.2	934.3	934.2	932.6	934.2	934.3	933.2	929.1	921.2	908.7	893.5
47.5°	1049.6	1055.9	1060.1	1062.6	1060.1	1055.9	1049.6	1038.5	1020.9	997.3	969.1
45°	1224.3	1236.7	1245.5	1252.8	1245.5	1236.7	1224.3	1203.5	1170.9	1129.9	1084.8
42.5°	1493.7	1521.4	1534.5	1531.2	1534.5	1521.4	1493.7	1452.9	1394.8	1323.0	1252.3
40°	1943.0	1987.8	2012.6	2032.3	2012.6	1987.8	1943.0	1867.6	1754.4	1617.5	1509.1
37.5°	2732.2	2819.1	2864.9	2904.7	2864.9	2819.1	2732.2	2580.9	2359.2	2095.7	1924.1
35°	4099.3	4294.8	4399.5	4435.9	4399.5	4294.8	4099.3	3781.9	3357.2	2912.7	2599.4
32.5°	6292.3	6652.9	6852.4	7006.5	6852.4	6652.9	6292.3	5700.7	4940.4	4235.9	3648.5
30°	9006.4	9481.4	9745.2	9874.0	9745.2	9481.4	9006.4	8233.8	7258.1	6268.0	5201.6
27.5°	11788.6	12328.6	12613.0	12597.7	12613.0	12328.6	11788.6	10940.6	9917.6	8690.8	7310.8
25°	14543.9	15169.4	15452.8	15706.5	15452.8	15169.4	14543.9	13574.8	12444.4	11160.2	9676.1
22.5°	17330.7	18062.1	18461.2	18648.3	18461.2	18062.1	17330.7	16247.5	15023.9	13593.8	12010.7
20°	20084.2	20898.4	21322.1	21506.6	21322.1	20898.4	20084.2	19021.4	17642.2	16020.8	14277.7
17.5°	22526.4	23321.2	23725.0	23896.2	23725.0	23321.2	22526.4	21551.0	20110.0	18394.2	16416.5
15°	24476.4	25062.7	25406.1	25497.0	25406.1	25062.7	24476.4	23638.0	22283.3	20522.9	18466.8
12.5°	25824.3	26051.4	26216.6	26267.3	26216.6	26051.4	25824.3	25125.0	24070.5	22329.4	20237.0
10°	26513.4	26411.0	26368.6	26374.0	26368.6	26411.0	26513.4	26002.1	25103.4	23718.4	21775.7
7.5°	26466.0	26314.3	26009.6	25961.0	26009.6	26314.3	26466.0	26346.6	25721.0	24564.3	22773.1
5°	26085.8	25809.5	25303.7	25158.3	25303.7	25809.5	26085.8	26132.8	25818.6	24959.4	23411.2
2.5°	25642.6	25144.6	24678.6	24378.8	24678.6	25144.6	25642.6	25849.8	25795.7	25226.1	23912.6
0°	25511.0	24935.6	24332.4	24137.5	24332.4	24935.6	25511.0	25784.7	25794.0	25325.4	24118.9
-2.5°	25642.6	25144.6	24678.6	24378.8	24678.6	25144.6	25642.6	25849.8	25795.7	25226.1	23912.6
-5°	26085.8	25809.5	25303.7	25158.3	25303.7	25809.5	26085.8	26132.8	25818.6	24959.4	23411.2
-7.5°	26466.0	26314.3	26009.6	25961.0	26009.6	26314.3	26466.0	26346.6	25721.0	24564.3	22773.1
-10°	26513.4	26411.0	26368.6	26374.0	26368.6	26411.0	26513.4	26002.1	25103.4	23718.4	21775.7
-12.5°	25824.3	26051.4	26216.6	26267.3	26216.6	26051.4	25824.3	25125.0	24070.5	22329.4	20237.0
-15°	24476.4	25062.7	25406.1	25497.0	25406.1	25062.7	24476.4	23638.0	22283.3	20522.9	18466.8
-17.5°	22526.4	23321.2	23725.0	23896.2	23725.0	23321.2	22526.4	21551.0	20110.0	18394.2	16416.5
-20°	20084.2	20898.4	21322.1	21506.6	21322.1	20898.4	20084.2	19021.4	17642.2	16020.8	14277.7



REPORT NUMBER: P627237 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-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°	17330.7	18062.1	18461.2	18648.3	18461.2	18062.1	17330.7	16247.5	15023.9	13593.8	12010.7
-25°	14543.9	15169.4	15452.8	15706.5	15452.8	15169.4	14543.9	13574.8	12444.4	11160.2	9676.1
-27.5°	11788.6	12328.6	12613.0	12597.7	12613.0	12328.6	11788.6	10940.6	9917.6	8690.8	7310.8
-30°	9006.4	9481.4	9745.2	9874.0	9745.2	9481.4	9006.4	8233.8	7258.1	6268.0	5201.6
-32.5°	6292.3	6652.9	6852.4	7006.5	6852.4	6652.9	6292.3	5700.7	4940.4	4235.9	3648.5
-35°	4099.3	4294.8	4399.5	4435.9	4399.5	4294.8	4099.3	3781.9	3357.2	2912.7	2599.4
-37.5°	2732.2	2819.1	2864.9	2904.7	2864.9	2819.1	2732.2	2580.9	2359.2	2095.7	1924.1
-40°	1943.0	1987.8	2012.6	2032.3	2012.6	1987.8	1943.0	1867.6	1754.4	1617.5	1509.1
-42.5°	1493.7	1521.4	1534.5	1531.2	1534.5	1521.4	1493.7	1452.9	1394.8	1323.0	1252.3
-45°	1224.3	1236.7	1245.5	1252.8	1245.5	1236.7	1224.3	1203.5	1170.9	1129.9	1084.8
-47.5°	1049.6	1055.9	1060.1	1062.6	1060.1	1055.9	1049.6	1038.5	1020.9	997.3	969.1
-50°	933.2	934.3	934.2	932.6	934.2	934.3	933.2	929.1	921.2	908.7	893.5
-52.5°	858.3	857.1	855.8	853.8	855.8	857.1	858.3	857.6	854.5	847.3	838.5
-55°	804.4	802.2	800.3	798.1	800.3	802.2	804.4	805.1	803.9	799.0	792.8
-57.5°	761.5	760.2	758.6	756.3	758.6	760.2	761.5	761.5	760.2	756.7	752.0
-60°	721.6	722.1	721.3	719.2	721.3	722.1	721.6	719.3	715.3	710.6	705.3
-62.5°	670.8	674.5	674.7	672.8	674.7	674.5	670.8	665.7	659.1	653.3	647.0
-65°	606.7	609.9	611.8	612.5	611.8	609.9	606.7	602.4	597.1	591.2	583.8
-67.5°	543.2	545.0	544.7	542.9	544.7	545.0	543.2	540.3	536.6	530.7	522.0
-70°	472.4	471.5	472.7	473.3	472.7	471.5	472.4	472.0	470.3	466.0	458.3
-72.5°	402.1	402.0	401.0	399.0	401.0	402.0	402.1	401.2	399.3	396.2	391.3
-75°	332.8	332.5	331.4	329.4	331.4	332.5	332.8	332.4	331.2	329.0	324.7
-77.5°	260.6	258.7	259.5	259.8	259.5	258.7	260.6	261.7	262.0	260.9	256.3
-80°	194.0	194.0	192.4	190.2	192.4	194.0	194.0	193.4	192.3	190.6	187.4
-82.5°	133.1	133.9	132.1	129.9	132.1	133.9	133.1	131.9	130.5	128.9	126.7
-85°	74.5	73.8	71.8	69.6	71.8	73.8	74.5	75.0	75.3	75.4	73.0
-87.5°	24.1	23.1	23.2	23.2	23.2	23.1	24.1	25.1	26.0	26.8	25.4
-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: P627237 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-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°	24.0	22.5	21.0	21.6	22.1	22.5	22.8	22.1	21.3	20.5	19.7
85°	70.3	67.6	64.7	63.9	62.9	61.7	60.4	57.7	54.9	52.0	48.9
82.5°	124.0	121.0	117.6	115.3	112.6	109.7	106.3	101.2	96.0	90.8	85.5
80°	183.7	179.6	175.1	171.2	166.9	162.2	156.6	148.7	140.4	132.3	124.6
77.5°	251.1	245.1	238.6	232.1	225.2	217.9	209.8	199.8	189.7	179.1	168.4
75°	319.3	313.0	305.4	296.7	287.2	277.0	266.1	254.1	241.4	228.1	214.7
72.5°	385.5	378.8	371.0	361.7	350.9	338.8	325.4	310.7	295.1	278.8	262.9
70°	450.0	441.4	433.7	425.7	415.5	403.2	387.3	369.5	350.8	332.0	313.5
67.5°	512.2	501.3	493.7	486.4	477.1	465.8	449.3	430.2	409.2	387.3	365.5
65°	574.1	561.9	554.3	547.6	538.8	527.4	510.0	490.6	468.5	444.0	418.7
62.5°	638.9	628.9	620.5	610.8	600.2	587.5	570.1	549.7	527.4	501.7	472.3
60°	699.2	691.9	678.9	666.8	656.0	642.8	622.1	602.5	584.2	554.8	523.1
57.5°	746.3	737.6	725.5	712.9	700.0	683.0	664.5	646.0	624.8	600.0	570.5
55°	785.4	775.8	764.5	752.1	738.2	719.1	700.1	680.3	659.9	639.1	610.4
52.5°	828.3	817.8	804.5	788.1	772.0	753.3	731.9	710.9	691.8	670.6	647.1
50°	879.2	866.5	851.2	833.8	812.3	789.0	766.5	742.0	722.1	701.4	677.4
47.5°	947.8	926.7	904.1	883.6	857.0	828.8	803.0	777.7	754.1	731.9	707.3
45°	1050.8	1011.2	968.6	940.2	906.4	874.3	841.1	812.7	785.6	760.4	737.6
42.5°	1198.7	1135.8	1077.6	1020.9	966.8	927.4	886.1	850.8	818.1	788.2	761.3
40°	1412.4	1303.8	1223.7	1134.3	1061.6	992.1	939.4	891.3	853.5	818.1	785.3
37.5°	1734.9	1555.4	1422.2	1282.8	1181.5	1084.9	1003.6	941.0	889.6	848.5	810.5
35°	2234.0	1954.0	1704.4	1507.1	1327.9	1200.7	1087.0	999.3	933.4	879.8	835.4
32.5°	3014.0	2569.7	2116.5	1824.9	1548.2	1340.6	1194.4	1073.6	980.4	916.5	863.2
30°	4227.2	3443.9	2777.2	2233.1	1853.6	1536.4	1313.9	1166.3	1047.0	953.8	891.3
27.5°	5988.1	4615.7	3683.0	2835.0	2222.7	1805.8	1487.2	1265.4	1117.1	1005.9	923.6
25°	8043.6	6400.8	4803.5	3656.7	2755.1	2110.6	1689.4	1404.2	1203.8	1060.2	952.1
22.5°	10210.1	8283.6	6369.2	4583.4	3415.6	2556.3	1950.6	1544.2	1285.8	1118.0	993.4
20°	12359.6	10184.4	8003.3	5961.1	4219.8	2992.7	2234.7	1730.0	1400.1	1182.9	1032.5
17.5°	14335.1	12049.9	9660.2	7299.2	5210.3	3656.3	2594.8	1917.9	1499.9	1240.5	1066.5
15°	16205.9	13793.3	11272.6	8718.7	6268.8	4240.7	2901.6	2081.5	1603.6	1307.5	1110.9
12.5°	17900.2	15359.0	12706.6	9939.1	7208.7	4895.7	3311.0	2322.8	1731.1	1377.0	1152.7
10°	19379.1	16665.8	13839.8	10964.6	8117.1	5573.8	3697.9	2528.5	1841.5	1434.5	1186.9
7.5°	20441.2	17694.7	14740.1	11793.4	8856.1	6156.6	4026.8	2691.4	1928.1	1478.7	1213.3
5°	21222.2	18497.1	15490.6	12466.9	9404.5	6592.2	4272.5	2806.0	1990.1	1509.2	1231.6
2.5°	21757.9	19004.8	15992.9	12908.8	9722.8	6848.1	4429.0	2867.5	2019.4	1533.1	1241.7
0°	21910.3	19149.5	16119.5	13140.6	9771.9	6881.2	4491.6	2876.8	2018.4	1545.1	1243.5
-2.5°	21757.9	19004.8	15992.9	12908.8	9722.8	6848.1	4429.0	2867.5	2019.4	1533.1	1241.7
-5°	21222.2	18497.1	15490.6	12466.9	9404.5	6592.2	4272.5	2806.0	1990.1	1509.2	1231.6
-7.5°	20441.2	17694.7	14740.1	11793.4	8856.1	6156.6	4026.8	2691.4	1928.1	1478.7	1213.3
-10°	19379.1	16665.8	13839.8	10964.6	8117.1	5573.8	3697.9	2528.5	1841.5	1434.5	1186.9
-12.5°	17900.2	15359.0	12706.6	9939.1	7208.7	4895.7	3311.0	2322.8	1731.1	1377.0	1152.7
-15°	16205.9	13793.3	11272.6	8718.7	6268.8	4240.7	2901.6	2081.5	1603.6	1307.5	1110.9
-17.5°	14335.1	12049.9	9660.2	7299.2	5210.3	3656.3	2594.8	1917.9	1499.9	1240.5	1066.5
-20°	12359.6	10184.4	8003.3	5961.1	4219.8	2992.7	2234.7	1730.0	1400.1	1182.9	1032.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627237 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	10210.1	8283.6	6369.2	4583.4	3415.6	2556.3	1950.6	1544.2	1285.8	1118.0	993.4
-25°	8043.6	6400.8	4803.5	3656.7	2755.1	2110.6	1689.4	1404.2	1203.8	1060.2	952.1
-27.5°	5988.1	4615.7	3683.0	2835.0	2222.7	1805.8	1487.2	1265.4	1117.1	1005.9	923.6
-30°	4227.2	3443.9	2777.2	2233.1	1853.6	1536.4	1313.9	1166.3	1047.0	953.8	891.3
-32.5°	3014.0	2569.7	2116.5	1824.9	1548.2	1340.6	1194.4	1073.6	980.4	916.5	863.2
-35°	2234.0	1954.0	1704.4	1507.1	1327.9	1200.7	1087.0	999.3	933.4	879.8	835.4
-37.5°	1734.9	1555.4	1422.2	1282.8	1181.5	1084.9	1003.6	941.0	889.6	848.5	810.5
-40°	1412.4	1303.8	1223.7	1134.3	1061.6	992.1	939.4	891.3	853.5	818.1	785.3
-42.5°	1198.7	1135.8	1077.6	1020.9	966.8	927.4	886.1	850.8	818.1	788.2	761.3
-45°	1050.8	1011.2	968.6	940.2	906.4	874.3	841.1	812.7	785.6	760.4	737.6
-47.5°	947.8	926.7	904.1	883.6	857.0	828.8	803.0	777.7	754.1	731.9	707.3
-50°	879.2	866.5	851.2	833.8	812.3	789.0	766.5	742.0	722.1	701.4	677.4
-52.5°	828.3	817.8	804.5	788.1	772.0	753.3	731.9	710.9	691.8	670.6	647.1
-55°	785.4	775.8	764.5	752.1	738.2	719.1	700.1	680.3	659.9	639.1	610.4
-57.5°	746.3	737.6	725.5	712.9	700.0	683.0	664.5	646.0	624.8	600.0	570.5
-60°	699.2	691.9	678.9	666.8	656.0	642.8	622.1	602.5	584.2	554.8	523.1
-62.5°	638.9	628.9	620.5	610.8	600.2	587.5	570.1	549.7	527.4	501.7	472.3
-65°	574.1	561.9	554.3	547.6	538.8	527.4	510.0	490.6	468.5	444.0	418.7
-67.5°	512.2	501.3	493.7	486.4	477.1	465.8	449.3	430.2	409.2	387.3	365.5
-70°	450.0	441.4	433.7	425.7	415.5	403.2	387.3	369.5	350.8	332.0	313.5
-72.5°	385.5	378.8	371.0	361.7	350.9	338.8	325.4	310.7	295.1	278.8	262.9
-75°	319.3	313.0	305.4	296.7	287.2	277.0	266.1	254.1	241.4	228.1	214.7
-77.5°	251.1	245.1	238.6	232.1	225.2	217.9	209.8	199.8	189.7	179.1	168.4
-80°	183.7	179.6	175.1	171.2	166.9	162.2	156.6	148.7	140.4	132.3	124.6
-82.5°	124.0	121.0	117.6	115.3	112.6	109.7	106.3	101.2	96.0	90.8	85.5
-85°	70.3	67.6	64.7	63.9	62.9	61.7	60.4	57.7	54.9	52.0	48.9
-87.5°	24.0	22.5	21.0	21.6	22.1	22.5	22.8	22.1	21.3	20.5	19.7
-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: P627237 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-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°	18.8	17.9	16.9	15.9	14.9	13.9	12.8	11.7	10.2	8.7	7.3
85°	45.7	42.3	38.9	35.3	31.5	27.8	25.6	23.4	20.3	17.4	14.6
82.5°	80.2	75.1	69.9	64.4	58.1	52.0	45.9	40.0	33.5	26.6	21.9
80°	117.6	110.3	102.7	94.7	85.6	76.0	67.6	59.5	51.5	43.0	34.1
77.5°	158.2	147.5	136.5	126.3	115.8	104.6	92.6	80.2	69.4	59.4	48.8
75°	201.5	188.5	175.2	161.5	147.4	133.1	119.4	105.1	90.7	76.1	63.5
72.5°	247.4	231.4	214.8	197.7	181.3	164.4	147.1	129.8	113.0	96.0	78.7
70°	294.7	275.0	255.7	236.5	216.4	195.5	175.8	155.5	135.1	115.7	96.0
67.5°	342.9	320.8	298.0	275.4	253.0	229.5	204.8	181.0	157.8	135.1	113.0
65°	393.5	367.4	340.7	315.0	289.4	263.8	236.7	207.0	180.0	154.6	129.8
62.5°	443.4	414.8	384.8	354.3	325.2	296.8	268.0	235.0	202.4	173.7	146.3
60°	491.7	459.7	427.4	393.6	360.5	328.7	296.7	262.2	226.7	192.3	162.3
57.5°	536.0	502.5	466.3	430.7	395.1	359.9	324.5	287.9	250.3	212.5	178.0
55°	577.6	541.1	503.4	464.9	427.5	390.0	351.6	312.5	273.0	232.6	193.3
52.5°	616.7	578.5	538.5	497.6	457.1	418.4	377.9	336.5	294.5	252.0	210.1
50°	650.8	614.9	572.5	529.4	485.5	444.6	403.5	359.7	315.4	270.6	226.5
47.5°	679.4	646.5	605.6	560.1	513.9	470.2	427.4	382.1	335.5	288.5	242.2
45°	707.5	675.7	636.1	589.7	542.1	495.9	450.4	403.6	354.8	305.7	257.2
42.5°	733.8	702.0	665.0	618.2	568.9	520.5	472.7	423.9	373.3	322.1	271.5
40°	756.1	725.1	692.3	645.5	594.3	543.8	493.9	443.5	391.0	337.7	285.1
37.5°	777.9	746.1	712.3	671.3	618.1	565.6	513.9	462.3	408.1	352.8	297.8
35°	799.0	766.1	730.3	691.3	640.2	585.9	532.5	479.9	424.1	367.2	309.7
32.5°	817.9	784.0	746.8	707.5	660.6	604.8	549.7	495.3	439.0	380.9	320.8
30°	840.3	799.1	761.7	723.3	678.0	622.0	565.7	509.7	452.7	393.7	331.2
27.5°	861.8	813.6	775.1	736.6	691.7	637.7	580.5	523.0	465.2	405.4	341.5
25°	882.5	830.1	787.5	747.6	704.8	652.6	594.0	535.2	476.2	415.6	351.0
22.5°	906.4	845.3	799.1	757.2	717.3	666.1	606.3	546.2	486.0	424.8	359.7
20°	927.7	857.8	809.7	766.3	726.7	676.3	617.2	556.1	494.8	432.9	367.5
17.5°	948.4	872.0	820.2	775.0	733.8	685.2	626.9	564.7	502.5	439.9	374.5
15°	977.2	888.3	829.2	782.4	739.7	692.9	635.1	572.1	509.1	445.9	380.8
12.5°	1001.9	901.9	836.7	788.5	744.6	699.2	641.9	578.2	514.5	451.2	386.3
10°	1021.9	912.7	842.6	793.2	748.3	704.1	647.3	583.4	519.6	455.8	390.9
7.5°	1037.2	920.8	846.8	796.5	750.9	707.7	652.3	588.0	523.7	459.4	394.4
5°	1047.5	926.1	850.3	798.5	752.3	709.9	656.0	591.3	526.7	461.9	397.0
2.5°	1052.9	928.5	852.9	799.0	752.6	710.6	658.2	593.2	528.4	463.5	398.5
0°	1053.3	928.0	853.8	798.1	751.7	709.9	658.9	593.9	529.0	464.0	399.0
-2.5°	1052.9	928.5	852.9	799.0	752.6	710.6	658.2	593.2	528.4	463.5	398.5
-5°	1047.5	926.1	850.3	798.5	752.3	709.9	656.0	591.3	526.7	461.9	397.0
-7.5°	1037.2	920.8	846.8	796.5	750.9	707.7	652.3	588.0	523.7	459.4	394.4
-10°	1021.9	912.7	842.6	793.2	748.3	704.1	647.3	583.4	519.6	455.8	390.9
-12.5°	1001.9	901.9	836.7	788.5	744.6	699.2	641.9	578.2	514.5	451.2	386.3
-15°	977.2	888.3	829.2	782.4	739.7	692.9	635.1	572.1	509.1	445.9	380.8
-17.5°	948.4	872.0	820.2	775.0	733.8	685.2	626.9	564.7	502.5	439.9	374.5
-20°	927.7	857.8	809.7	766.3	726.7	676.3	617.2	556.1	494.8	432.9	367.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627237 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-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°	906.4	845.3	799.1	757.2	717.3	666.1	606.3	546.2	486.0	424.8	359.7
-25°	882.5	830.1	787.5	747.6	704.8	652.6	594.0	535.2	476.2	415.6	351.0
-27.5°	861.8	813.6	775.1	736.6	691.7	637.7	580.5	523.0	465.2	405.4	341.5
-30°	840.3	799.1	761.7	723.3	678.0	622.0	565.7	509.7	452.7	393.7	331.2
-32.5°	817.9	784.0	746.8	707.5	660.6	604.8	549.7	495.3	439.0	380.9	320.8
-35°	799.0	766.1	730.3	691.3	640.2	585.9	532.5	479.9	424.1	367.2	309.7
-37.5°	777.9	746.1	712.3	671.3	618.1	565.6	513.9	462.3	408.1	352.8	297.8
-40°	756.1	725.1	692.3	645.5	594.3	543.8	493.9	443.5	391.0	337.7	285.1
-42.5°	733.8	702.0	665.0	618.2	568.9	520.5	472.7	423.9	373.3	322.1	271.5
-45°	707.5	675.7	636.1	589.7	542.1	495.9	450.4	403.6	354.8	305.7	257.2
-47.5°	679.4	646.5	605.6	560.1	513.9	470.2	427.4	382.1	335.5	288.5	242.2
-50°	650.8	614.9	572.5	529.4	485.5	444.6	403.5	359.7	315.4	270.6	226.5
-52.5°	616.7	578.5	538.5	497.6	457.1	418.4	377.9	336.5	294.5	252.0	210.1
-55°	577.6	541.1	503.4	464.9	427.5	390.0	351.6	312.5	273.0	232.6	193.3
-57.5°	536.0	502.5	466.3	430.7	395.1	359.9	324.5	287.9	250.3	212.5	178.0
-60°	491.7	459.7	427.4	393.6	360.5	328.7	296.7	262.2	226.7	192.3	162.3
-62.5°	443.4	414.8	384.8	354.3	325.2	296.8	268.0	235.0	202.4	173.7	146.3
-65°	393.5	367.4	340.7	315.0	289.4	263.8	236.7	207.0	180.0	154.6	129.8
-67.5°	342.9	320.8	298.0	275.4	253.0	229.5	204.8	181.0	157.8	135.1	113.0
-70°	294.7	275.0	255.7	236.5	216.4	195.5	175.8	155.5	135.1	115.7	96.0
-72.5°	247.4	231.4	214.8	197.7	181.3	164.4	147.1	129.8	113.0	96.0	78.7
-75°	201.5	188.5	175.2	161.5	147.4	133.1	119.4	105.1	90.7	76.1	63.5
-77.5°	158.2	147.5	136.5	126.3	115.8	104.6	92.6	80.2	69.4	59.4	48.8
-80°	117.6	110.3	102.7	94.7	85.6	76.0	67.6	59.5	51.5	43.0	34.1
-82.5°	80.2	75.1	69.9	64.4	58.1	52.0	45.9	40.0	33.5	26.6	21.9
-85°	45.7	42.3	38.9	35.3	31.5	27.8	25.6	23.4	20.3	17.4	14.6
-87.5°	18.8	17.9	16.9	15.9	14.9	13.9	12.8	11.7	10.2	8.7	7.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627237 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	6.0	5.0	4.0	3.0	2.0	1.0	0.0
85°	12.0	10.0	8.0	6.0	4.0	2.0	0.0
82.5°	18.0	15.0	12.1	9.1	6.0	3.0	0.0
80°	24.7	20.0	16.0	12.1	8.0	4.0	0.0
77.5°	37.7	27.0	20.0	15.0	10.0	5.0	0.0
75°	50.6	37.7	24.7	18.0	12.0	6.0	0.0
72.5°	63.3	48.3	33.3	20.9	13.9	7.0	0.0
70°	76.1	58.8	41.7	24.4	15.9	7.9	0.0
67.5°	90.6	69.1	49.9	30.6	17.7	8.9	0.0
65°	104.8	80.0	58.1	36.7	19.6	9.8	0.0
62.5°	118.7	91.4	66.0	42.7	21.4	10.7	0.0
60°	132.2	102.6	73.8	48.5	23.2	11.6	0.0
57.5°	145.7	113.4	82.3	54.2	26.9	12.5	0.0
55°	158.9	123.8	90.6	59.8	30.5	13.3	0.0
52.5°	171.8	134.0	98.6	65.2	34.0	14.1	0.0
50°	184.4	144.6	106.3	70.4	37.4	14.9	0.0
47.5°	196.8	154.8	113.7	75.5	40.6	15.7	0.0
45°	209.6	164.7	120.8	80.8	43.7	16.4	0.0
42.5°	221.9	174.2	127.5	85.8	46.7	17.1	0.0
40°	233.5	183.3	134.3	90.5	49.4	17.8	0.0
37.5°	244.4	192.0	141.2	94.8	52.0	18.4	0.0
35°	254.6	200.5	147.8	98.9	54.5	19.0	0.0
32.5°	264.2	208.5	154.0	102.7	56.7	19.6	0.0
30°	273.0	216.0	159.8	106.3	58.8	20.1	0.0
27.5°	281.1	222.8	164.9	109.5	60.7	20.6	0.0
25°	288.5	229.1	169.6	112.5	62.5	21.0	0.0
22.5°	295.1	234.6	173.9	115.2	64.0	21.4	0.0
20°	301.0	239.3	177.6	117.5	65.4	21.8	0.0
17.5°	306.3	243.5	180.9	119.6	66.6	22.1	0.0
15°	311.0	247.0	183.7	121.4	67.5	22.4	0.0
12.5°	315.1	249.9	186.0	122.8	68.3	22.6	0.0
10°	318.5	252.2	187.9	124.0	69.0	22.8	0.0
7.5°	321.2	253.9	189.2	124.8	69.4	23.0	0.0
5°	323.2	255.0	190.0	125.3	69.6	23.1	0.0
2.5°	324.4	255.4	190.4	125.4	69.7	23.2	0.0
0°	324.8	255.2	190.2	125.3	69.6	23.2	0.0
-2.5°	324.4	255.4	190.4	125.4	69.7	23.2	0.0
-5°	323.2	255.0	190.0	125.3	69.6	23.1	0.0
-7.5°	321.2	253.9	189.2	124.8	69.4	23.0	0.0
-10°	318.5	252.2	187.9	124.0	69.0	22.8	0.0
-12.5°	315.1	249.9	186.0	122.8	68.3	22.6	0.0
-15°	311.0	247.0	183.7	121.4	67.5	22.4	0.0
-17.5°	306.3	243.5	180.9	119.6	66.6	22.1	0.0
-20°	301.0	239.3	177.6	117.5	65.4	21.8	0.0

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REPORT NUMBER: P627237 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	295.1	234.6	173.9	115.2	64.0	21.4	0.0
-25°	288.5	229.1	169.6	112.5	62.5	21.0	0.0
-27.5°	281.1	222.8	164.9	109.5	60.7	20.6	0.0
-30°	273.0	216.0	159.8	106.3	58.8	20.1	0.0
-32.5°	264.2	208.5	154.0	102.7	56.7	19.6	0.0
-35°	254.6	200.5	147.8	98.9	54.5	19.0	0.0
-37.5°	244.4	192.0	141.2	94.8	52.0	18.4	0.0
-40°	233.5	183.3	134.3	90.5	49.4	17.8	0.0
-42.5°	221.9	174.2	127.5	85.8	46.7	17.1	0.0
-45°	209.6	164.7	120.8	80.8	43.7	16.4	0.0
-47.5°	196.8	154.8	113.7	75.5	40.6	15.7	0.0
-50°	184.4	144.6	106.3	70.4	37.4	14.9	0.0
-52.5°	171.8	134.0	98.6	65.2	34.0	14.1	0.0
-55°	158.9	123.8	90.6	59.8	30.5	13.3	0.0
-57.5°	145.7	113.4	82.3	54.2	26.9	12.5	0.0
-60°	132.2	102.6	73.8	48.5	23.2	11.6	0.0
-62.5°	118.7	91.4	66.0	42.7	21.4	10.7	0.0
-65°	104.8	80.0	58.1	36.7	19.6	9.8	0.0
-67.5°	90.6	69.1	49.9	30.6	17.7	8.9	0.0
-70°	76.1	58.8	41.7	24.4	15.9	7.9	0.0
-72.5°	63.3	48.3	33.3	20.9	13.9	7.0	0.0
-75°	50.6	37.7	24.7	18.0	12.0	6.0	0.0
-77.5°	37.7	27.0	20.0	15.0	10.0	5.0	0.0
-80°	24.7	20.0	16.0	12.1	8.0	4.0	0.0
-82.5°	18.0	15.0	12.1	9.1	6.0	3.0	0.0
-85°	12.0	10.0	8.0	6.0	4.0	2.0	0.0
-87.5°	6.0	5.0	4.0	3.0	2.0	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)