

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: P627235 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627235 (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-SA3D-750-U-MR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N80  
Light Source: (48) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 22368.5 lumens  
Efficiency: N/A  
Efficacy: 139.6 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V  
Max Intensity: 71594.3 candela  
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 28.8°H x 29°V  
Beam Lumens: 10875.3 lumens  
Beam Efficiency: 48.6%

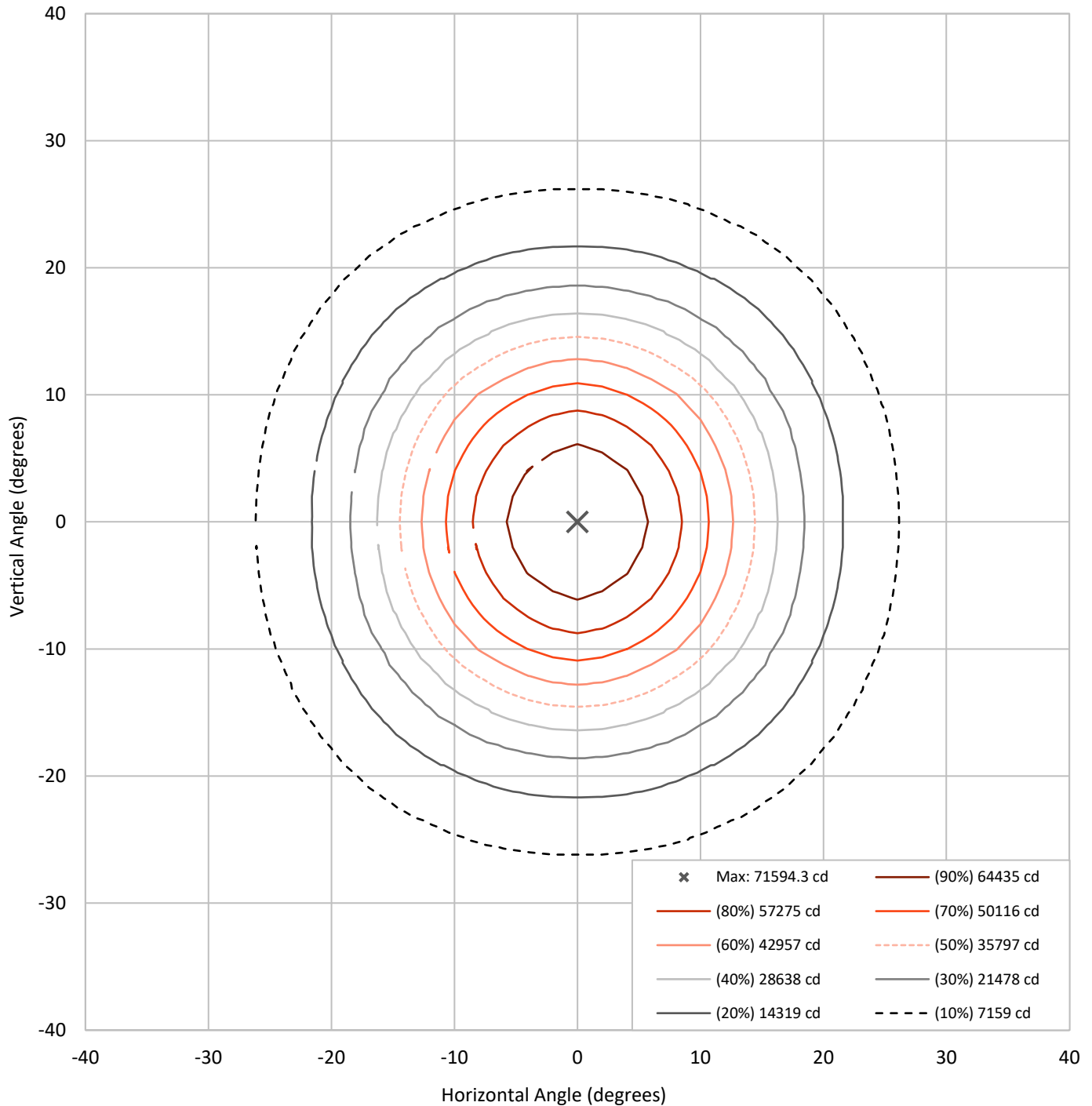
Field Angle (10%): 52.3°H x 52.3°V  
Field Lumens: 18353 lumens  
Field Efficiency: 82.0%

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: P627235 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3D-750-U-MR-XX

### Iso-Candela Plot





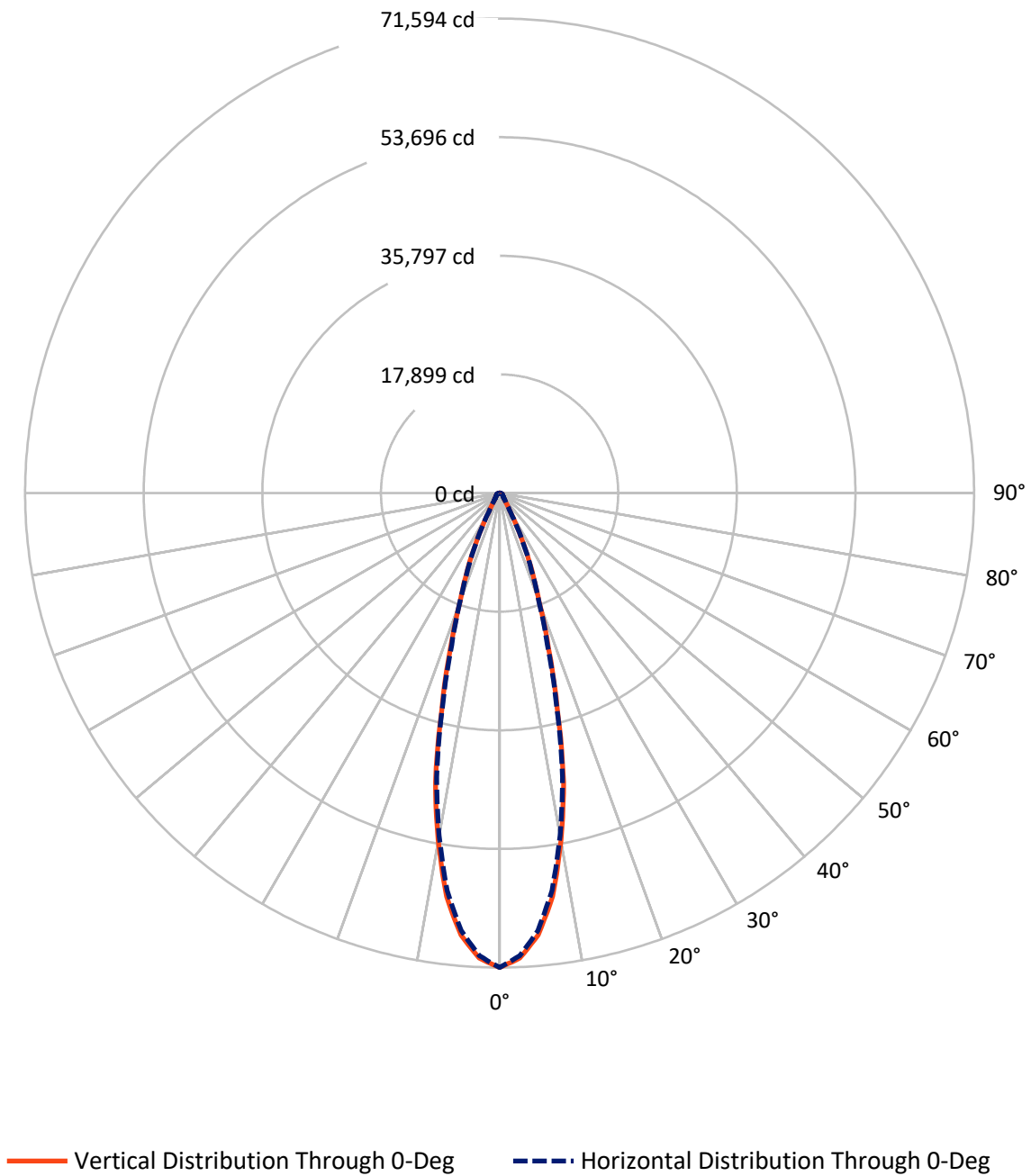
REPORT NUMBER: P627235 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-750-U-MR-XX

### Lumen Table

90	0.4	3.7		9.7		15.3		17.1		15.3		9.7		3.7		0.4			
80	0.4	3.7		9.7		15.3		17.1		15.3		9.7		3.7		0.4			
70	1.7	1.9	3.9	6.3	8.8	10.8	12.1	12.7	12.7	12.1	10.8	8.8	6.3	3.9	1.9	1.7			
60		2.9	5.8	9.3	12.5	15.4	17.3	17.9	17.9	17.3	15.4	12.5	9.3	5.8	2.9				
50	3.0	3.7	7.4	11.5	15.3	19.4	22.8	24.5	24.5	22.8	19.4	15.3	11.5	7.4	3.7	3.0			
40		4.3	8.7	13.3	18.8	26.8	38.8	50.4	50.4	38.8	26.8	18.8	13.3	8.7	4.3				
30	3.8	4.8	9.5	15.0	24.1	52.3	147.2	261.1	261.1	147.2	52.3	24.1	15.0	9.5	4.8	3.8			
20		5.2	10.0	16.3	32.8	137.3	489.3	937.6	937.6	489.3	137.3	32.8	16.3	10.0	5.2				
10	4.1	5.4	10.2	17.1	41.6	237.0	905.7	1781.4	1781.4	905.7	237.0	41.6	17.1	10.2	5.4	4.1			
0		5.4	10.2	17.1	41.6	237.0	905.7	1781.4	1781.4	905.7	237.0	41.6	17.1	10.2	5.4				
-10	3.8	5.2	10.0	16.3	32.8	137.3	489.3	937.6	937.6	489.3	137.3	32.8	16.3	10.0	5.2	3.8			
-20		4.8	9.5	15.0	24.1	52.3	147.2	261.1	261.1	147.2	52.3	24.1	15.0	9.5	4.8				
-30	3.0	4.3	8.7	13.3	18.8	26.8	38.8	50.4	50.4	38.8	26.8	18.8	13.3	8.7	4.3	3.0			
-40		3.7	7.4	11.5	15.3	19.4	22.8	24.5	24.5	22.8	19.4	15.3	11.5	7.4	3.7				
-50	1.7	2.9	5.8	9.3	12.5	15.4	17.3	17.9	17.9	17.3	15.4	12.5	9.3	5.8	2.9	1.7			
-60		1.9	3.9	6.3	8.8	10.8	12.1	12.7	12.7	12.1	10.8	8.8	6.3	3.9	1.9				
-70	0.4	3.7		9.7		15.3		17.1		15.3		9.7		3.7		0.4			
-80		3.7		9.7		15.3		17.1		15.3		9.7		3.7					
-90	0.4	3.7		9.7		15.3		17.1		15.3		9.7		3.7		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

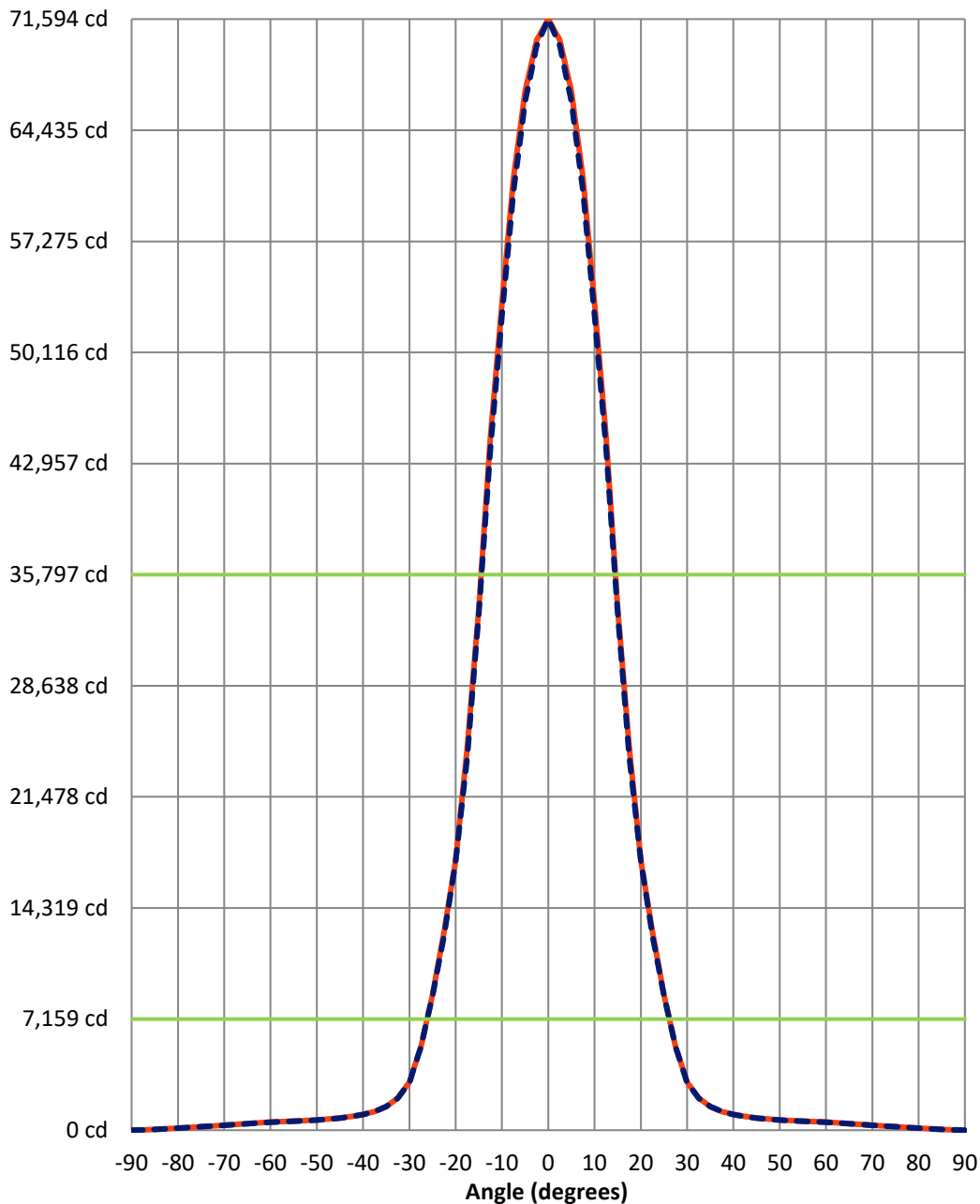
REPORT NUMBER: P627235 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA3D-750-U-MR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P627235 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-750-U-MR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.8°  
 V Angle: 29°  
 Lumens: 10875.3  
 Efficiency: 48.6%

**Field:**  
 H Angle: 52.3°  
 V Angle: 52.3°  
 Lumens: 18353  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 4015.5  
 Efficiency: 18.0%

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



REPORT NUMBER: P627235 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-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	0.8	1.6	2.4	3.2	4.0	4.8	5.5	6.3	7.0	7.8
85°	0.0	1.6	3.2	4.8	6.4	8.0	9.5	11.1	12.6	14.1	15.5
82.5°	0.0	2.4	4.8	7.2	9.6	11.9	14.2	16.6	19.2	23.6	28.1
80°	0.0	3.2	6.4	9.6	12.7	15.9	19.4	25.0	30.8	37.0	43.4
77.5°	0.0	4.0	8.0	11.9	15.9	20.8	27.6	34.7	42.3	50.2	59.0
75°	0.0	4.8	9.5	14.2	19.4	27.6	35.7	44.4	53.9	65.0	75.9
72.5°	0.0	5.5	11.1	16.6	24.8	34.3	43.7	54.5	67.4	80.2	92.7
70°	0.0	6.3	12.6	19.2	30.1	40.9	51.9	66.2	80.8	95.2	110.8
67.5°	0.0	7.0	14.1	23.1	35.3	47.4	61.9	77.7	93.9	111.6	129.0
65°	0.0	7.8	15.5	26.9	40.4	54.7	71.7	89.0	108.3	127.7	147.3
62.5°	0.0	8.5	17.0	30.7	45.4	62.8	81.4	101.0	122.4	143.7	166.1
60°	0.0	9.2	18.4	34.4	50.4	70.6	90.8	113.1	136.2	159.9	184.3
57.5°	0.0	9.9	20.8	38.0	56.4	78.3	100.8	124.9	149.9	175.6	202.4
55°	0.0	10.6	23.1	41.5	62.4	85.8	110.5	136.4	163.1	190.9	220.2
52.5°	0.0	11.2	25.4	44.9	68.2	93.1	119.8	147.5	175.9	206.4	237.4
50°	0.0	11.8	27.6	48.2	73.9	100.6	128.8	158.3	188.4	221.4	253.3
47.5°	0.0	12.4	29.7	51.6	79.3	107.7	137.4	168.6	201.2	235.9	268.4
45°	0.0	13.0	31.7	55.5	84.5	114.4	145.9	178.6	213.7	248.6	282.7
42.5°	0.0	13.6	33.7	59.2	89.5	120.8	154.1	188.5	225.4	260.6	295.8
40°	0.0	14.1	35.5	62.8	94.3	126.9	161.9	198.2	236.2	271.9	308.2
37.5°	0.0	14.6	37.3	66.0	98.9	132.6	169.2	207.3	245.8	282.7	319.9
35°	0.0	15.1	38.9	69.1	103.2	138.2	176.2	215.7	254.8	292.9	330.9
32.5°	0.0	15.5	40.5	71.9	107.2	143.6	182.7	223.5	263.2	302.5	341.6
30°	0.0	15.9	42.0	74.5	110.9	148.7	189.0	230.6	271.0	311.4	351.5
27.5°	0.0	16.3	43.3	76.9	114.3	153.3	194.6	236.8	278.2	319.6	360.7
25°	0.0	16.7	44.6	79.0	117.4	157.6	199.8	242.5	284.8	327.0	369.1
22.5°	0.0	17.0	45.7	80.9	120.3	161.4	204.4	247.7	290.7	333.7	377.5
20°	0.0	17.3	46.7	82.6	122.9	164.7	208.4	252.2	296.0	339.7	384.9
17.5°	0.0	17.5	47.6	84.0	125.2	167.6	212.0	256.2	300.5	344.8	391.4
15°	0.0	17.8	48.4	85.1	127.3	170.0	215.4	259.8	304.4	349.2	397.0
12.5°	0.0	18.0	49.1	86.1	129.1	171.9	218.3	263.2	308.0	352.8	401.5
10°	0.0	18.1	49.6	86.8	130.6	173.3	220.7	266.1	311.3	357.1	405.7
7.5°	0.0	18.2	50.0	87.2	131.8	174.3	222.6	268.3	313.8	360.9	410.4
5°	0.0	18.3	50.4	87.5	132.6	174.8	224.0	269.8	315.6	363.9	414.0
2.5°	0.0	18.4	50.5	87.5	133.1	174.9	224.9	270.8	316.7	366.2	416.6
0°	0.0	18.4	50.6	87.3	133.3	174.6	225.2	271.1	317.1	367.6	418.2
-2.5°	0.0	18.4	50.5	87.5	133.1	174.9	224.9	270.8	316.7	366.2	416.6
-5°	0.0	18.3	50.4	87.5	132.6	174.8	224.0	269.8	315.6	363.9	414.0
-7.5°	0.0	18.2	50.0	87.2	131.8	174.3	222.6	268.3	313.8	360.9	410.4
-10°	0.0	18.1	49.6	86.8	130.6	173.3	220.7	266.1	311.3	357.1	405.7
-12.5°	0.0	18.0	49.1	86.1	129.1	171.9	218.3	263.2	308.0	352.8	401.5
-15°	0.0	17.8	48.4	85.1	127.3	170.0	215.4	259.8	304.4	349.2	397.0
-17.5°	0.0	17.5	47.6	84.0	125.2	167.6	212.0	256.2	300.5	344.8	391.4
-20°	0.0	17.3	46.7	82.6	122.9	164.7	208.4	252.2	296.0	339.7	384.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627235 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-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	17.0	45.7	80.9	120.3	161.4	204.4	247.7	290.7	333.7	377.5
-25°	0.0	16.7	44.6	79.0	117.4	157.6	199.8	242.5	284.8	327.0	369.1
-27.5°	0.0	16.3	43.3	76.9	114.3	153.3	194.6	236.8	278.2	319.6	360.7
-30°	0.0	15.9	42.0	74.5	110.9	148.7	189.0	230.6	271.0	311.4	351.5
-32.5°	0.0	15.5	40.5	71.9	107.2	143.6	182.7	223.5	263.2	302.5	341.6
-35°	0.0	15.1	38.9	69.1	103.2	138.2	176.2	215.7	254.8	292.9	330.9
-37.5°	0.0	14.6	37.3	66.0	98.9	132.6	169.2	207.3	245.8	282.7	319.9
-40°	0.0	14.1	35.5	62.8	94.3	126.9	161.9	198.2	236.2	271.9	308.2
-42.5°	0.0	13.6	33.7	59.2	89.5	120.8	154.1	188.5	225.4	260.6	295.8
-45°	0.0	13.0	31.7	55.5	84.5	114.4	145.9	178.6	213.7	248.6	282.7
-47.5°	0.0	12.4	29.7	51.6	79.3	107.7	137.4	168.6	201.2	235.9	268.4
-50°	0.0	11.8	27.6	48.2	73.9	100.6	128.8	158.3	188.4	221.4	253.3
-52.5°	0.0	11.2	25.4	44.9	68.2	93.1	119.8	147.5	175.9	206.4	237.4
-55°	0.0	10.6	23.1	41.5	62.4	85.8	110.5	136.4	163.1	190.9	220.2
-57.5°	0.0	9.9	20.8	38.0	56.4	78.3	100.8	124.9	149.9	175.6	202.4
-60°	0.0	9.2	18.4	34.4	50.4	70.6	90.8	113.1	136.2	159.9	184.3
-62.5°	0.0	8.5	17.0	30.7	45.4	62.8	81.4	101.0	122.4	143.7	166.1
-65°	0.0	7.8	15.5	26.9	40.4	54.7	71.7	89.0	108.3	127.7	147.3
-67.5°	0.0	7.0	14.1	23.1	35.3	47.4	61.9	77.7	93.9	111.6	129.0
-70°	0.0	6.3	12.6	19.2	30.1	40.9	51.9	66.2	80.8	95.2	110.8
-72.5°	0.0	5.5	11.1	16.6	24.8	34.3	43.7	54.5	67.4	80.2	92.7
-75°	0.0	4.8	9.5	14.2	19.4	27.6	35.7	44.4	53.9	65.0	75.9
-77.5°	0.0	4.0	8.0	11.9	15.9	20.8	27.6	34.7	42.3	50.2	59.0
-80°	0.0	3.2	6.4	9.6	12.7	15.9	19.4	25.0	30.8	37.0	43.4
-82.5°	0.0	2.4	4.8	7.2	9.6	11.9	14.2	16.6	19.2	23.6	28.1
-85°	0.0	1.6	3.2	4.8	6.4	8.0	9.5	11.1	12.6	14.1	15.5
-87.5°	0.0	0.8	1.6	2.4	3.2	4.0	4.8	5.5	6.3	7.0	7.8
-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: P627235 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-750-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°	8.5	9.2	9.9	10.6	11.2	11.8	12.4	13.0	13.6	14.1	14.6
85°	17.0	18.4	21.1	23.8	26.3	28.8	31.3	33.6	35.8	37.9	39.9
82.5°	32.4	36.6	40.7	44.7	48.6	52.4	56.0	59.5	62.8	66.0	69.0
80°	49.2	54.8	60.5	65.7	70.8	75.8	80.7	85.3	89.8	94.6	99.6
77.5°	67.0	74.2	80.8	86.7	93.2	101.0	108.6	115.9	122.9	129.5	135.8
75°	85.4	93.6	102.5	111.4	120.7	130.1	139.2	148.0	156.6	165.3	174.1
72.5°	104.7	115.8	126.7	137.2	148.8	160.3	170.7	180.3	191.1	203.0	213.9
70°	125.2	138.1	151.7	165.2	178.4	191.1	204.1	217.1	230.3	243.2	255.4
67.5°	145.8	161.9	177.7	193.0	208.0	223.2	238.6	254.4	269.6	284.1	298.2
65°	167.7	185.7	203.3	220.5	237.2	255.8	274.0	291.6	310.9	328.8	344.3
62.5°	189.0	209.2	228.7	248.1	268.4	288.9	310.1	332.2	355.2	371.7	385.9
60°	209.5	232.3	254.0	276.3	298.9	322.1	346.5	370.0	390.9	409.0	424.0
57.5°	229.6	255.1	279.1	303.3	328.0	354.4	381.2	405.2	424.8	442.2	458.6
55°	249.0	277.2	302.8	328.6	356.6	387.6	415.0	436.8	456.7	471.1	486.8
52.5°	267.4	297.6	324.5	353.3	385.4	417.5	444.8	465.9	482.6	497.5	512.9
50°	285.0	315.5	345.2	378.0	411.9	444.2	471.8	491.2	508.0	523.5	538.3
47.5°	301.0	332.7	366.3	401.3	436.8	468.6	495.0	514.9	532.3	548.3	564.5
45°	316.1	350.1	385.8	424.2	460.6	492.1	516.2	537.5	554.2	572.2	592.5
42.5°	330.6	366.9	405.7	446.6	483.7	512.5	535.8	556.2	575.6	597.2	619.8
40°	344.7	382.5	424.5	467.5	505.3	530.3	553.6	575.2	597.6	622.0	646.8
37.5°	357.9	398.6	442.1	487.0	521.2	547.2	571.2	595.4	620.5	646.8	677.5
35°	370.1	413.3	459.0	502.3	535.2	563.5	589.4	615.5	643.6	675.7	709.6
32.5°	381.9	426.7	474.7	515.3	548.0	578.2	606.7	636.4	668.5	703.8	742.6
30°	393.5	439.9	488.4	528.6	559.4	590.3	623.8	656.8	692.4	731.8	777.3
27.5°	404.8	452.0	499.9	539.0	569.4	600.8	636.8	676.8	715.8	758.9	811.6
25°	415.1	464.5	511.2	547.2	578.0	610.9	648.5	691.0	737.0	788.2	852.7
22.5°	424.9	475.8	521.9	554.3	585.1	619.8	660.1	705.1	755.1	814.4	893.3
20°	434.1	484.6	529.1	560.7	591.0	626.8	670.2	717.6	774.6	846.5	940.8
17.5°	442.0	492.1	534.0	566.0	597.3	634.1	678.8	728.2	792.2	874.8	986.5
15°	448.9	498.2	538.3	570.0	602.6	641.5	687.6	741.4	811.5	902.6	1026.0
12.5°	454.5	503.0	541.9	573.0	606.7	647.1	695.1	754.2	830.8	932.9	1079.1
10°	458.9	506.4	544.7	574.8	609.6	650.8	701.0	764.1	846.4	958.2	1124.7
7.5°	463.2	509.5	546.7	575.5	611.3	652.6	705.1	771.1	857.9	977.2	1161.0
5°	466.3	512.4	547.9	577.2	612.3	653.4	707.9	775.2	865.1	989.8	1186.6
2.5°	468.1	514.1	547.9	578.5	612.4	653.8	711.1	777.5	873.0	1000.3	1201.2
0°	468.7	514.7	546.9	579.0	611.2	652.6	712.3	776.7	877.8	1006.4	1204.0
-2.5°	468.1	514.1	547.9	578.5	612.4	653.8	711.1	777.5	873.0	1000.3	1201.2
-5°	466.3	512.4	547.9	577.2	612.3	653.4	707.9	775.2	865.1	989.8	1186.6
-7.5°	463.2	509.5	546.7	575.5	611.3	652.6	705.1	771.1	857.9	977.2	1161.0
-10°	458.9	506.4	544.7	574.8	609.6	650.8	701.0	764.1	846.4	958.2	1124.7
-12.5°	454.5	503.0	541.9	573.0	606.7	647.1	695.1	754.2	830.8	932.9	1079.1
-15°	448.9	498.2	538.3	570.0	602.6	641.5	687.6	741.4	811.5	902.6	1026.0
-17.5°	442.0	492.1	534.0	566.0	597.3	634.1	678.8	728.2	792.2	874.8	986.5
-20°	434.1	484.6	529.1	560.7	591.0	626.8	670.2	717.6	774.6	846.5	940.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627235 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-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°	424.9	475.8	521.9	554.3	585.1	619.8	660.1	705.1	755.1	814.4	893.3
-25°	415.1	464.5	511.2	547.2	578.0	610.9	648.5	691.0	737.0	788.2	852.7
-27.5°	404.8	452.0	499.9	539.0	569.4	600.8	636.8	676.8	715.8	758.9	811.6
-30°	393.5	439.9	488.4	528.6	559.4	590.3	623.8	656.8	692.4	731.8	777.3
-32.5°	381.9	426.7	474.7	515.3	548.0	578.2	606.7	636.4	668.5	703.8	742.6
-35°	370.1	413.3	459.0	502.3	535.2	563.5	589.4	615.5	643.6	675.7	709.6
-37.5°	357.9	398.6	442.1	487.0	521.2	547.2	571.2	595.4	620.5	646.8	677.5
-40°	344.7	382.5	424.5	467.5	505.3	530.3	553.6	575.2	597.6	622.0	646.8
-42.5°	330.6	366.9	405.7	446.6	483.7	512.5	535.8	556.2	575.6	597.2	619.8
-45°	316.1	350.1	385.8	424.2	460.6	492.1	516.2	537.5	554.2	572.2	592.5
-47.5°	301.0	332.7	366.3	401.3	436.8	468.6	495.0	514.9	532.3	548.3	564.5
-50°	285.0	315.5	345.2	378.0	411.9	444.2	471.8	491.2	508.0	523.5	538.3
-52.5°	267.4	297.6	324.5	353.3	385.4	417.5	444.8	465.9	482.6	497.5	512.9
-55°	249.0	277.2	302.8	328.6	356.6	387.6	415.0	436.8	456.7	471.1	486.8
-57.5°	229.6	255.1	279.1	303.3	328.0	354.4	381.2	405.2	424.8	442.2	458.6
-60°	209.5	232.3	254.0	276.3	298.9	322.1	346.5	370.0	390.9	409.0	424.0
-62.5°	189.0	209.2	228.7	248.1	268.4	288.9	310.1	332.2	355.2	371.7	385.9
-65°	167.7	185.7	203.3	220.5	237.2	255.8	274.0	291.6	310.9	328.8	344.3
-67.5°	145.8	161.9	177.7	193.0	208.0	223.2	238.6	254.4	269.6	284.1	298.2
-70°	125.2	138.1	151.7	165.2	178.4	191.1	204.1	217.1	230.3	243.2	255.4
-72.5°	104.7	115.8	126.7	137.2	148.8	160.3	170.7	180.3	191.1	203.0	213.9
-75°	85.4	93.6	102.5	111.4	120.7	130.1	139.2	148.0	156.6	165.3	174.1
-77.5°	67.0	74.2	80.8	86.7	93.2	101.0	108.6	115.9	122.9	129.5	135.8
-80°	49.2	54.8	60.5	65.7	70.8	75.8	80.7	85.3	89.8	94.6	99.6
-82.5°	32.4	36.6	40.7	44.7	48.6	52.4	56.0	59.5	62.8	66.0	69.0
-85°	17.0	18.4	21.1	23.8	26.3	28.8	31.3	33.6	35.8	37.9	39.9
-87.5°	8.5	9.2	9.9	10.6	11.2	11.8	12.4	13.0	13.6	14.1	14.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627235 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-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°	15.1	15.5	15.9	16.3	16.7	17.0	17.3	17.5	17.8	18.0	18.1
85°	41.8	43.6	45.2	46.8	48.2	48.6	48.7	48.7	48.4	49.1	49.6
82.5°	71.8	75.1	78.4	81.6	84.7	85.9	86.8	87.3	87.7	88.9	90.0
80°	104.4	109.5	114.2	118.4	122.2	124.9	127.3	129.5	131.6	132.5	133.0
77.5°	142.2	148.4	154.1	159.5	164.4	168.3	171.5	174.0	176.0	177.3	178.1
75°	182.8	190.6	197.6	204.0	210.0	214.1	217.0	219.2	220.6	222.2	223.4
72.5°	223.8	232.8	241.0	248.8	255.6	260.4	263.8	266.5	268.5	270.0	270.8
70°	267.0	277.6	286.7	294.5	300.7	305.3	308.9	311.9	314.1	315.6	316.5
67.5°	311.7	323.1	331.6	338.4	344.0	348.8	353.3	356.6	358.8	361.0	363.4
65°	357.3	368.8	377.5	384.8	390.6	396.9	402.7	407.0	409.8	412.4	415.1
62.5°	400.0	413.2	423.3	432.8	442.3	451.4	456.6	460.7	463.5	466.1	469.1
60°	439.0	453.8	466.2	477.7	489.4	501.1	506.0	509.7	513.3	516.7	519.7
57.5°	473.5	489.3	504.3	515.7	526.9	537.9	545.4	549.6	552.4	554.0	555.2
55°	503.5	519.3	534.4	547.4	559.6	570.8	579.3	583.3	586.4	588.3	589.5
52.5°	530.5	547.3	563.4	577.9	591.0	603.2	613.7	619.4	623.9	627.1	628.1
50°	556.9	575.2	592.6	608.1	623.3	637.9	651.4	659.1	664.5	667.9	669.0
47.5°	584.5	604.3	623.2	641.2	658.5	675.8	691.7	702.2	710.1	715.9	720.0
45°	613.3	634.6	655.4	676.7	696.6	718.8	739.0	754.4	765.8	775.7	783.6
42.5°	642.2	666.2	690.1	717.4	744.7	770.0	793.9	814.4	833.0	851.3	865.6
40°	673.7	699.9	732.6	765.1	798.6	828.1	863.0	894.3	923.0	954.0	979.6
37.5°	708.1	741.8	780.6	819.4	863.0	905.3	954.1	1002.2	1044.0	1098.3	1141.9
35°	745.6	788.3	834.0	886.1	942.4	1008.8	1077.1	1157.2	1225.2	1311.5	1391.2
32.5°	787.3	837.5	896.8	968.5	1044.5	1151.1	1251.2	1387.0	1503.1	1652.8	1816.4
30°	829.7	894.6	975.3	1067.9	1196.4	1347.8	1524.3	1753.8	2002.2	2259.1	2605.0
27.5°	880.0	964.3	1065.1	1208.0	1400.2	1609.7	1969.3	2357.5	2898.4	3326.5	4089.2
25°	934.2	1038.5	1187.4	1394.5	1660.1	2084.1	2691.1	3393.8	4476.1	5438.8	6545.1
22.5°	998.4	1140.1	1337.2	1608.4	2071.4	2800.9	3748.3	5191.5	6795.9	8379.4	9826.7
20°	1066.4	1237.5	1513.2	1954.8	2670.4	3725.4	5415.6	7477.8	9607.7	11777.9	13606.6
17.5°	1145.7	1378.1	1741.2	2327.8	3348.7	5154.9	7412.5	10034.8	12817.4	15586.6	17991.9
15°	1213.9	1501.0	1990.0	2868.5	4391.0	6650.2	9424.9	12736.8	16236.1	19829.8	23724.7
12.5°	1300.9	1649.2	2246.3	3315.6	5315.7	8252.2	11647.3	15492.5	19765.5	24537.1	30609.3
10°	1380.7	1804.6	2583.5	4031.9	6427.3	9748.7	13566.9	17929.5	23471.9	30642.4	37966.9
7.5°	1444.6	1927.8	2845.0	4590.9	7359.6	11027.0	15295.4	20525.8	27440.6	35979.0	44347.7
5°	1489.1	2013.2	3032.0	5013.2	8109.5	12004.0	16522.1	22439.8	30785.7	40347.2	48892.2
2.5°	1517.1	2059.9	3123.6	5264.0	8598.6	12592.0	17287.4	23656.3	32835.9	43127.9	51779.4
0°	1530.3	2068.0	3065.2	5386.0	8667.2	12550.5	17357.4	24062.4	33322.4	43883.0	52499.7
-2.5°	1517.1	2059.9	3123.6	5264.0	8598.6	12592.0	17287.4	23656.3	32835.9	43127.9	51779.4
-5°	1489.1	2013.2	3032.0	5013.2	8109.5	12004.0	16522.1	22439.8	30785.7	40347.2	48892.2
-7.5°	1444.6	1927.8	2845.0	4590.9	7359.6	11027.0	15295.4	20525.8	27440.6	35979.0	44347.7
-10°	1380.7	1804.6	2583.5	4031.9	6427.3	9748.7	13566.9	17929.5	23471.9	30642.4	37966.9
-12.5°	1300.9	1649.2	2246.3	3315.6	5315.7	8252.2	11647.3	15492.5	19765.5	24537.1	30609.3
-15°	1213.9	1501.0	1990.0	2868.5	4391.0	6650.2	9424.9	12736.8	16236.1	19829.8	23724.7
-17.5°	1145.7	1378.1	1741.2	2327.8	3348.7	5154.9	7412.5	10034.8	12817.4	15586.6	17991.9
-20°	1066.4	1237.5	1513.2	1954.8	2670.4	3725.4	5415.6	7477.8	9607.7	11777.9	13606.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627235 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	998.4	1140.1	1337.2	1608.4	2071.4	2800.9	3748.3	5191.5	6795.9	8379.4	9826.7
-25°	934.2	1038.5	1187.4	1394.5	1660.1	2084.1	2691.1	3393.8	4476.1	5438.8	6545.1
-27.5°	880.0	964.3	1065.1	1208.0	1400.2	1609.7	1969.3	2357.5	2898.4	3326.5	4089.2
-30°	829.7	894.6	975.3	1067.9	1196.4	1347.8	1524.3	1753.8	2002.2	2259.1	2605.0
-32.5°	787.3	837.5	896.8	968.5	1044.5	1151.1	1251.2	1387.0	1503.1	1652.8	1816.4
-35°	745.6	788.3	834.0	886.1	942.4	1008.8	1077.1	1157.2	1225.2	1311.5	1391.2
-37.5°	708.1	741.8	780.6	819.4	863.0	905.3	954.1	1002.2	1044.0	1098.3	1141.9
-40°	673.7	699.9	732.6	765.1	798.6	828.1	863.0	894.3	923.0	954.0	979.6
-42.5°	642.2	666.2	690.1	717.4	744.7	770.0	793.9	814.4	833.0	851.3	865.6
-45°	613.3	634.6	655.4	676.7	696.6	718.8	739.0	754.4	765.8	775.7	783.6
-47.5°	584.5	604.3	623.2	641.2	658.5	675.8	691.7	702.2	710.1	715.9	720.0
-50°	556.9	575.2	592.6	608.1	623.3	637.9	651.4	659.1	664.5	667.9	669.0
-52.5°	530.5	547.3	563.4	577.9	591.0	603.2	613.7	619.4	623.9	627.1	628.1
-55°	503.5	519.3	534.4	547.4	559.6	570.8	579.3	583.3	586.4	588.3	589.5
-57.5°	473.5	489.3	504.3	515.7	526.9	537.9	545.4	549.6	552.4	554.0	555.2
-60°	439.0	453.8	466.2	477.7	489.4	501.1	506.0	509.7	513.3	516.7	519.7
-62.5°	400.0	413.2	423.3	432.8	442.3	451.4	456.6	460.7	463.5	466.1	469.1
-65°	357.3	368.8	377.5	384.8	390.6	396.9	402.7	407.0	409.8	412.4	415.1
-67.5°	311.7	323.1	331.6	338.4	344.0	348.8	353.3	356.6	358.8	361.0	363.4
-70°	267.0	277.6	286.7	294.5	300.7	305.3	308.9	311.9	314.1	315.6	316.5
-72.5°	223.8	232.8	241.0	248.8	255.6	260.4	263.8	266.5	268.5	270.0	270.8
-75°	182.8	190.6	197.6	204.0	210.0	214.1	217.0	219.2	220.6	222.2	223.4
-77.5°	142.2	148.4	154.1	159.5	164.4	168.3	171.5	174.0	176.0	177.3	178.1
-80°	104.4	109.5	114.2	118.4	122.2	124.9	127.3	129.5	131.6	132.5	133.0
-82.5°	71.8	75.1	78.4	81.6	84.7	85.9	86.8	87.3	87.7	88.9	90.0
-85°	41.8	43.6	45.2	46.8	48.2	48.6	48.7	48.7	48.4	49.1	49.6
-87.5°	15.1	15.5	15.9	16.3	16.7	17.0	17.3	17.5	17.8	18.0	18.1
-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: P627235 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-750-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°	18.2	18.3	18.4	18.4	18.4	18.3	18.2	18.1	18.0	17.8	17.5
85°	50.0	50.4	50.5	50.6	50.5	50.4	50.0	49.6	49.1	48.4	48.7
82.5°	90.8	91.4	91.8	91.9	91.8	91.4	90.8	90.0	88.9	87.7	87.3
80°	133.0	132.7	133.1	133.3	133.1	132.7	133.0	133.0	132.5	131.6	129.5
77.5°	178.4	178.4	179.0	179.2	179.0	178.4	178.4	178.1	177.3	176.0	174.0
75°	224.1	224.2	224.9	225.2	224.9	224.2	224.1	223.4	222.2	220.6	219.2
72.5°	270.8	270.1	270.8	271.1	270.8	270.1	270.8	270.8	270.0	268.5	266.5
70°	316.6	315.9	318.9	321.7	318.9	315.9	316.6	316.5	315.6	314.1	311.9
67.5°	365.0	366.0	369.3	372.2	369.3	366.0	365.0	363.4	361.0	358.8	356.6
65°	416.4	416.6	419.7	422.8	419.7	416.6	416.4	415.1	412.4	409.8	407.0
62.5°	470.8	471.4	474.7	477.9	474.7	471.4	470.8	469.1	466.1	463.5	460.7
60°	521.5	522.1	523.3	523.9	523.3	522.1	521.5	519.7	516.7	513.3	509.7
57.5°	555.6	555.2	555.7	556.1	555.7	555.2	555.6	555.2	554.0	552.4	549.6
55°	589.2	587.7	585.9	583.6	585.9	587.7	589.2	589.5	588.3	586.4	583.3
52.5°	627.3	624.9	622.7	620.4	622.7	624.9	627.3	628.1	627.1	623.9	619.4
50°	668.3	666.1	664.0	661.8	664.0	666.1	668.3	669.0	667.9	664.5	659.1
47.5°	722.9	723.8	723.4	721.5	723.4	723.8	722.9	720.0	715.9	710.1	702.2
45°	789.2	791.8	792.1	790.4	792.1	791.8	789.2	783.6	775.7	765.8	754.4
42.5°	875.7	881.5	884.7	886.9	884.7	881.5	875.7	865.6	851.3	833.0	814.4
40°	998.3	1010.2	1017.7	1024.8	1017.7	1010.2	998.3	979.6	954.0	923.0	894.3
37.5°	1174.2	1195.7	1205.3	1199.4	1205.3	1195.7	1174.2	1141.9	1098.3	1044.0	1002.2
35°	1452.5	1493.5	1514.8	1516.5	1514.8	1493.5	1452.5	1391.2	1311.5	1225.2	1157.2
32.5°	1937.4	2021.2	2066.3	2072.6	2066.3	2021.2	1937.4	1816.4	1652.8	1503.1	1387.0
30°	2869.7	3040.7	3121.0	3102.0	3121.0	3040.7	2869.7	2605.0	2259.1	2002.2	1753.8
27.5°	4682.0	5108.5	5361.3	5381.4	5361.3	5108.5	4682.0	4089.2	3326.5	2898.4	2357.5
25°	7525.0	8253.1	8719.4	8727.0	8719.4	8253.1	7525.0	6545.1	5438.8	4476.1	3393.8
22.5°	11165.0	12159.0	12703.6	12798.6	12703.6	12159.0	11165.0	9826.7	8379.4	6795.9	5191.5
20°	15382.1	16704.3	17411.8	17412.6	17411.8	16704.3	15382.1	13606.6	11777.9	9607.7	7477.8
17.5°	20575.6	22722.6	24070.4	24650.6	24070.4	22722.6	20575.6	17991.9	15586.6	12817.4	10034.8
15°	27475.2	31083.3	33245.3	33634.9	33245.3	31083.3	27475.2	23724.7	19829.8	16236.1	12736.8
12.5°	35876.3	40442.4	43511.8	44636.7	43511.8	40442.4	35876.3	30609.3	24537.1	19765.5	15492.5
10°	44647.8	48878.5	52166.8	53271.8	52166.8	48878.5	44647.8	37966.9	30642.4	23471.9	17929.5
7.5°	50984.5	56029.5	59733.4	61360.0	59733.4	56029.5	50984.5	44347.7	35979.0	27440.6	20525.8
5°	55986.7	61956.2	65404.1	66934.4	65404.1	61956.2	55986.7	48892.2	40347.2	30785.7	22439.8
2.5°	59268.7	65167.1	68818.4	70229.4	68818.4	65167.1	59268.7	51779.4	43127.9	32835.9	23656.3
0°	60496.0	66263.4	69870.9	71594.3	69870.9	66263.4	60496.0	52499.7	43883.0	33322.4	24062.4
-2.5°	59268.7	65167.1	68818.4	70229.4	68818.4	65167.1	59268.7	51779.4	43127.9	32835.9	23656.3
-5°	55986.7	61956.2	65404.1	66934.4	65404.1	61956.2	55986.7	48892.2	40347.2	30785.7	22439.8
-7.5°	50984.5	56029.5	59733.4	61360.0	59733.4	56029.5	50984.5	44347.7	35979.0	27440.6	20525.8
-10°	44647.8	48878.5	52166.8	53271.8	52166.8	48878.5	44647.8	37966.9	30642.4	23471.9	17929.5
-12.5°	35876.3	40442.4	43511.8	44636.7	43511.8	40442.4	35876.3	30609.3	24537.1	19765.5	15492.5
-15°	27475.2	31083.3	33245.3	33634.9	33245.3	31083.3	27475.2	23724.7	19829.8	16236.1	12736.8
-17.5°	20575.6	22722.6	24070.4	24650.6	24070.4	22722.6	20575.6	17991.9	15586.6	12817.4	10034.8
-20°	15382.1	16704.3	17411.8	17412.6	17411.8	16704.3	15382.1	13606.6	11777.9	9607.7	7477.8



REPORT NUMBER: P627235 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-750-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°	11165.0	12159.0	12703.6	12798.6	12703.6	12159.0	11165.0	9826.7	8379.4	6795.9	5191.5
-25°	7525.0	8253.1	8719.4	8727.0	8719.4	8253.1	7525.0	6545.1	5438.8	4476.1	3393.8
-27.5°	4682.0	5108.5	5361.3	5381.4	5361.3	5108.5	4682.0	4089.2	3326.5	2898.4	2357.5
-30°	2869.7	3040.7	3121.0	3102.0	3121.0	3040.7	2869.7	2605.0	2259.1	2002.2	1753.8
-32.5°	1937.4	2021.2	2066.3	2072.6	2066.3	2021.2	1937.4	1816.4	1652.8	1503.1	1387.0
-35°	1452.5	1493.5	1514.8	1516.5	1514.8	1493.5	1452.5	1391.2	1311.5	1225.2	1157.2
-37.5°	1174.2	1195.7	1205.3	1199.4	1205.3	1195.7	1174.2	1141.9	1098.3	1044.0	1002.2
-40°	998.3	1010.2	1017.7	1024.8	1017.7	1010.2	998.3	979.6	954.0	923.0	894.3
-42.5°	875.7	881.5	884.7	886.9	884.7	881.5	875.7	865.6	851.3	833.0	814.4
-45°	789.2	791.8	792.1	790.4	792.1	791.8	789.2	783.6	775.7	765.8	754.4
-47.5°	722.9	723.8	723.4	721.5	723.4	723.8	722.9	720.0	715.9	710.1	702.2
-50°	668.3	666.1	664.0	661.8	664.0	666.1	668.3	669.0	667.9	664.5	659.1
-52.5°	627.3	624.9	622.7	620.4	622.7	624.9	627.3	628.1	627.1	623.9	619.4
-55°	589.2	587.7	585.9	583.6	585.9	587.7	589.2	589.5	588.3	586.4	583.3
-57.5°	555.6	555.2	555.7	556.1	555.7	555.2	555.6	555.2	554.0	552.4	549.6
-60°	521.5	522.1	523.3	523.9	523.3	522.1	521.5	519.7	516.7	513.3	509.7
-62.5°	470.8	471.4	474.7	477.9	474.7	471.4	470.8	469.1	466.1	463.5	460.7
-65°	416.4	416.6	419.7	422.8	419.7	416.6	416.4	415.1	412.4	409.8	407.0
-67.5°	365.0	366.0	369.3	372.2	369.3	366.0	365.0	363.4	361.0	358.8	356.6
-70°	316.6	315.9	318.9	321.7	318.9	315.9	316.6	316.5	315.6	314.1	311.9
-72.5°	270.8	270.1	270.8	271.1	270.8	270.1	270.8	270.8	270.0	268.5	266.5
-75°	224.1	224.2	224.9	225.2	224.9	224.2	224.1	223.4	222.2	220.6	219.2
-77.5°	178.4	178.4	179.0	179.2	179.0	178.4	178.4	178.1	177.3	176.0	174.0
-80°	133.0	132.7	133.1	133.3	133.1	132.7	133.0	133.0	132.5	131.6	129.5
-82.5°	90.8	91.4	91.8	91.9	91.8	91.4	90.8	90.0	88.9	87.7	87.3
-85°	50.0	50.4	50.5	50.6	50.5	50.4	50.0	49.6	49.1	48.4	48.7
-87.5°	18.2	18.3	18.4	18.4	18.4	18.3	18.2	18.1	18.0	17.8	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



REPORT NUMBER: P627235 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-750-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°	17.3	17.0	16.7	16.3	15.9	15.5	15.1	14.6	14.1	13.6	13.0
85°	48.7	48.6	48.2	46.8	45.2	43.6	41.8	39.9	37.9	35.8	33.6
82.5°	86.8	85.9	84.7	81.6	78.4	75.1	71.8	69.0	66.0	62.8	59.5
80°	127.3	124.9	122.2	118.4	114.2	109.5	104.4	99.6	94.6	89.8	85.3
77.5°	171.5	168.3	164.4	159.5	154.1	148.4	142.2	135.8	129.5	122.9	115.9
75°	217.0	214.1	210.0	204.0	197.6	190.6	182.8	174.1	165.3	156.6	148.0
72.5°	263.8	260.4	255.6	248.8	241.0	232.8	223.8	213.9	203.0	191.1	180.3
70°	308.9	305.3	300.7	294.5	286.7	277.6	267.0	255.4	243.2	230.3	217.1
67.5°	353.3	348.8	344.0	338.4	331.6	323.1	311.7	298.2	284.1	269.6	254.4
65°	402.7	396.9	390.6	384.8	377.5	368.8	357.3	344.3	328.8	310.9	291.6
62.5°	456.6	451.4	442.3	432.8	423.3	413.2	400.0	385.9	371.7	355.2	332.2
60°	506.0	501.1	489.4	477.7	466.2	453.8	439.0	424.0	409.0	390.9	370.0
57.5°	545.4	537.9	526.9	515.7	504.3	489.3	473.5	458.6	442.2	424.8	405.2
55°	579.3	570.8	559.6	547.4	534.4	519.3	503.5	486.8	471.1	456.7	436.8
52.5°	613.7	603.2	591.0	577.9	563.4	547.3	530.5	512.9	497.5	482.6	465.9
50°	651.4	637.9	623.3	608.1	592.6	575.2	556.9	538.3	523.5	508.0	491.2
47.5°	691.7	675.8	658.5	641.2	623.2	604.3	584.5	564.5	548.3	532.3	514.9
45°	739.0	718.8	696.6	676.7	655.4	634.6	613.3	592.5	572.2	554.2	537.5
42.5°	793.9	770.0	744.7	717.4	690.1	666.2	642.2	619.8	597.2	575.6	556.2
40°	863.0	828.1	798.6	765.1	732.6	699.9	673.7	646.8	622.0	597.6	575.2
37.5°	954.1	905.3	863.0	819.4	780.6	741.8	708.1	677.5	646.8	620.5	595.4
35°	1077.1	1008.8	942.4	886.1	834.0	788.3	745.6	709.6	675.7	643.6	615.5
32.5°	1251.2	1151.1	1044.5	968.5	896.8	837.5	787.3	742.6	703.8	668.5	636.4
30°	1524.3	1347.8	1196.4	1067.9	975.3	894.6	829.7	777.3	731.8	692.4	656.8
27.5°	1969.3	1609.7	1400.2	1208.0	1065.1	964.3	880.0	811.6	758.9	715.8	676.8
25°	2691.1	2084.1	1660.1	1394.5	1187.4	1038.5	934.2	852.7	788.2	737.0	691.0
22.5°	3748.3	2800.9	2071.4	1608.4	1337.2	1140.1	998.4	893.3	814.4	755.1	705.1
20°	5415.6	3725.4	2670.4	1954.8	1513.2	1237.5	1066.4	940.8	846.5	774.6	717.6
17.5°	7412.5	5154.9	3348.7	2327.8	1741.2	1378.1	1145.7	986.5	874.8	792.2	728.2
15°	9424.9	6650.2	4391.0	2868.5	1990.0	1501.0	1213.9	1026.0	902.6	811.5	741.4
12.5°	11647.3	8252.2	5315.7	3315.6	2246.3	1649.2	1300.9	1079.1	932.9	830.8	754.2
10°	13566.9	9748.7	6427.3	4031.9	2583.5	1804.6	1380.7	1124.7	958.2	846.4	764.1
7.5°	15295.4	11027.0	7359.6	4590.9	2845.0	1927.8	1444.6	1161.0	977.2	857.9	771.1
5°	16522.1	12004.0	8109.5	5013.2	3032.0	2013.2	1489.1	1186.6	989.8	865.1	775.2
2.5°	17287.4	12592.0	8598.6	5264.0	3123.6	2059.9	1517.1	1201.2	1000.3	873.0	777.5
0°	17357.4	12550.5	8667.2	5386.0	3065.2	2068.0	1530.3	1204.0	1006.4	877.8	776.7
-2.5°	17287.4	12592.0	8598.6	5264.0	3123.6	2059.9	1517.1	1201.2	1000.3	873.0	777.5
-5°	16522.1	12004.0	8109.5	5013.2	3032.0	2013.2	1489.1	1186.6	989.8	865.1	775.2
-7.5°	15295.4	11027.0	7359.6	4590.9	2845.0	1927.8	1444.6	1161.0	977.2	857.9	771.1
-10°	13566.9	9748.7	6427.3	4031.9	2583.5	1804.6	1380.7	1124.7	958.2	846.4	764.1
-12.5°	11647.3	8252.2	5315.7	3315.6	2246.3	1649.2	1300.9	1079.1	932.9	830.8	754.2
-15°	9424.9	6650.2	4391.0	2868.5	1990.0	1501.0	1213.9	1026.0	902.6	811.5	741.4
-17.5°	7412.5	5154.9	3348.7	2327.8	1741.2	1378.1	1145.7	986.5	874.8	792.2	728.2
-20°	5415.6	3725.4	2670.4	1954.8	1513.2	1237.5	1066.4	940.8	846.5	774.6	717.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627235 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3748.3	2800.9	2071.4	1608.4	1337.2	1140.1	998.4	893.3	814.4	755.1	705.1
-25°	2691.1	2084.1	1660.1	1394.5	1187.4	1038.5	934.2	852.7	788.2	737.0	691.0
-27.5°	1969.3	1609.7	1400.2	1208.0	1065.1	964.3	880.0	811.6	758.9	715.8	676.8
-30°	1524.3	1347.8	1196.4	1067.9	975.3	894.6	829.7	777.3	731.8	692.4	656.8
-32.5°	1251.2	1151.1	1044.5	968.5	896.8	837.5	787.3	742.6	703.8	668.5	636.4
-35°	1077.1	1008.8	942.4	886.1	834.0	788.3	745.6	709.6	675.7	643.6	615.5
-37.5°	954.1	905.3	863.0	819.4	780.6	741.8	708.1	677.5	646.8	620.5	595.4
-40°	863.0	828.1	798.6	765.1	732.6	699.9	673.7	646.8	622.0	597.6	575.2
-42.5°	793.9	770.0	744.7	717.4	690.1	666.2	642.2	619.8	597.2	575.6	556.2
-45°	739.0	718.8	696.6	676.7	655.4	634.6	613.3	592.5	572.2	554.2	537.5
-47.5°	691.7	675.8	658.5	641.2	623.2	604.3	584.5	564.5	548.3	532.3	514.9
-50°	651.4	637.9	623.3	608.1	592.6	575.2	556.9	538.3	523.5	508.0	491.2
-52.5°	613.7	603.2	591.0	577.9	563.4	547.3	530.5	512.9	497.5	482.6	465.9
-55°	579.3	570.8	559.6	547.4	534.4	519.3	503.5	486.8	471.1	456.7	436.8
-57.5°	545.4	537.9	526.9	515.7	504.3	489.3	473.5	458.6	442.2	424.8	405.2
-60°	506.0	501.1	489.4	477.7	466.2	453.8	439.0	424.0	409.0	390.9	370.0
-62.5°	456.6	451.4	442.3	432.8	423.3	413.2	400.0	385.9	371.7	355.2	332.2
-65°	402.7	396.9	390.6	384.8	377.5	368.8	357.3	344.3	328.8	310.9	291.6
-67.5°	353.3	348.8	344.0	338.4	331.6	323.1	311.7	298.2	284.1	269.6	254.4
-70°	308.9	305.3	300.7	294.5	286.7	277.6	267.0	255.4	243.2	230.3	217.1
-72.5°	263.8	260.4	255.6	248.8	241.0	232.8	223.8	213.9	203.0	191.1	180.3
-75°	217.0	214.1	210.0	204.0	197.6	190.6	182.8	174.1	165.3	156.6	148.0
-77.5°	171.5	168.3	164.4	159.5	154.1	148.4	142.2	135.8	129.5	122.9	115.9
-80°	127.3	124.9	122.2	118.4	114.2	109.5	104.4	99.6	94.6	89.8	85.3
-82.5°	86.8	85.9	84.7	81.6	78.4	75.1	71.8	69.0	66.0	62.8	59.5
-85°	48.7	48.6	48.2	46.8	45.2	43.6	41.8	39.9	37.9	35.8	33.6
-87.5°	17.3	17.0	16.7	16.3	15.9	15.5	15.1	14.6	14.1	13.6	13.0
-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: P627235 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-750-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°	12.4	11.8	11.2	10.6	9.9	9.2	8.5	7.8	7.0	6.3	5.5
85°	31.3	28.8	26.3	23.8	21.1	18.4	17.0	15.5	14.1	12.6	11.1
82.5°	56.0	52.4	48.6	44.7	40.7	36.6	32.4	28.1	23.6	19.2	16.6
80°	80.7	75.8	70.8	65.7	60.5	54.8	49.2	43.4	37.0	30.8	25.0
77.5°	108.6	101.0	93.2	86.7	80.8	74.2	67.0	59.0	50.2	42.3	34.7
75°	139.2	130.1	120.7	111.4	102.5	93.6	85.4	75.9	65.0	53.9	44.4
72.5°	170.7	160.3	148.8	137.2	126.7	115.8	104.7	92.7	80.2	67.4	54.5
70°	204.1	191.1	178.4	165.2	151.7	138.1	125.2	110.8	95.2	80.8	66.2
67.5°	238.6	223.2	208.0	193.0	177.7	161.9	145.8	129.0	111.6	93.9	77.7
65°	274.0	255.8	237.2	220.5	203.3	185.7	167.7	147.3	127.7	108.3	89.0
62.5°	310.1	288.9	268.4	248.1	228.7	209.2	189.0	166.1	143.7	122.4	101.0
60°	346.5	322.1	298.9	276.3	254.0	232.3	209.5	184.3	159.9	136.2	113.1
57.5°	381.2	354.4	328.0	303.3	279.1	255.1	229.6	202.4	175.6	149.9	124.9
55°	415.0	387.6	356.6	328.6	302.8	277.2	249.0	220.2	190.9	163.1	136.4
52.5°	444.8	417.5	385.4	353.3	324.5	297.6	267.4	237.4	206.4	175.9	147.5
50°	471.8	444.2	411.9	378.0	345.2	315.5	285.0	253.3	221.4	188.4	158.3
47.5°	495.0	468.6	436.8	401.3	366.3	332.7	301.0	268.4	235.9	201.2	168.6
45°	516.2	492.1	460.6	424.2	385.8	350.1	316.1	282.7	248.6	213.7	178.6
42.5°	535.8	512.5	483.7	446.6	405.7	366.9	330.6	295.8	260.6	225.4	188.5
40°	553.6	530.3	505.3	467.5	424.5	382.5	344.7	308.2	271.9	236.2	198.2
37.5°	571.2	547.2	521.2	487.0	442.1	398.6	357.9	319.9	282.7	245.8	207.3
35°	589.4	563.5	535.2	502.3	459.0	413.3	370.1	330.9	292.9	254.8	215.7
32.5°	606.7	578.2	548.0	515.3	474.7	426.7	381.9	341.6	302.5	263.2	223.5
30°	623.8	590.3	559.4	528.6	488.4	439.9	393.5	351.5	311.4	271.0	230.6
27.5°	636.8	600.8	569.4	539.0	499.9	452.0	404.8	360.7	319.6	278.2	236.8
25°	648.5	610.9	578.0	547.2	511.2	464.5	415.1	369.1	327.0	284.8	242.5
22.5°	660.1	619.8	585.1	554.3	521.9	475.8	424.9	377.5	333.7	290.7	247.7
20°	670.2	626.8	591.0	560.7	529.1	484.6	434.1	384.9	339.7	296.0	252.2
17.5°	678.8	634.1	597.3	566.0	534.0	492.1	442.0	391.4	344.8	300.5	256.2
15°	687.6	641.5	602.6	570.0	538.3	498.2	448.9	397.0	349.2	304.4	259.8
12.5°	695.1	647.1	606.7	573.0	541.9	503.0	454.5	401.5	352.8	308.0	263.2
10°	701.0	650.8	609.6	574.8	544.7	506.4	458.9	405.7	357.1	311.3	266.1
7.5°	705.1	652.6	611.3	575.5	546.7	509.5	463.2	410.4	360.9	313.8	268.3
5°	707.9	653.4	612.3	577.2	547.9	512.4	466.3	414.0	363.9	315.6	269.8
2.5°	711.1	653.8	612.4	578.5	547.9	514.1	468.1	416.6	366.2	316.7	270.8
0°	712.3	652.6	611.2	579.0	546.9	514.7	468.7	418.2	367.6	317.1	271.1
-2.5°	711.1	653.8	612.4	578.5	547.9	514.1	468.1	416.6	366.2	316.7	270.8
-5°	707.9	653.4	612.3	577.2	547.9	512.4	466.3	414.0	363.9	315.6	269.8
-7.5°	705.1	652.6	611.3	575.5	546.7	509.5	463.2	410.4	360.9	313.8	268.3
-10°	701.0	650.8	609.6	574.8	544.7	506.4	458.9	405.7	357.1	311.3	266.1
-12.5°	695.1	647.1	606.7	573.0	541.9	503.0	454.5	401.5	352.8	308.0	263.2
-15°	687.6	641.5	602.6	570.0	538.3	498.2	448.9	397.0	349.2	304.4	259.8
-17.5°	678.8	634.1	597.3	566.0	534.0	492.1	442.0	391.4	344.8	300.5	256.2
-20°	670.2	626.8	591.0	560.7	529.1	484.6	434.1	384.9	339.7	296.0	252.2



REPORT NUMBER: P627235 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3D-750-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°	660.1	619.8	585.1	554.3	521.9	475.8	424.9	377.5	333.7	290.7	247.7
-25°	648.5	610.9	578.0	547.2	511.2	464.5	415.1	369.1	327.0	284.8	242.5
-27.5°	636.8	600.8	569.4	539.0	499.9	452.0	404.8	360.7	319.6	278.2	236.8
-30°	623.8	590.3	559.4	528.6	488.4	439.9	393.5	351.5	311.4	271.0	230.6
-32.5°	606.7	578.2	548.0	515.3	474.7	426.7	381.9	341.6	302.5	263.2	223.5
-35°	589.4	563.5	535.2	502.3	459.0	413.3	370.1	330.9	292.9	254.8	215.7
-37.5°	571.2	547.2	521.2	487.0	442.1	398.6	357.9	319.9	282.7	245.8	207.3
-40°	553.6	530.3	505.3	467.5	424.5	382.5	344.7	308.2	271.9	236.2	198.2
-42.5°	535.8	512.5	483.7	446.6	405.7	366.9	330.6	295.8	260.6	225.4	188.5
-45°	516.2	492.1	460.6	424.2	385.8	350.1	316.1	282.7	248.6	213.7	178.6
-47.5°	495.0	468.6	436.8	401.3	366.3	332.7	301.0	268.4	235.9	201.2	168.6
-50°	471.8	444.2	411.9	378.0	345.2	315.5	285.0	253.3	221.4	188.4	158.3
-52.5°	444.8	417.5	385.4	353.3	324.5	297.6	267.4	237.4	206.4	175.9	147.5
-55°	415.0	387.6	356.6	328.6	302.8	277.2	249.0	220.2	190.9	163.1	136.4
-57.5°	381.2	354.4	328.0	303.3	279.1	255.1	229.6	202.4	175.6	149.9	124.9
-60°	346.5	322.1	298.9	276.3	254.0	232.3	209.5	184.3	159.9	136.2	113.1
-62.5°	310.1	288.9	268.4	248.1	228.7	209.2	189.0	166.1	143.7	122.4	101.0
-65°	274.0	255.8	237.2	220.5	203.3	185.7	167.7	147.3	127.7	108.3	89.0
-67.5°	238.6	223.2	208.0	193.0	177.7	161.9	145.8	129.0	111.6	93.9	77.7
-70°	204.1	191.1	178.4	165.2	151.7	138.1	125.2	110.8	95.2	80.8	66.2
-72.5°	170.7	160.3	148.8	137.2	126.7	115.8	104.7	92.7	80.2	67.4	54.5
-75°	139.2	130.1	120.7	111.4	102.5	93.6	85.4	75.9	65.0	53.9	44.4
-77.5°	108.6	101.0	93.2	86.7	80.8	74.2	67.0	59.0	50.2	42.3	34.7
-80°	80.7	75.8	70.8	65.7	60.5	54.8	49.2	43.4	37.0	30.8	25.0
-82.5°	56.0	52.4	48.6	44.7	40.7	36.6	32.4	28.1	23.6	19.2	16.6
-85°	31.3	28.8	26.3	23.8	21.1	18.4	17.0	15.5	14.1	12.6	11.1
-87.5°	12.4	11.8	11.2	10.6	9.9	9.2	8.5	7.8	7.0	6.3	5.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627235 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-750-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°	4.8	4.0	3.2	2.4	1.6	0.8	0.0
85°	9.5	8.0	6.4	4.8	3.2	1.6	0.0
82.5°	14.2	11.9	9.6	7.2	4.8	2.4	0.0
80°	19.4	15.9	12.7	9.6	6.4	3.2	0.0
77.5°	27.6	20.8	15.9	11.9	8.0	4.0	0.0
75°	35.7	27.6	19.4	14.2	9.5	4.8	0.0
72.5°	43.7	34.3	24.8	16.6	11.1	5.5	0.0
70°	51.9	40.9	30.1	19.2	12.6	6.3	0.0
67.5°	61.9	47.4	35.3	23.1	14.1	7.0	0.0
65°	71.7	54.7	40.4	26.9	15.5	7.8	0.0
62.5°	81.4	62.8	45.4	30.7	17.0	8.5	0.0
60°	90.8	70.6	50.4	34.4	18.4	9.2	0.0
57.5°	100.8	78.3	56.4	38.0	20.8	9.9	0.0
55°	110.5	85.8	62.4	41.5	23.1	10.6	0.0
52.5°	119.8	93.1	68.2	44.9	25.4	11.2	0.0
50°	128.8	100.6	73.9	48.2	27.6	11.8	0.0
47.5°	137.4	107.7	79.3	51.6	29.7	12.4	0.0
45°	145.9	114.4	84.5	55.5	31.7	13.0	0.0
42.5°	154.1	120.8	89.5	59.2	33.7	13.6	0.0
40°	161.9	126.9	94.3	62.8	35.5	14.1	0.0
37.5°	169.2	132.6	98.9	66.0	37.3	14.6	0.0
35°	176.2	138.2	103.2	69.1	38.9	15.1	0.0
32.5°	182.7	143.6	107.2	71.9	40.5	15.5	0.0
30°	189.0	148.7	110.9	74.5	42.0	15.9	0.0
27.5°	194.6	153.3	114.3	76.9	43.3	16.3	0.0
25°	199.8	157.6	117.4	79.0	44.6	16.7	0.0
22.5°	204.4	161.4	120.3	80.9	45.7	17.0	0.0
20°	208.4	164.7	122.9	82.6	46.7	17.3	0.0
17.5°	212.0	167.6	125.2	84.0	47.6	17.5	0.0
15°	215.4	170.0	127.3	85.1	48.4	17.8	0.0
12.5°	218.3	171.9	129.1	86.1	49.1	18.0	0.0
10°	220.7	173.3	130.6	86.8	49.6	18.1	0.0
7.5°	222.6	174.3	131.8	87.2	50.0	18.2	0.0
5°	224.0	174.8	132.6	87.5	50.4	18.3	0.0
2.5°	224.9	174.9	133.1	87.5	50.5	18.4	0.0
0°	225.2	174.6	133.3	87.3	50.6	18.4	0.0
-2.5°	224.9	174.9	133.1	87.5	50.5	18.4	0.0
-5°	224.0	174.8	132.6	87.5	50.4	18.3	0.0
-7.5°	222.6	174.3	131.8	87.2	50.0	18.2	0.0
-10°	220.7	173.3	130.6	86.8	49.6	18.1	0.0
-12.5°	218.3	171.9	129.1	86.1	49.1	18.0	0.0
-15°	215.4	170.0	127.3	85.1	48.4	17.8	0.0
-17.5°	212.0	167.6	125.2	84.0	47.6	17.5	0.0
-20°	208.4	164.7	122.9	82.6	46.7	17.3	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627235 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	204.4	161.4	120.3	80.9	45.7	17.0	0.0
-25°	199.8	157.6	117.4	79.0	44.6	16.7	0.0
-27.5°	194.6	153.3	114.3	76.9	43.3	16.3	0.0
-30°	189.0	148.7	110.9	74.5	42.0	15.9	0.0
-32.5°	182.7	143.6	107.2	71.9	40.5	15.5	0.0
-35°	176.2	138.2	103.2	69.1	38.9	15.1	0.0
-37.5°	169.2	132.6	98.9	66.0	37.3	14.6	0.0
-40°	161.9	126.9	94.3	62.8	35.5	14.1	0.0
-42.5°	154.1	120.8	89.5	59.2	33.7	13.6	0.0
-45°	145.9	114.4	84.5	55.5	31.7	13.0	0.0
-47.5°	137.4	107.7	79.3	51.6	29.7	12.4	0.0
-50°	128.8	100.6	73.9	48.2	27.6	11.8	0.0
-52.5°	119.8	93.1	68.2	44.9	25.4	11.2	0.0
-55°	110.5	85.8	62.4	41.5	23.1	10.6	0.0
-57.5°	100.8	78.3	56.4	38.0	20.8	9.9	0.0
-60°	90.8	70.6	50.4	34.4	18.4	9.2	0.0
-62.5°	81.4	62.8	45.4	30.7	17.0	8.5	0.0
-65°	71.7	54.7	40.4	26.9	15.5	7.8	0.0
-67.5°	61.9	47.4	35.3	23.1	14.1	7.0	0.0
-70°	51.9	40.9	30.1	19.2	12.6	6.3	0.0
-72.5°	43.7	34.3	24.8	16.6	11.1	5.5	0.0
-75°	35.7	27.6	19.4	14.2	9.5	4.8	0.0
-77.5°	27.6	20.8	15.9	11.9	8.0	4.0	0.0
-80°	19.4	15.9	12.7	9.6	6.4	3.2	0.0
-82.5°	14.2	11.9	9.6	7.2	4.8	2.4	0.0
-85°	9.5	8.0	6.4	4.8	3.2	1.6	0.0
-87.5°	4.8	4.0	3.2	2.4	1.6	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)