

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P627199 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA3D-727-U-NR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627199 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3D-727-U-NR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N63
Light Source: (48) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18739.9 lumens
Efficiency: N/A
Efficacy: 117.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 176483 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.7°H x 13.6°V
Beam Lumens: 5540.6 lumens
Beam Efficiency: 29.6%

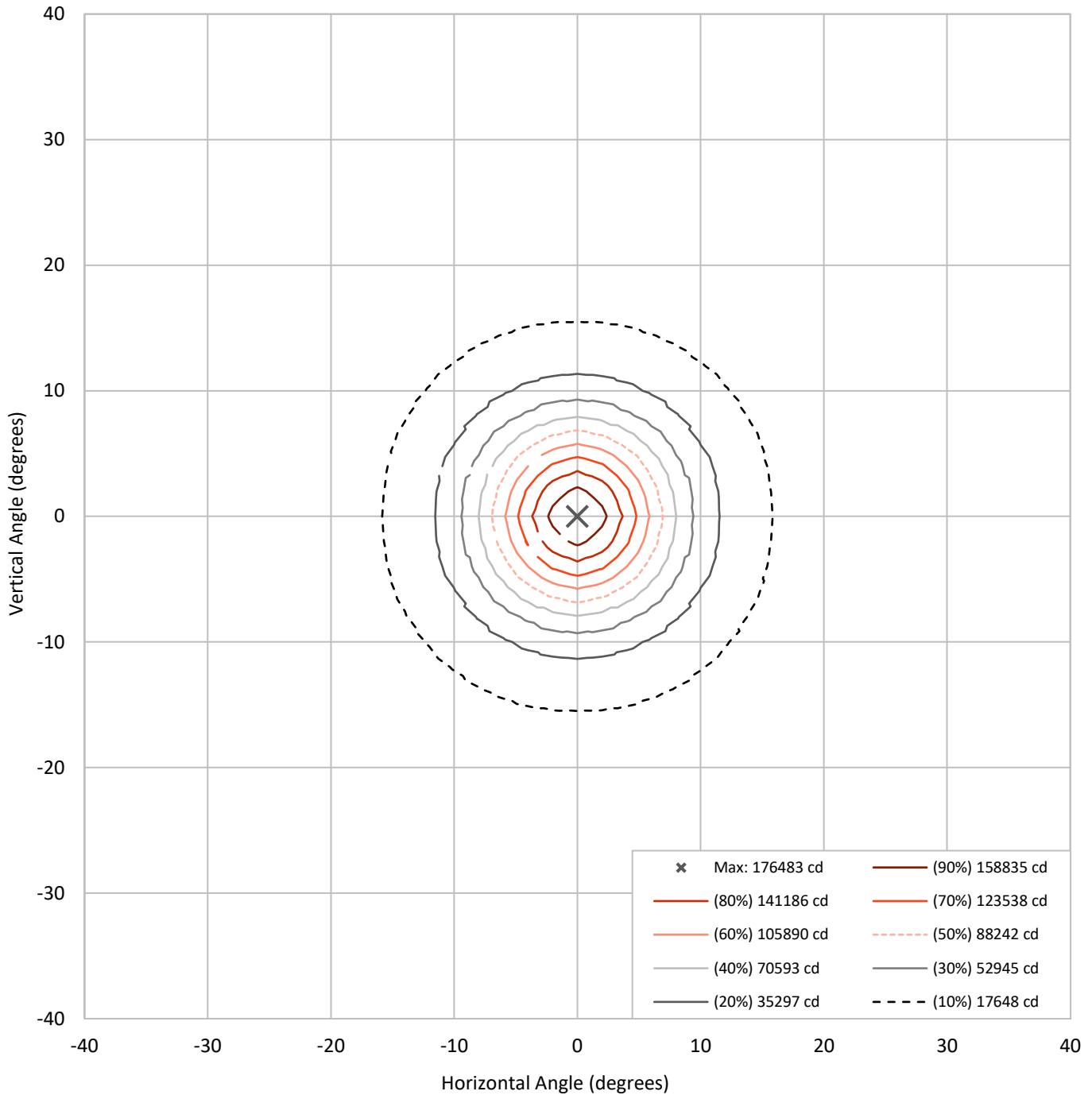
Field Angle (10%): 31.6°H x 30.6°V
Field Lumens: 12468.5 lumens
Field Efficiency: 66.5%

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: P627199 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-727-U-NR-XX

Iso-Candela Plot





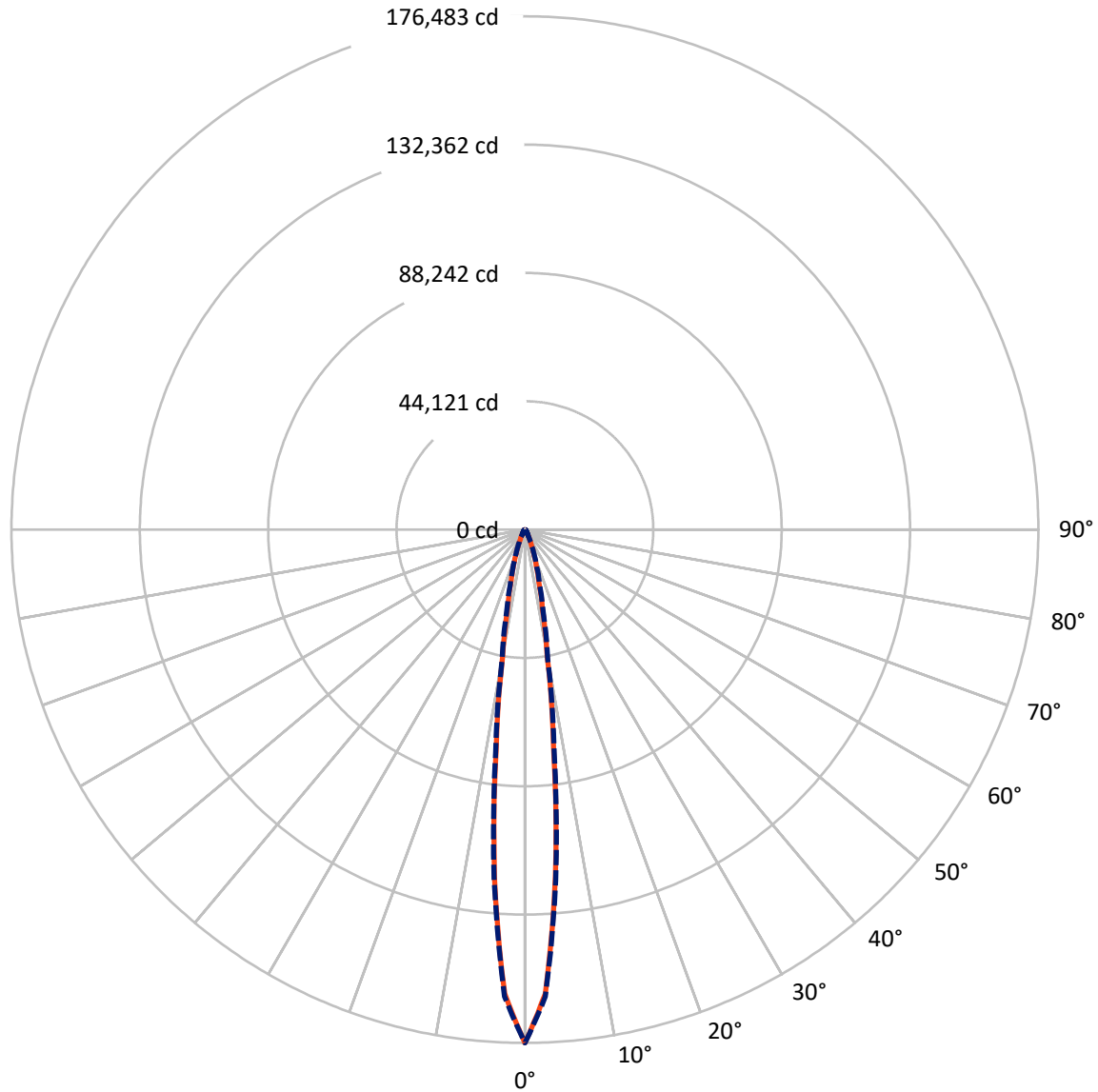
REPORT NUMBER: P627199 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-727-U-NR-XX

Lumen Table

90	0.3	2.6	6.7	10.9	11.9	10.9	6.7	2.6	0.3							
80	0.3	2.6	6.7	10.9	11.9	10.9	6.7	2.6	0.3							
70	1.2	1.3	2.7	4.4	6.3	7.7	8.7	9.0	9.0	8.7	7.7	6.3	4.4	2.7	1.3	1.2
60		2.0	4.1	6.6	8.9	10.8	12.1	12.6	12.6	12.1	10.8	8.9	6.6	4.1	2.0	
50	2.0	2.6	5.3	8.1	10.8	13.6	16.0	17.3	17.3	16.0	13.6	10.8	8.1	5.3	2.6	2.0
40		3.1	6.2	9.4	13.3	19.2	27.0	33.4	33.4	27.0	19.2	13.3	9.4	6.2	3.1	
30	2.7	3.5	6.8	10.6	17.3	34.2	78.0	129.1	129.1	78.0	34.2	17.3	10.6	6.8	3.5	2.7
20		3.8	7.1	11.7	22.9	72.7	258.2	556.0	556.0	258.2	72.7	22.9	11.7	7.1	3.8	
10	2.9	3.9	7.3	12.4	27.7	119.8	561.2	2424.4	2424.4	561.2	119.8	27.7	12.4	7.3	3.9	2.9
0		3.9	7.3	12.4	27.7	119.8	561.2	2424.4	2424.4	561.2	119.8	27.7	12.4	7.3	3.9	
-10	2.7	3.8	7.1	11.7	22.9	72.7	258.2	556.0	556.0	258.2	72.7	22.9	11.7	7.1	3.8	2.7
-20		3.5	6.8	10.6	17.3	34.2	78.0	129.1	129.1	78.0	34.2	17.3	10.6	6.8	3.5	
-30	2.0	3.1	6.2	9.4	13.3	19.2	27.0	33.4	33.4	27.0	19.2	13.3	9.4	6.2	3.1	2.0
-40		2.6	5.3	8.1	10.8	13.6	16.0	17.3	17.3	16.0	13.6	10.8	8.1	5.3	2.6	
-50	1.2	2.0	4.1	6.6	8.9	10.8	12.1	12.6	12.6	12.1	10.8	8.9	6.6	4.1	2.0	1.2
-60		1.3	2.7	4.4	6.3	7.7	8.7	9.0	9.0	8.7	7.7	6.3	4.4	2.7	1.3	
-70	0.3	2.6	6.7	10.9	11.9	10.9	6.7	2.6	0.3							
-80		0.3	2.6	6.7	10.9	11.9	10.9	6.7	2.6	0.3						
-90	0.3	2.6	6.7	10.9	11.9	10.9	6.7	2.6	0.3							

REPORT NUMBER: P627199 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-727-U-NR-XX

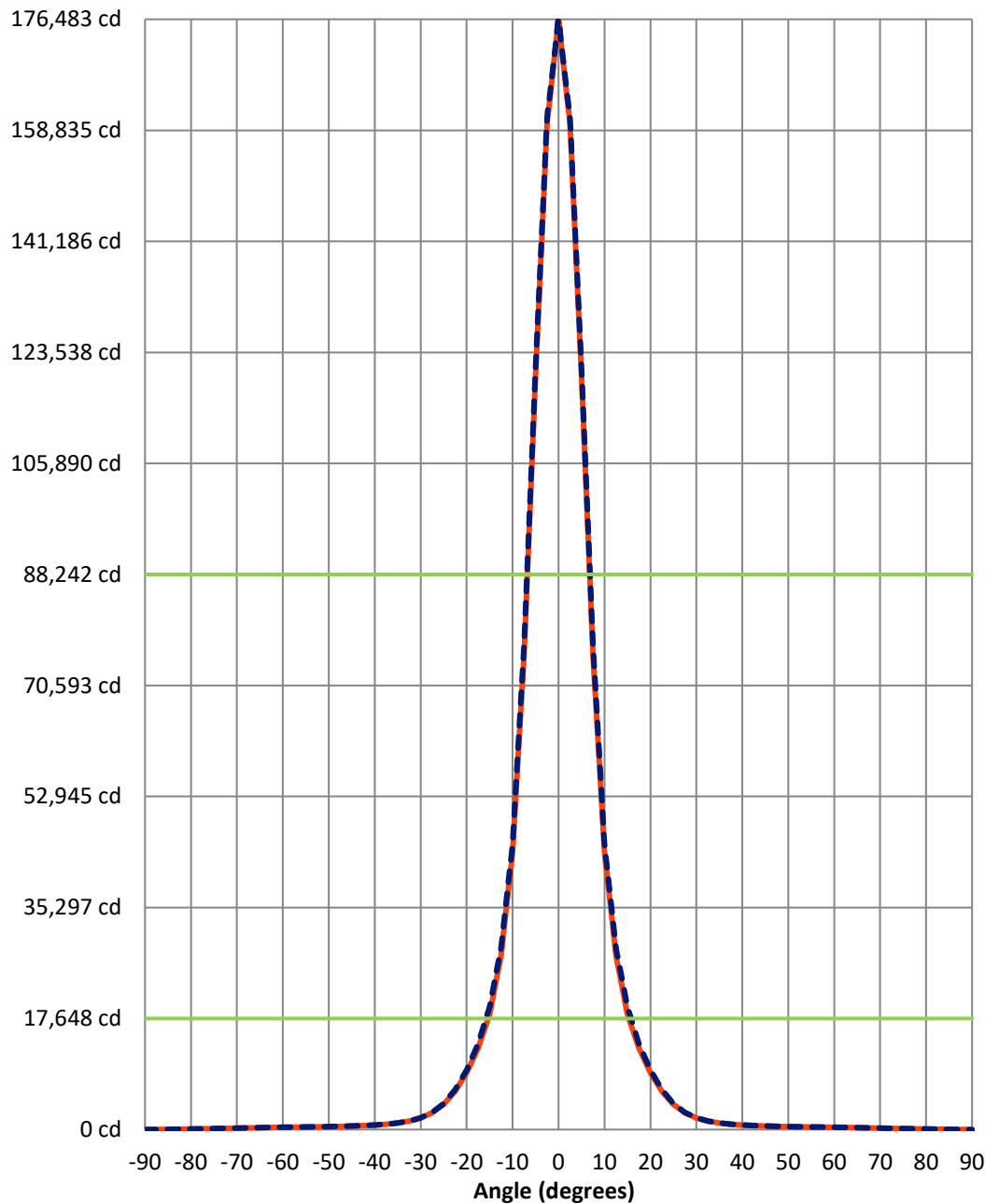
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P627199 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-727-U-NR-XX

Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 5540.6
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 12468.5
 Efficiency: 66.5%

Spill:
 Lumens: 6271.4
 Efficiency: 33.5%

- 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: P627199 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-727-U-NR-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	0.6	1.3	2.0	2.6	3.3	3.9	4.5	5.2	5.8	6.4
85°	0.0	1.1	2.6	3.9	5.2	6.5	7.8	9.1	10.3	11.5	12.7
82.5°	0.0	1.7	3.9	5.9	7.8	9.8	11.7	13.6	15.6	18.4	21.1
80°	0.0	2.3	5.2	7.8	10.4	13.0	15.8	19.6	23.3	27.0	30.6
77.5°	0.0	2.8	6.5	9.8	13.0	16.7	21.5	26.3	30.9	35.5	40.4
75°	0.0	3.4	7.7	11.7	15.7	21.2	27.2	32.9	38.6	45.1	51.4
72.5°	0.0	3.9	9.0	13.6	19.2	25.7	32.7	39.8	47.4	54.8	62.2
70°	0.0	4.5	10.2	15.6	22.5	30.1	38.3	47.4	56.0	64.6	74.1
67.5°	0.0	5.0	11.3	18.0	25.9	34.4	44.6	54.8	64.6	75.4	86.1
65°	0.0	5.5	12.5	20.3	29.1	39.0	50.9	62.2	74.1	86.1	98.8
62.5°	0.0	6.0	13.5	22.6	32.2	44.1	56.9	70.1	83.5	97.1	113.0
60°	0.0	6.5	14.6	24.8	35.2	49.1	62.9	78.2	92.6	109.3	126.8
57.5°	0.0	6.9	15.9	26.9	39.1	53.9	69.4	86.0	102.7	121.1	140.1
55°	0.0	7.4	17.3	29.0	42.8	58.6	75.8	93.5	112.7	132.5	153.0
52.5°	0.0	7.8	18.6	31.0	46.4	63.3	82.1	101.6	122.3	143.5	165.3
50°	0.0	8.2	19.8	32.9	50.0	68.3	88.1	109.6	131.6	153.9	177.1
47.5°	0.0	8.6	21.1	34.8	53.3	73.1	94.0	117.3	140.3	163.9	188.7
45°	0.0	8.9	22.3	37.3	56.6	77.7	100.3	124.6	148.7	174.0	200.0
42.5°	0.0	9.3	23.4	39.6	59.7	82.2	106.3	131.7	156.8	183.9	211.0
40°	0.0	9.6	24.5	41.8	62.8	86.4	112.1	138.4	164.7	193.5	221.7
37.5°	0.0	9.9	25.6	44.0	66.0	90.4	117.5	144.7	172.6	202.4	232.1
35°	0.0	10.1	26.6	46.1	69.0	94.5	122.7	150.7	180.0	210.8	242.0
32.5°	0.0	10.4	27.5	48.0	71.8	98.4	127.5	156.4	186.7	218.6	250.7
30°	0.0	10.6	28.4	49.8	74.4	102.2	132.0	161.7	192.9	226.0	258.6
27.5°	0.0	10.8	29.3	51.5	76.9	105.6	136.1	166.7	198.7	232.7	265.7
25°	0.0	11.0	30.0	53.0	79.3	108.7	139.9	171.2	204.1	238.6	271.9
22.5°	0.0	11.1	30.8	54.4	81.4	111.6	143.3	175.2	209.0	243.7	277.4
20°	0.0	11.2	31.4	55.7	83.3	114.0	146.3	178.7	213.3	248.1	282.3
17.5°	0.0	11.3	32.0	56.8	85.1	116.1	148.9	181.7	217.1	251.8	286.7
15°	0.0	11.4	32.5	57.8	86.5	117.8	150.9	184.4	220.2	254.9	290.5
12.5°	0.0	11.4	33.0	58.6	87.8	119.2	152.6	186.8	222.9	257.2	293.6
10°	0.0	11.5	33.3	59.3	88.8	120.2	153.9	188.9	225.0	259.7	296.6
7.5°	0.0	11.4	33.6	59.8	89.7	120.9	154.7	190.6	226.4	261.8	300.1
5°	0.0	11.4	33.8	60.2	90.2	121.2	155.2	191.8	227.2	263.4	302.9
2.5°	0.0	11.4	34.0	60.4	90.6	121.3	155.3	192.5	227.3	264.4	305.0
0°	0.0	11.3	34.0	60.5	90.7	121.0	155.0	192.8	226.9	264.7	306.3
-2.5°	0.0	11.4	34.0	60.4	90.6	121.3	155.3	192.5	227.3	264.4	305.0
-5°	0.0	11.4	33.8	60.2	90.2	121.2	155.2	191.8	227.2	263.4	302.9
-7.5°	0.0	11.4	33.6	59.8	89.7	120.9	154.7	190.6	226.4	261.8	300.1
-10°	0.0	11.5	33.3	59.3	88.8	120.2	153.9	188.9	225.0	259.7	296.6
-12.5°	0.0	11.4	33.0	58.6	87.8	119.2	152.6	186.8	222.9	257.2	293.6
-15°	0.0	11.4	32.5	57.8	86.5	117.8	150.9	184.4	220.2	254.9	290.5
-17.5°	0.0	11.3	32.0	56.8	85.1	116.1	148.9	181.7	217.1	251.8	286.7
-20°	0.0	11.2	31.4	55.7	83.3	114.0	146.3	178.7	213.3	248.1	282.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627199 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	11.1	30.8	54.4	81.4	111.6	143.3	175.2	209.0	243.7	277.4
-25°	0.0	11.0	30.0	53.0	79.3	108.7	139.9	171.2	204.1	238.6	271.9
-27.5°	0.0	10.8	29.3	51.5	76.9	105.6	136.1	166.7	198.7	232.7	265.7
-30°	0.0	10.6	28.4	49.8	74.4	102.2	132.0	161.7	192.9	226.0	258.6
-32.5°	0.0	10.4	27.5	48.0	71.8	98.4	127.5	156.4	186.7	218.6	250.7
-35°	0.0	10.1	26.6	46.1	69.0	94.5	122.7	150.7	180.0	210.8	242.0
-37.5°	0.0	9.9	25.6	44.0	66.0	90.4	117.5	144.7	172.6	202.4	232.1
-40°	0.0	9.6	24.5	41.8	62.8	86.4	112.1	138.4	164.7	193.5	221.7
-42.5°	0.0	9.3	23.4	39.6	59.7	82.2	106.3	131.7	156.8	183.9	211.0
-45°	0.0	8.9	22.3	37.3	56.6	77.7	100.3	124.6	148.7	174.0	200.0
-47.5°	0.0	8.6	21.1	34.8	53.3	73.1	94.0	117.3	140.3	163.9	188.7
-50°	0.0	8.2	19.8	32.9	50.0	68.3	88.1	109.6	131.6	153.9	177.1
-52.5°	0.0	7.8	18.6	31.0	46.4	63.3	82.1	101.6	122.3	143.5	165.3
-55°	0.0	7.4	17.3	29.0	42.8	58.6	75.8	93.5	112.7	132.5	153.0
-57.5°	0.0	6.9	15.9	26.9	39.1	53.9	69.4	86.0	102.7	121.1	140.1
-60°	0.0	6.5	14.6	24.8	35.2	49.1	62.9	78.2	92.6	109.3	126.8
-62.5°	0.0	6.0	13.5	22.6	32.2	44.1	56.9	70.1	83.5	97.1	113.0
-65°	0.0	5.5	12.5	20.3	29.1	39.0	50.9	62.2	74.1	86.1	98.8
-67.5°	0.0	5.0	11.3	18.0	25.9	34.4	44.6	54.8	64.6	75.4	86.1
-70°	0.0	4.5	10.2	15.6	22.5	30.1	38.3	47.4	56.0	64.6	74.1
-72.5°	0.0	3.9	9.0	13.6	19.2	25.7	32.7	39.8	47.4	54.8	62.2
-75°	0.0	3.4	7.7	11.7	15.7	21.2	27.2	32.9	38.6	45.1	51.4
-77.5°	0.0	2.8	6.5	9.8	13.0	16.7	21.5	26.3	30.9	35.5	40.4
-80°	0.0	2.3	5.2	7.8	10.4	13.0	15.8	19.6	23.3	27.0	30.6
-82.5°	0.0	1.7	3.9	5.9	7.8	9.8	11.7	13.6	15.6	18.4	21.1
-85°	0.0	1.1	2.6	3.9	5.2	6.5	7.8	9.1	10.3	11.5	12.7
-87.5°	0.0	0.6	1.3	2.0	2.6	3.3	3.9	4.5	5.2	5.8	6.4
-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: P627199 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-727-U-NR-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°	7.0	7.5	8.1	8.7	9.2	9.7	10.2	10.7	11.1	11.6	12.0
85°	13.9	15.1	16.8	18.4	19.8	21.0	22.1	22.9	24.5	26.1	27.8
82.5°	23.8	26.4	28.9	31.4	33.1	34.4	35.7	37.7	41.0	44.2	47.2
80°	34.2	37.6	41.5	45.4	48.7	52.0	55.4	58.9	62.6	66.0	69.4
77.5°	45.6	50.7	55.6	60.4	65.2	70.3	75.3	80.0	84.6	89.0	93.1
75°	57.6	63.6	70.3	76.8	83.2	89.4	95.5	101.9	108.1	114.1	119.7
72.5°	70.1	78.2	86.0	93.7	102.0	110.1	118.0	125.6	132.9	140.6	148.8
70°	83.5	92.6	102.9	112.7	122.0	131.7	141.4	149.7	157.7	168.3	179.2
67.5°	97.2	109.6	121.2	132.3	144.7	156.1	166.0	176.5	187.9	200.1	210.9
65°	113.4	126.9	140.4	154.4	168.7	180.5	192.9	206.1	218.9	231.1	242.8
62.5°	129.4	144.6	160.2	175.4	190.1	204.3	219.3	233.9	248.0	262.2	274.7
60°	144.8	162.2	178.5	194.4	211.1	228.8	245.3	261.5	278.4	294.5	302.9
57.5°	159.7	178.2	195.3	213.2	232.7	252.7	270.1	288.4	302.9	314.0	325.0
55°	173.7	192.9	211.6	231.8	253.0	273.7	293.1	309.4	322.8	333.1	344.6
52.5°	186.8	207.1	227.4	249.4	271.9	294.1	314.3	329.6	341.7	352.2	363.0
50°	199.7	220.9	242.4	266.6	290.7	314.3	334.1	348.1	359.5	370.2	381.3
47.5°	212.3	234.6	257.8	283.5	309.6	332.4	351.2	364.0	375.4	388.1	400.3
45°	224.7	248.9	273.4	301.0	327.2	349.2	365.1	378.0	392.2	405.8	418.9
42.5°	236.8	262.9	289.5	318.1	343.4	363.2	378.1	393.3	408.6	423.1	437.9
40°	249.0	276.3	304.6	333.0	358.5	375.6	391.4	407.8	424.6	440.4	456.7
37.5°	260.7	289.0	318.1	346.8	370.0	387.3	403.7	421.8	439.5	456.7	478.0
35°	271.8	300.6	329.9	357.7	380.0	397.9	416.3	435.3	453.8	476.1	500.4
32.5°	281.8	310.9	340.6	366.5	388.4	407.7	428.3	448.1	470.4	495.7	524.8
30°	290.2	320.0	349.8	375.1	396.5	416.9	439.2	461.1	487.2	517.5	552.1
27.5°	297.6	328.1	357.1	382.4	404.1	424.5	447.9	475.6	505.6	539.5	580.3
25°	304.5	336.4	364.0	389.1	410.3	431.5	456.7	487.3	523.3	564.2	614.1
22.5°	311.0	344.2	371.0	395.5	415.1	438.1	466.3	499.6	538.8	586.8	647.4
20°	317.2	350.1	376.6	400.5	418.7	443.7	474.9	510.4	554.9	612.2	682.3
17.5°	322.9	355.2	381.0	403.5	423.4	449.8	482.4	519.2	569.0	635.3	714.4
15°	328.1	359.4	384.5	405.9	427.6	456.1	490.2	530.1	584.5	657.2	742.8
12.5°	332.7	362.9	387.2	407.7	431.0	461.3	497.2	541.5	601.2	678.8	778.8
10°	336.6	365.5	389.1	409.0	433.5	465.2	503.0	550.7	614.5	695.6	806.5
7.5°	339.9	367.6	390.4	409.7	435.2	468.0	507.6	557.8	623.8	707.5	826.5
5°	342.3	369.3	391.9	412.0	437.7	470.2	510.9	562.6	629.2	714.6	839.0
2.5°	343.7	370.3	392.9	414.2	440.5	472.0	513.4	567.9	633.6	721.4	848.4
0°	344.1	370.6	393.2	415.9	442.4	472.6	514.2	571.0	635.2	726.0	854.5
-2.5°	343.7	370.3	392.9	414.2	440.5	472.0	513.4	567.9	633.6	721.4	848.4
-5°	342.3	369.3	391.9	412.0	437.7	470.2	510.9	562.6	629.2	714.6	839.0
-7.5°	339.9	367.6	390.4	409.7	435.2	468.0	507.6	557.8	623.8	707.5	826.5
-10°	336.6	365.5	389.1	409.0	433.5	465.2	503.0	550.7	614.5	695.6	806.5
-12.5°	332.7	362.9	387.2	407.7	431.0	461.3	497.2	541.5	601.2	678.8	778.8
-15°	328.1	359.4	384.5	405.9	427.6	456.1	490.2	530.1	584.5	657.2	742.8
-17.5°	322.9	355.2	381.0	403.5	423.4	449.8	482.4	519.2	569.0	635.3	714.4
-20°	317.2	350.1	376.6	400.5	418.7	443.7	474.9	510.4	554.9	612.2	682.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627199 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	311.0	344.2	371.0	395.5	415.1	438.1	466.3	499.6	538.8	586.8	647.4
-25°	304.5	336.4	364.0	389.1	410.3	431.5	456.7	487.3	523.3	564.2	614.1
-27.5°	297.6	328.1	357.1	382.4	404.1	424.5	447.9	475.6	505.6	539.5	580.3
-30°	290.2	320.0	349.8	375.1	396.5	416.9	439.2	461.1	487.2	517.5	552.1
-32.5°	281.8	310.9	340.6	366.5	388.4	407.7	428.3	448.1	470.4	495.7	524.8
-35°	271.8	300.6	329.9	357.7	380.0	397.9	416.3	435.3	453.8	476.1	500.4
-37.5°	260.7	289.0	318.1	346.8	370.0	387.3	403.7	421.8	439.5	456.7	478.0
-40°	249.0	276.3	304.6	333.0	358.5	375.6	391.4	407.8	424.6	440.4	456.7
-42.5°	236.8	262.9	289.5	318.1	343.4	363.2	378.1	393.3	408.6	423.1	437.9
-45°	224.7	248.9	273.4	301.0	327.2	349.2	365.1	378.0	392.2	405.8	418.9
-47.5°	212.3	234.6	257.8	283.5	309.6	332.4	351.2	364.0	375.4	388.1	400.3
-50°	199.7	220.9	242.4	266.6	290.7	314.3	334.1	348.1	359.5	370.2	381.3
-52.5°	186.8	207.1	227.4	249.4	271.9	294.1	314.3	329.6	341.7	352.2	363.0
-55°	173.7	192.9	211.6	231.8	253.0	273.7	293.1	309.4	322.8	333.1	344.6
-57.5°	159.7	178.2	195.3	213.2	232.7	252.7	270.1	288.4	302.9	314.0	325.0
-60°	144.8	162.2	178.5	194.4	211.1	228.8	245.3	261.5	278.4	294.5	302.9
-62.5°	129.4	144.6	160.2	175.4	190.1	204.3	219.3	233.9	248.0	262.2	274.7
-65°	113.4	126.9	140.4	154.4	168.7	180.5	192.9	206.1	218.9	231.1	242.8
-67.5°	97.2	109.6	121.2	132.3	144.7	156.1	166.0	176.5	187.9	200.1	210.9
-70°	83.5	92.6	102.9	112.7	122.0	131.7	141.4	149.7	157.7	168.3	179.2
-72.5°	70.1	78.2	86.0	93.7	102.0	110.1	118.0	125.6	132.9	140.6	148.8
-75°	57.6	63.6	70.3	76.8	83.2	89.4	95.5	101.9	108.1	114.1	119.7
-77.5°	45.6	50.7	55.6	60.4	65.2	70.3	75.3	80.0	84.6	89.0	93.1
-80°	34.2	37.6	41.5	45.4	48.7	52.0	55.4	58.9	62.6	66.0	69.4
-82.5°	23.8	26.4	28.9	31.4	33.1	34.4	35.7	37.7	41.0	44.2	47.2
-85°	13.9	15.1	16.8	18.4	19.8	21.0	22.1	22.9	24.5	26.1	27.8
-87.5°	7.0	7.5	8.1	8.7	9.2	9.7	10.2	10.7	11.1	11.6	12.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627199 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-727-U-NR-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°	12.4	12.7	13.1	13.4	13.7	13.9	14.2	14.4	14.6	13.8	13.0
85°	29.5	30.7	31.7	32.7	33.5	34.3	35.1	35.7	36.2	35.8	35.2
82.5°	49.8	51.8	53.6	55.3	56.8	58.2	59.5	60.6	61.6	61.5	61.2
80°	72.5	75.7	79.0	82.2	85.4	87.3	88.7	89.7	90.4	90.7	90.8
77.5°	97.4	102.4	107.7	112.8	117.8	120.7	122.8	124.5	125.9	126.2	125.9
75°	125.1	131.5	138.7	144.9	150.3	153.6	155.9	157.9	159.5	159.9	159.7
72.5°	157.2	165.2	171.6	176.8	181.4	185.0	187.9	190.3	192.3	193.1	193.2
70°	188.8	196.7	202.7	208.1	212.6	216.3	219.7	222.7	225.1	226.9	228.3
67.5°	220.8	229.8	236.0	240.9	244.7	248.5	253.1	257.1	260.5	262.7	263.8
65°	253.7	263.0	269.0	274.2	278.9	283.8	288.9	292.7	295.2	296.7	297.7
62.5°	285.4	294.1	301.7	308.7	315.4	321.1	324.6	327.8	330.4	332.7	334.4
60°	312.7	323.8	332.3	339.0	345.7	352.1	356.4	359.7	362.4	364.4	365.6
57.5°	336.1	347.3	357.3	363.9	371.0	378.7	383.7	386.5	389.2	391.5	392.5
55°	356.4	366.8	376.1	385.0	393.1	399.9	405.2	409.1	412.4	415.0	415.8
52.5°	374.8	386.1	397.0	406.5	414.4	420.9	426.2	431.0	434.7	437.2	438.3
50°	394.1	406.3	417.9	428.3	436.4	443.7	450.3	455.9	461.4	465.7	468.8
47.5°	413.0	426.1	438.9	450.3	460.0	470.6	480.2	488.3	496.2	502.6	507.0
45°	432.2	447.2	461.1	475.8	489.0	503.0	515.9	527.1	538.6	547.2	553.1
42.5°	453.4	470.4	487.2	505.6	523.5	541.7	561.3	578.9	592.4	605.1	615.4
40°	476.1	495.7	517.5	540.0	566.5	590.5	616.9	639.5	660.0	681.7	698.9
37.5°	500.4	524.8	553.5	583.7	617.9	650.7	685.1	719.0	748.6	783.5	810.1
35°	527.2	559.8	595.2	635.9	678.5	725.5	772.7	827.2	874.0	925.6	970.6
32.5°	559.0	597.9	644.3	698.0	752.7	824.1	890.8	977.5	1052.5	1134.3	1216.8
30°	591.7	642.4	702.4	770.0	857.0	955.2	1064.6	1193.6	1326.6	1455.3	1610.5
27.5°	632.1	693.4	766.0	864.9	992.9	1125.6	1313.7	1507.4	1751.8	1954.0	2239.1
25°	674.2	746.4	849.4	983.9	1151.0	1381.3	1666.8	1976.3	2406.4	2784.3	3227.4
22.5°	720.0	817.4	945.6	1111.6	1365.1	1718.5	2150.8	2733.4	3367.8	4041.3	4711.3
20°	767.6	885.5	1053.6	1294.3	1642.0	2120.6	2862.8	3762.1	4668.5	5779.8	6763.9
17.5°	822.9	972.9	1180.0	1481.0	1945.0	2678.2	3707.8	4963.3	6369.4	7967.3	9386.0
15°	868.9	1047.7	1309.2	1730.2	2368.4	3310.0	4608.4	6335.7	8448.6	10594.6	12771.8
12.5°	922.3	1129.2	1436.2	1938.3	2739.8	3991.2	5758.5	7944.8	10583.5	13560.1	17069.2
10°	969.7	1209.1	1590.8	2212.3	3191.8	4701.7	6846.6	9476.7	12882.1	17164.8	22598.8
7.5°	1004.9	1272.7	1710.2	2420.9	3582.6	5384.7	7874.5	11154.3	15481.3	21136.6	28594.5
5°	1027.7	1318.8	1794.6	2581.8	3888.5	5893.1	8627.9	12344.1	17564.4	25562.9	38191.7
2.5°	1041.3	1346.0	1842.8	2676.1	4074.5	6229.9	9201.0	13243.8	18914.5	28298.3	44364.5
0°	1047.4	1353.7	1871.7	2726.2	4136.6	6360.0	9464.3	13653.9	19518.5	28937.4	45449.8
-2.5°	1041.3	1346.0	1842.8	2676.1	4074.5	6229.9	9201.0	13243.8	18914.5	28298.3	44364.5
-5°	1027.7	1318.8	1794.6	2581.8	3888.5	5893.1	8627.9	12344.1	17564.4	25562.9	38191.7
-7.5°	1004.9	1272.7	1710.2	2420.9	3582.6	5384.7	7874.5	11154.3	15481.3	21136.6	28594.5
-10°	969.7	1209.1	1590.8	2212.3	3191.8	4701.7	6846.6	9476.7	12882.1	17164.8	22598.8
-12.5°	922.3	1129.2	1436.2	1938.3	2739.8	3991.2	5758.5	7944.8	10583.5	13560.1	17069.2
-15°	868.9	1047.7	1309.2	1730.2	2368.4	3310.0	4608.4	6335.7	8448.6	10594.6	12771.8
-17.5°	822.9	972.9	1180.0	1481.0	1945.0	2678.2	3707.8	4963.3	6369.4	7967.3	9386.0
-20°	767.6	885.5	1053.6	1294.3	1642.0	2120.6	2862.8	3762.1	4668.5	5779.8	6763.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627199 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	720.0	817.4	945.6	1111.6	1365.1	1718.5	2150.8	2733.4	3367.8	4041.3	4711.3
-25°	674.2	746.4	849.4	983.9	1151.0	1381.3	1666.8	1976.3	2406.4	2784.3	3227.4
-27.5°	632.1	693.4	766.0	864.9	992.9	1125.6	1313.7	1507.4	1751.8	1954.0	2239.1
-30°	591.7	642.4	702.4	770.0	857.0	955.2	1064.6	1193.6	1326.6	1455.3	1610.5
-32.5°	559.0	597.9	644.3	698.0	752.7	824.1	890.8	977.5	1052.5	1134.3	1216.8
-35°	527.2	559.8	595.2	635.9	678.5	725.5	772.7	827.2	874.0	925.6	970.6
-37.5°	500.4	524.8	553.5	583.7	617.9	650.7	685.1	719.0	748.6	783.5	810.1
-40°	476.1	495.7	517.5	540.0	566.5	590.5	616.9	639.5	660.0	681.7	698.9
-42.5°	453.4	470.4	487.2	505.6	523.5	541.7	561.3	578.9	592.4	605.1	615.4
-45°	432.2	447.2	461.1	475.8	489.0	503.0	515.9	527.1	538.6	547.2	553.1
-47.5°	413.0	426.1	438.9	450.3	460.0	470.6	480.2	488.3	496.2	502.6	507.0
-50°	394.1	406.3	417.9	428.3	436.4	443.7	450.3	455.9	461.4	465.7	468.8
-52.5°	374.8	386.1	397.0	406.5	414.4	420.9	426.2	431.0	434.7	437.2	438.3
-55°	356.4	366.8	376.1	385.0	393.1	399.9	405.2	409.1	412.4	415.0	415.8
-57.5°	336.1	347.3	357.3	363.9	371.0	378.7	383.7	386.5	389.2	391.5	392.5
-60°	312.7	323.8	332.3	339.0	345.7	352.1	356.4	359.7	362.4	364.4	365.6
-62.5°	285.4	294.1	301.7	308.7	315.4	321.1	324.6	327.8	330.4	332.7	334.4
-65°	253.7	263.0	269.0	274.2	278.9	283.8	288.9	292.7	295.2	296.7	297.7
-67.5°	220.8	229.8	236.0	240.9	244.7	248.5	253.1	257.1	260.5	262.7	263.8
-70°	188.8	196.7	202.7	208.1	212.6	216.3	219.7	222.7	225.1	226.9	228.3
-72.5°	157.2	165.2	171.6	176.8	181.4	185.0	187.9	190.3	192.3	193.1	193.2
-75°	125.1	131.5	138.7	144.9	150.3	153.6	155.9	157.9	159.5	159.9	159.7
-77.5°	97.4	102.4	107.7	112.8	117.8	120.7	122.8	124.5	125.9	126.2	125.9
-80°	72.5	75.7	79.0	82.2	85.4	87.3	88.7	89.7	90.4	90.7	90.8
-82.5°	49.8	51.8	53.6	55.3	56.8	58.2	59.5	60.6	61.6	61.5	61.2
-85°	29.5	30.7	31.7	32.7	33.5	34.3	35.1	35.7	36.2	35.8	35.2
-87.5°	12.4	12.7	13.1	13.4	13.7	13.9	14.2	14.4	14.6	13.8	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: P627199 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-727-U-NR-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°	12.1	11.3	11.3	11.3	11.3	11.3	12.1	13.0	13.8	14.6	14.4
85°	34.6	33.8	34.0	34.0	34.0	33.8	34.6	35.2	35.8	36.2	35.7
82.5°	60.8	60.2	60.4	60.5	60.4	60.2	60.8	61.2	61.5	61.6	60.6
80°	90.6	90.3	88.8	87.0	88.8	90.3	90.6	90.8	90.7	90.4	89.7
77.5°	125.3	124.2	122.8	121.0	122.8	124.2	125.3	125.9	126.2	125.9	124.5
75°	159.1	158.1	158.6	158.8	158.6	158.1	159.1	159.7	159.9	159.5	157.9
72.5°	192.9	192.0	192.6	192.8	192.6	192.0	192.9	193.2	193.1	192.3	190.3
70°	229.2	229.6	228.6	226.9	228.6	229.6	229.2	228.3	226.9	225.1	222.7
67.5°	264.2	263.8	262.6	260.9	262.6	263.8	264.2	263.8	262.7	260.5	257.1
65°	298.1	297.7	298.3	298.7	298.3	297.7	298.1	297.7	296.7	295.2	292.7
62.5°	335.3	335.3	334.4	332.7	334.4	335.3	335.3	334.4	332.7	330.4	327.8
60°	366.1	365.9	364.8	363.0	364.8	365.9	366.1	365.6	364.4	362.4	359.7
57.5°	392.8	392.4	391.3	389.5	391.3	392.4	392.8	392.5	391.5	389.2	386.5
55°	415.9	415.3	414.1	412.1	414.1	415.3	415.9	415.8	415.0	412.4	409.1
52.5°	438.6	438.1	438.2	438.6	438.2	438.1	438.6	438.3	437.2	434.7	431.0
50°	470.6	471.3	470.7	468.9	470.7	471.3	470.6	468.8	465.7	461.4	455.9
47.5°	509.2	509.4	508.5	506.7	508.5	509.4	509.2	507.0	502.6	496.2	488.3
45°	557.7	560.4	561.1	559.6	561.1	560.4	557.7	553.1	547.2	538.6	527.1
42.5°	623.3	627.6	628.9	627.7	628.9	627.6	623.3	615.4	605.1	592.4	578.9
40°	709.5	714.4	715.3	714.6	715.3	714.4	709.5	698.9	681.7	660.0	639.5
37.5°	828.8	840.7	846.4	847.0	846.4	840.7	828.8	810.1	783.5	748.6	719.0
35°	1004.8	1028.6	1041.3	1047.4	1041.3	1028.6	1004.8	970.6	925.6	874.0	827.2
32.5°	1279.2	1326.8	1353.1	1349.9	1353.1	1326.8	1279.2	1216.8	1134.3	1052.5	977.5
30°	1727.5	1810.7	1852.5	1841.4	1852.5	1810.7	1727.5	1610.5	1455.3	1326.6	1193.6
27.5°	2443.8	2594.1	2681.0	2669.5	2681.0	2594.1	2443.8	2239.1	1954.0	1751.8	1507.4
25°	3597.9	3872.2	4047.7	4004.3	4047.7	3872.2	3597.9	3227.4	2784.3	2406.4	1976.3
22.5°	5353.5	5818.2	6125.6	6087.7	6125.6	5818.2	5353.5	4711.3	4041.3	3367.8	2733.4
20°	7761.8	8469.0	8973.9	9040.8	8973.9	8469.0	7761.8	6763.9	5779.8	4668.5	3762.1
17.5°	10918.5	12039.8	12820.3	12950.6	12820.3	12039.8	10918.5	9386.0	7967.3	6369.4	4963.3
15°	15021.1	16853.8	18180.1	18289.6	18180.1	16853.8	15021.1	12771.8	10594.6	8448.6	6335.7
12.5°	20591.9	24277.8	26683.5	27742.6	26683.5	24277.8	20591.9	17069.2	13560.1	10583.5	7944.8
10°	28301.4	36768.0	42190.1	44228.5	42190.1	36768.0	28301.4	22598.8	17164.8	12882.1	9476.7
7.5°	41178.8	54471.5	69249.6	75548.1	69249.6	54471.5	41178.8	28594.5	21136.6	15481.3	11154.3
5°	55761.3	83349.1	109590.0	119837.1	109590.0	83349.1	55761.3	38191.7	25562.9	17564.4	12344.1
2.5°	71106.0	109559.4	145593.1	159685.1	145593.1	109559.4	71106.0	44364.5	28298.3	18914.5	13243.8
0°	77098.4	121035.7	160681.5	176483.0	160681.5	121035.7	77098.4	45449.8	28937.4	19518.5	13653.9
-2.5°	71106.0	109559.4	145593.1	159685.1	145593.1	109559.4	71106.0	44364.5	28298.3	18914.5	13243.8
-5°	55761.3	83349.1	109590.0	119837.1	109590.0	83349.1	55761.3	38191.7	25562.9	17564.4	12344.1
-7.5°	41178.8	54471.5	69249.6	75548.1	69249.6	54471.5	41178.8	28594.5	21136.6	15481.3	11154.3
-10°	28301.4	36768.0	42190.1	44228.5	42190.1	36768.0	28301.4	22598.8	17164.8	12882.1	9476.7
-12.5°	20591.9	24277.8	26683.5	27742.6	26683.5	24277.8	20591.9	17069.2	13560.1	10583.5	7944.8
-15°	15021.1	16853.8	18180.1	18289.6	18180.1	16853.8	15021.1	12771.8	10594.6	8448.6	6335.7
-17.5°	10918.5	12039.8	12820.3	12950.6	12820.3	12039.8	10918.5	9386.0	7967.3	6369.4	4963.3
-20°	7761.8	8469.0	8973.9	9040.8	8973.9	8469.0	7761.8	6763.9	5779.8	4668.5	3762.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627199 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5353.5	5818.2	6125.6	6087.7	6125.6	5818.2	5353.5	4711.3	4041.3	3367.8	2733.4
-25°	3597.9	3872.2	4047.7	4004.3	4047.7	3872.2	3597.9	3227.4	2784.3	2406.4	1976.3
-27.5°	2443.8	2594.1	2681.0	2669.5	2681.0	2594.1	2443.8	2239.1	1954.0	1751.8	1507.4
-30°	1727.5	1810.7	1852.5	1841.4	1852.5	1810.7	1727.5	1610.5	1455.3	1326.6	1193.6
-32.5°	1279.2	1326.8	1353.1	1349.9	1353.1	1326.8	1279.2	1216.8	1134.3	1052.5	977.5
-35°	1004.8	1028.6	1041.3	1047.4	1041.3	1028.6	1004.8	970.6	925.6	874.0	827.2
-37.5°	828.8	840.7	846.4	847.0	846.4	840.7	828.8	810.1	783.5	748.6	719.0
-40°	709.5	714.4	715.3	714.6	715.3	714.4	709.5	698.9	681.7	660.0	639.5
-42.5°	623.3	627.6	628.9	627.7	628.9	627.6	623.3	615.4	605.1	592.4	578.9
-45°	557.7	560.4	561.1	559.6	561.1	560.4	557.7	553.1	547.2	538.6	527.1
-47.5°	509.2	509.4	508.5	506.7	508.5	509.4	509.2	507.0	502.6	496.2	488.3
-50°	470.6	471.3	470.7	468.9	470.7	471.3	470.6	468.8	465.7	461.4	455.9
-52.5°	438.6	438.1	438.2	438.6	438.2	438.1	438.6	438.3	437.2	434.7	431.0
-55°	415.9	415.3	414.1	412.1	414.1	415.3	415.9	415.8	415.0	412.4	409.1
-57.5°	392.8	392.4	391.3	389.5	391.3	392.4	392.8	392.5	391.5	389.2	386.5
-60°	366.1	365.9	364.8	363.0	364.8	365.9	366.1	365.6	364.4	362.4	359.7
-62.5°	335.3	335.3	334.4	332.7	334.4	335.3	335.3	334.4	332.7	330.4	327.8
-65°	298.1	297.7	298.3	298.7	298.3	297.7	298.1	297.7	296.7	295.2	292.7
-67.5°	264.2	263.8	262.6	260.9	262.6	263.8	264.2	263.8	262.7	260.5	257.1
-70°	229.2	229.6	228.6	226.9	228.6	229.6	229.2	228.3	226.9	225.1	222.7
-72.5°	192.9	192.0	192.6	192.8	192.6	192.0	192.9	193.2	193.1	192.3	190.3
-75°	159.1	158.1	158.6	158.8	158.6	158.1	159.1	159.7	159.9	159.5	157.9
-77.5°	125.3	124.2	122.8	121.0	122.8	124.2	125.3	125.9	126.2	125.9	124.5
-80°	90.6	90.3	88.8	87.0	88.8	90.3	90.6	90.8	90.7	90.4	89.7
-82.5°	60.8	60.2	60.4	60.5	60.4	60.2	60.8	61.2	61.5	61.6	60.6
-85°	34.6	33.8	34.0	34.0	34.0	33.8	34.6	35.2	35.8	36.2	35.7
-87.5°	12.1	11.3	11.3	11.3	11.3	11.3	12.1	13.0	13.8	14.6	14.4
-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: P627199 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-727-U-NR-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°	14.2	13.9	13.7	13.4	13.1	12.7	12.4	12.0	11.6	11.1	10.7
85°	35.1	34.3	33.5	32.7	31.7	30.7	29.5	27.8	26.1	24.5	22.9
82.5°	59.5	58.2	56.8	55.3	53.6	51.8	49.8	47.2	44.2	41.0	37.7
80°	88.7	87.3	85.4	82.2	79.0	75.7	72.5	69.4	66.0	62.6	58.9
77.5°	122.8	120.7	117.8	112.8	107.7	102.4	97.4	93.1	89.0	84.6	80.0
75°	155.9	153.6	150.3	144.9	138.7	131.5	125.1	119.7	114.1	108.1	101.9
72.5°	187.9	185.0	181.4	176.8	171.6	165.2	157.2	148.8	140.6	132.9	125.6
70°	219.7	216.3	212.6	208.1	202.7	196.7	188.8	179.2	168.3	157.7	149.7
67.5°	253.1	248.5	244.7	240.9	236.0	229.8	220.8	210.9	200.1	187.9	176.5
65°	288.9	283.8	278.9	274.2	269.0	263.0	253.7	242.8	231.1	218.9	206.1
62.5°	324.6	321.1	315.4	308.7	301.7	294.1	285.4	274.7	262.2	248.0	233.9
60°	356.4	352.1	345.7	339.0	332.3	323.8	312.7	302.9	294.5	278.4	261.5
57.5°	383.7	378.7	371.0	363.9	357.3	347.3	336.1	325.0	314.0	302.9	288.4
55°	405.2	399.9	393.1	385.0	376.1	366.8	356.4	344.6	333.1	322.8	309.4
52.5°	426.2	420.9	414.4	406.5	397.0	386.1	374.8	363.0	352.2	341.7	329.6
50°	450.3	443.7	436.4	428.3	417.9	406.3	394.1	381.3	370.2	359.5	348.1
47.5°	480.2	470.6	460.0	450.3	438.9	426.1	413.0	400.3	388.1	375.4	364.0
45°	515.9	503.0	489.0	475.8	461.1	447.2	432.2	418.9	405.8	392.2	378.0
42.5°	561.3	541.7	523.5	505.6	487.2	470.4	453.4	437.9	423.1	408.6	393.3
40°	616.9	590.5	566.5	540.0	517.5	495.7	476.1	456.7	440.4	424.6	407.8
37.5°	685.1	650.7	617.9	583.7	553.5	524.8	500.4	478.0	456.7	439.5	421.8
35°	772.7	725.5	678.5	635.9	595.2	559.8	527.2	500.4	476.1	453.8	435.3
32.5°	890.8	824.1	752.7	698.0	644.3	597.9	559.0	524.8	495.7	470.4	448.1
30°	1064.6	955.2	857.0	770.0	702.4	642.4	591.7	552.1	517.5	487.2	461.1
27.5°	1313.7	1125.6	992.9	864.9	766.0	693.4	632.1	580.3	539.5	505.6	475.6
25°	1666.8	1381.3	1151.0	983.9	849.4	746.4	674.2	614.1	564.2	523.3	487.3
22.5°	2150.8	1718.5	1365.1	1111.6	945.6	817.4	720.0	647.4	586.8	538.8	499.6
20°	2862.8	2120.6	1642.0	1294.3	1053.6	885.5	767.6	682.3	612.2	554.9	510.4
17.5°	3707.8	2678.2	1945.0	1481.0	1180.0	972.9	822.9	714.4	635.3	569.0	519.2
15°	4608.4	3310.0	2368.4	1730.2	1309.2	1047.7	868.9	742.8	657.2	584.5	530.1
12.5°	5758.5	3991.2	2739.8	1938.3	1436.2	1129.2	922.3	778.8	678.8	601.2	541.5
10°	6846.6	4701.7	3191.8	2212.3	1590.8	1209.1	969.7	806.5	695.6	614.5	550.7
7.5°	7874.5	5384.7	3582.6	2420.9	1710.2	1272.7	1004.9	826.5	707.5	623.8	557.8
5°	8627.9	5893.1	3888.5	2581.8	1794.6	1318.8	1027.7	839.0	714.6	629.2	562.6
2.5°	9201.0	6229.9	4074.5	2676.1	1842.8	1346.0	1041.3	848.4	721.4	633.6	567.9
0°	9464.3	6360.0	4136.6	2726.2	1871.7	1353.7	1047.4	854.5	726.0	635.2	571.0
-2.5°	9201.0	6229.9	4074.5	2676.1	1842.8	1346.0	1041.3	848.4	721.4	633.6	567.9
-5°	8627.9	5893.1	3888.5	2581.8	1794.6	1318.8	1027.7	839.0	714.6	629.2	562.6
-7.5°	7874.5	5384.7	3582.6	2420.9	1710.2	1272.7	1004.9	826.5	707.5	623.8	557.8
-10°	6846.6	4701.7	3191.8	2212.3	1590.8	1209.1	969.7	806.5	695.6	614.5	550.7
-12.5°	5758.5	3991.2	2739.8	1938.3	1436.2	1129.2	922.3	778.8	678.8	601.2	541.5
-15°	4608.4	3310.0	2368.4	1730.2	1309.2	1047.7	868.9	742.8	657.2	584.5	530.1
-17.5°	3707.8	2678.2	1945.0	1481.0	1180.0	972.9	822.9	714.4	635.3	569.0	519.2
-20°	2862.8	2120.6	1642.0	1294.3	1053.6	885.5	767.6	682.3	612.2	554.9	510.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627199 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2150.8	1718.5	1365.1	1111.6	945.6	817.4	720.0	647.4	586.8	538.8	499.6
-25°	1666.8	1381.3	1151.0	983.9	849.4	746.4	674.2	614.1	564.2	523.3	487.3
-27.5°	1313.7	1125.6	992.9	864.9	766.0	693.4	632.1	580.3	539.5	505.6	475.6
-30°	1064.6	955.2	857.0	770.0	702.4	642.4	591.7	552.1	517.5	487.2	461.1
-32.5°	890.8	824.1	752.7	698.0	644.3	597.9	559.0	524.8	495.7	470.4	448.1
-35°	772.7	725.5	678.5	635.9	595.2	559.8	527.2	500.4	476.1	453.8	435.3
-37.5°	685.1	650.7	617.9	583.7	553.5	524.8	500.4	478.0	456.7	439.5	421.8
-40°	616.9	590.5	566.5	540.0	517.5	495.7	476.1	456.7	440.4	424.6	407.8
-42.5°	561.3	541.7	523.5	505.6	487.2	470.4	453.4	437.9	423.1	408.6	393.3
-45°	515.9	503.0	489.0	475.8	461.1	447.2	432.2	418.9	405.8	392.2	378.0
-47.5°	480.2	470.6	460.0	450.3	438.9	426.1	413.0	400.3	388.1	375.4	364.0
-50°	450.3	443.7	436.4	428.3	417.9	406.3	394.1	381.3	370.2	359.5	348.1
-52.5°	426.2	420.9	414.4	406.5	397.0	386.1	374.8	363.0	352.2	341.7	329.6
-55°	405.2	399.9	393.1	385.0	376.1	366.8	356.4	344.6	333.1	322.8	309.4
-57.5°	383.7	378.7	371.0	363.9	357.3	347.3	336.1	325.0	314.0	302.9	288.4
-60°	356.4	352.1	345.7	339.0	332.3	323.8	312.7	302.9	294.5	278.4	261.5
-62.5°	324.6	321.1	315.4	308.7	301.7	294.1	285.4	274.7	262.2	248.0	233.9
-65°	288.9	283.8	278.9	274.2	269.0	263.0	253.7	242.8	231.1	218.9	206.1
-67.5°	253.1	248.5	244.7	240.9	236.0	229.8	220.8	210.9	200.1	187.9	176.5
-70°	219.7	216.3	212.6	208.1	202.7	196.7	188.8	179.2	168.3	157.7	149.7
-72.5°	187.9	185.0	181.4	176.8	171.6	165.2	157.2	148.8	140.6	132.9	125.6
-75°	155.9	153.6	150.3	144.9	138.7	131.5	125.1	119.7	114.1	108.1	101.9
-77.5°	122.8	120.7	117.8	112.8	107.7	102.4	97.4	93.1	89.0	84.6	80.0
-80°	88.7	87.3	85.4	82.2	79.0	75.7	72.5	69.4	66.0	62.6	58.9
-82.5°	59.5	58.2	56.8	55.3	53.6	51.8	49.8	47.2	44.2	41.0	37.7
-85°	35.1	34.3	33.5	32.7	31.7	30.7	29.5	27.8	26.1	24.5	22.9
-87.5°	14.2	13.9	13.7	13.4	13.1	12.7	12.4	12.0	11.6	11.1	10.7
-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: P627199 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-727-U-NR-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°	10.2	9.7	9.2	8.7	8.1	7.5	7.0	6.4	5.8	5.2	4.5
85°	22.1	21.0	19.8	18.4	16.8	15.1	13.9	12.7	11.5	10.3	9.1
82.5°	35.7	34.4	33.1	31.4	28.9	26.4	23.8	21.1	18.4	15.6	13.6
80°	55.4	52.0	48.7	45.4	41.5	37.6	34.2	30.6	27.0	23.3	19.6
77.5°	75.3	70.3	65.2	60.4	55.6	50.7	45.6	40.4	35.5	30.9	26.3
75°	95.5	89.4	83.2	76.8	70.3	63.6	57.6	51.4	45.1	38.6	32.9
72.5°	118.0	110.1	102.0	93.7	86.0	78.2	70.1	62.2	54.8	47.4	39.8
70°	141.4	131.7	122.0	112.7	102.9	92.6	83.5	74.1	64.6	56.0	47.4
67.5°	166.0	156.1	144.7	132.3	121.2	109.6	97.2	86.1	75.4	64.6	54.8
65°	192.9	180.5	168.7	154.4	140.4	126.9	113.4	98.8	86.1	74.1	62.2
62.5°	219.3	204.3	190.1	175.4	160.2	144.6	129.4	113.0	97.1	83.5	70.1
60°	245.3	228.8	211.1	194.4	178.5	162.2	144.8	126.8	109.3	92.6	78.2
57.5°	270.1	252.7	232.7	213.2	195.3	178.2	159.7	140.1	121.1	102.7	86.0
55°	293.1	273.7	253.0	231.8	211.6	192.9	173.7	153.0	132.5	112.7	93.5
52.5°	314.3	294.1	271.9	249.4	227.4	207.1	186.8	165.3	143.5	122.3	101.6
50°	334.1	314.3	290.7	266.6	242.4	220.9	199.7	177.1	153.9	131.6	109.6
47.5°	351.2	332.4	309.6	283.5	257.8	234.6	212.3	188.7	163.9	140.3	117.3
45°	365.1	349.2	327.2	301.0	273.4	248.9	224.7	200.0	174.0	148.7	124.6
42.5°	378.1	363.2	343.4	318.1	289.5	262.9	236.8	211.0	183.9	156.8	131.7
40°	391.4	375.6	358.5	333.0	304.6	276.3	249.0	221.7	193.5	164.7	138.4
37.5°	403.7	387.3	370.0	346.8	318.1	289.0	260.7	232.1	202.4	172.6	144.7
35°	416.3	397.9	380.0	357.7	329.9	300.6	271.8	242.0	210.8	180.0	150.7
32.5°	428.3	407.7	388.4	366.5	340.6	310.9	281.8	250.7	218.6	186.7	156.4
30°	439.2	416.9	396.5	375.1	349.8	320.0	290.2	258.6	226.0	192.9	161.7
27.5°	447.9	424.5	404.1	382.4	357.1	328.1	297.6	265.7	232.7	198.7	166.7
25°	456.7	431.5	410.3	389.1	364.0	336.4	304.5	271.9	238.6	204.1	171.2
22.5°	466.3	438.1	415.1	395.5	371.0	344.2	311.0	277.4	243.7	209.0	175.2
20°	474.9	443.7	418.7	400.5	376.6	350.1	317.2	282.3	248.1	213.3	178.7
17.5°	482.4	449.8	423.4	403.5	381.0	355.2	322.9	286.7	251.8	217.1	181.7
15°	490.2	456.1	427.6	405.9	384.5	359.4	328.1	290.5	254.9	220.2	184.4
12.5°	497.2	461.3	431.0	407.7	387.2	362.9	332.7	293.6	257.2	222.9	186.8
10°	503.0	465.2	433.5	409.0	389.1	365.5	336.6	296.6	259.7	225.0	188.9
7.5°	507.6	468.0	435.2	409.7	390.4	367.6	339.9	300.1	261.8	226.4	190.6
5°	510.9	470.2	437.7	412.0	391.9	369.3	342.3	302.9	263.4	227.2	191.8
2.5°	513.4	472.0	440.5	414.2	392.9	370.3	343.7	305.0	264.4	227.3	192.5
0°	514.2	472.6	442.4	415.9	393.2	370.6	344.1	306.3	264.7	226.9	192.8
-2.5°	513.4	472.0	440.5	414.2	392.9	370.3	343.7	305.0	264.4	227.3	192.5
-5°	510.9	470.2	437.7	412.0	391.9	369.3	342.3	302.9	263.4	227.2	191.8
-7.5°	507.6	468.0	435.2	409.7	390.4	367.6	339.9	300.1	261.8	226.4	190.6
-10°	503.0	465.2	433.5	409.0	389.1	365.5	336.6	296.6	259.7	225.0	188.9
-12.5°	497.2	461.3	431.0	407.7	387.2	362.9	332.7	293.6	257.2	222.9	186.8
-15°	490.2	456.1	427.6	405.9	384.5	359.4	328.1	290.5	254.9	220.2	184.4
-17.5°	482.4	449.8	423.4	403.5	381.0	355.2	322.9	286.7	251.8	217.1	181.7
-20°	474.9	443.7	418.7	400.5	376.6	350.1	317.2	282.3	248.1	213.3	178.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627199 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	466.3	438.1	415.1	395.5	371.0	344.2	311.0	277.4	243.7	209.0	175.2
-25°	456.7	431.5	410.3	389.1	364.0	336.4	304.5	271.9	238.6	204.1	171.2
-27.5°	447.9	424.5	404.1	382.4	357.1	328.1	297.6	265.7	232.7	198.7	166.7
-30°	439.2	416.9	396.5	375.1	349.8	320.0	290.2	258.6	226.0	192.9	161.7
-32.5°	428.3	407.7	388.4	366.5	340.6	310.9	281.8	250.7	218.6	186.7	156.4
-35°	416.3	397.9	380.0	357.7	329.9	300.6	271.8	242.0	210.8	180.0	150.7
-37.5°	403.7	387.3	370.0	346.8	318.1	289.0	260.7	232.1	202.4	172.6	144.7
-40°	391.4	375.6	358.5	333.0	304.6	276.3	249.0	221.7	193.5	164.7	138.4
-42.5°	378.1	363.2	343.4	318.1	289.5	262.9	236.8	211.0	183.9	156.8	131.7
-45°	365.1	349.2	327.2	301.0	273.4	248.9	224.7	200.0	174.0	148.7	124.6
-47.5°	351.2	332.4	309.6	283.5	257.8	234.6	212.3	188.7	163.9	140.3	117.3
-50°	334.1	314.3	290.7	266.6	242.4	220.9	199.7	177.1	153.9	131.6	109.6
-52.5°	314.3	294.1	271.9	249.4	227.4	207.1	186.8	165.3	143.5	122.3	101.6
-55°	293.1	273.7	253.0	231.8	211.6	192.9	173.7	153.0	132.5	112.7	93.5
-57.5°	270.1	252.7	232.7	213.2	195.3	178.2	159.7	140.1	121.1	102.7	86.0
-60°	245.3	228.8	211.1	194.4	178.5	162.2	144.8	126.8	109.3	92.6	78.2
-62.5°	219.3	204.3	190.1	175.4	160.2	144.6	129.4	113.0	97.1	83.5	70.1
-65°	192.9	180.5	168.7	154.4	140.4	126.9	113.4	98.8	86.1	74.1	62.2
-67.5°	166.0	156.1	144.7	132.3	121.2	109.6	97.2	86.1	75.4	64.6	54.8
-70°	141.4	131.7	122.0	112.7	102.9	92.6	83.5	74.1	64.6	56.0	47.4
-72.5°	118.0	110.1	102.0	93.7	86.0	78.2	70.1	62.2	54.8	47.4	39.8
-75°	95.5	89.4	83.2	76.8	70.3	63.6	57.6	51.4	45.1	38.6	32.9
-77.5°	75.3	70.3	65.2	60.4	55.6	50.7	45.6	40.4	35.5	30.9	26.3
-80°	55.4	52.0	48.7	45.4	41.5	37.6	34.2	30.6	27.0	23.3	19.6
-82.5°	35.7	34.4	33.1	31.4	28.9	26.4	23.8	21.1	18.4	15.6	13.6
-85°	22.1	21.0	19.8	18.4	16.8	15.1	13.9	12.7	11.5	10.3	9.1
-87.5°	10.2	9.7	9.2	8.7	8.1	7.5	7.0	6.4	5.8	5.2	4.5
-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: P627199 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-727-U-NR-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°	3.9	3.3	2.6	2.0	1.3	0.6	0.0
85°	7.8	6.5	5.2	3.9	2.6	1.1	0.0
82.5°	11.7	9.8	7.8	5.9	3.9	1.7	0.0
80°	15.8	13.0	10.4	7.8	5.2	2.3	0.0
77.5°	21.5	16.7	13.0	9.8	6.5	2.8	0.0
75°	27.2	21.2	15.7	11.7	7.7	3.4	0.0
72.5°	32.7	25.7	19.2	13.6	9.0	3.9	0.0
70°	38.3	30.1	22.5	15.6	10.2	4.5	0.0
67.5°	44.6	34.4	25.9	18.0	11.3	5.0	0.0
65°	50.9	39.0	29.1	20.3	12.5	5.5	0.0
62.5°	56.9	44.1	32.2	22.6	13.5	6.0	0.0
60°	62.9	49.1	35.2	24.8	14.6	6.5	0.0
57.5°	69.4	53.9	39.1	26.9	15.9	6.9	0.0
55°	75.8	58.6	42.8	29.0	17.3	7.4	0.0
52.5°	82.1	63.3	46.4	31.0	18.6	7.8	0.0
50°	88.1	68.3	50.0	32.9	19.8	8.2	0.0
47.5°	94.0	73.1	53.3	34.8	21.1	8.6	0.0
45°	100.3	77.7	56.6	37.3	22.3	8.9	0.0
42.5°	106.3	82.2	59.7	39.6	23.4	9.3	0.0
40°	112.1	86.4	62.8	41.8	24.5	9.6	0.0
37.5°	117.5	90.4	66.0	44.0	25.6	9.9	0.0
35°	122.7	94.5	69.0	46.1	26.6	10.1	0.0
32.5°	127.5	98.4	71.8	48.0	27.5	10.4	0.0
30°	132.0	102.2	74.4	49.8	28.4	10.6	0.0
27.5°	136.1	105.6	76.9	51.5	29.3	10.8	0.0
25°	139.9	108.7	79.3	53.0	30.0	11.0	0.0
22.5°	143.3	111.6	81.4	54.4	30.8	11.1	0.0
20°	146.3	114.0	83.3	55.7	31.4	11.2	0.0
17.5°	148.9	116.1	85.1	56.8	32.0	11.3	0.0
15°	150.9	117.8	86.5	57.8	32.5	11.4	0.0
12.5°	152.6	119.2	87.8	58.6	33.0	11.4	0.0
10°	153.9	120.2	88.8	59.3	33.3	11.5	0.0
7.5°	154.7	120.9	89.7	59.8	33.6	11.4	0.0
5°	155.2	121.2	90.2	60.2	33.8	11.4	0.0
2.5°	155.3	121.3	90.6	60.4	34.0	11.4	0.0
0°	155.0	121.0	90.7	60.5	34.0	11.3	0.0
-2.5°	155.3	121.3	90.6	60.4	34.0	11.4	0.0
-5°	155.2	121.2	90.2	60.2	33.8	11.4	0.0
-7.5°	154.7	120.9	89.7	59.8	33.6	11.4	0.0
-10°	153.9	120.2	88.8	59.3	33.3	11.5	0.0
-12.5°	152.6	119.2	87.8	58.6	33.0	11.4	0.0
-15°	150.9	117.8	86.5	57.8	32.5	11.4	0.0
-17.5°	148.9	116.1	85.1	56.8	32.0	11.3	0.0
-20°	146.3	114.0	83.3	55.7	31.4	11.2	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627199 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	143.3	111.6	81.4	54.4	30.8	11.1	0.0
-25°	139.9	108.7	79.3	53.0	30.0	11.0	0.0
-27.5°	136.1	105.6	76.9	51.5	29.3	10.8	0.0
-30°	132.0	102.2	74.4	49.8	28.4	10.6	0.0
-32.5°	127.5	98.4	71.8	48.0	27.5	10.4	0.0
-35°	122.7	94.5	69.0	46.1	26.6	10.1	0.0
-37.5°	117.5	90.4	66.0	44.0	25.6	9.9	0.0
-40°	112.1	86.4	62.8	41.8	24.5	9.6	0.0
-42.5°	106.3	82.2	59.7	39.6	23.4	9.3	0.0
-45°	100.3	77.7	56.6	37.3	22.3	8.9	0.0
-47.5°	94.0	73.1	53.3	34.8	21.1	8.6	0.0
-50°	88.1	68.3	50.0	32.9	19.8	8.2	0.0
-52.5°	82.1	63.3	46.4	31.0	18.6	7.8	0.0
-55°	75.8	58.6	42.8	29.0	17.3	7.4	0.0
-57.5°	69.4	53.9	39.1	26.9	15.9	6.9	0.0
-60°	62.9	49.1	35.2	24.8	14.6	6.5	0.0
-62.5°	56.9	44.1	32.2	22.6	13.5	6.0	0.0
-65°	50.9	39.0	29.1	20.3	12.5	5.5	0.0
-67.5°	44.6	34.4	25.9	18.0	11.3	5.0	0.0
-70°	38.3	30.1	22.5	15.6	10.2	4.5	0.0
-72.5°	32.7	25.7	19.2	13.6	9.0	3.9	0.0
-75°	27.2	21.2	15.7	11.7	7.7	3.4	0.0
-77.5°	21.5	16.7	13.0	9.8	6.5	2.8	0.0
-80°	15.8	13.0	10.4	7.8	5.2	2.3	0.0
-82.5°	11.7	9.8	7.8	5.9	3.9	1.7	0.0
-85°	7.8	6.5	5.2	3.9	2.6	1.1	0.0
-87.5°	3.9	3.3	2.6	2.0	1.3	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)