

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: P627225 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3D-740-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627225 (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-740-U-MR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N76
Light Source: (48) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

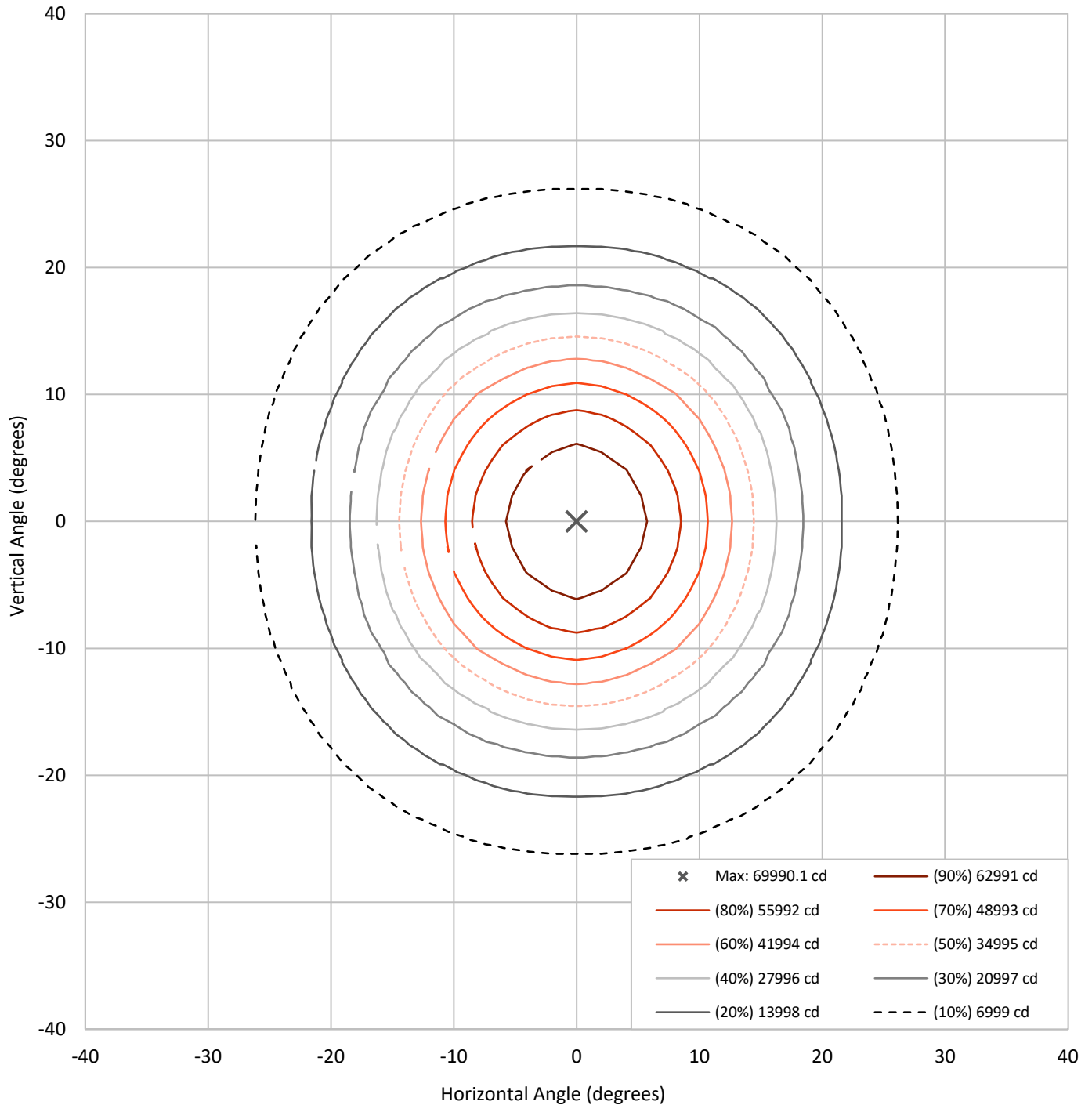
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	21867.3 lumens	Max Intensity:	69990.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	136.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	10631.6 lumens	Field Lumens:	17941.8 lumens
Beam Efficiency:	48.6%	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: P627225 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-740-U-MR-XX

Iso-Candela Plot





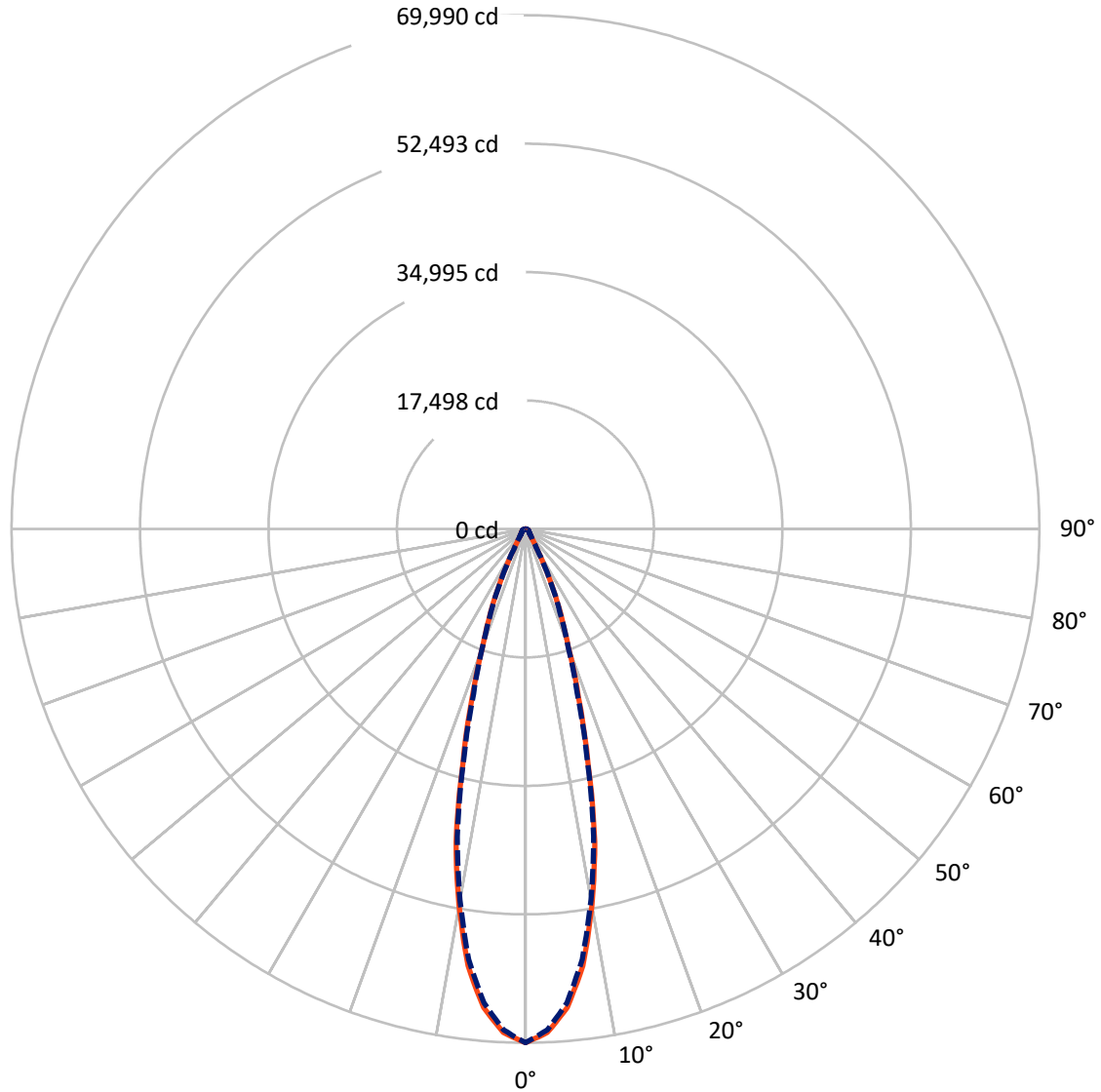
REPORT NUMBER: P627225 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-740-U-MR-XX

Lumen Table

90																			
80	0.4	3.6		9.5		15.0		16.7		15.0		9.5		3.6		0.4			
70																			
60	1.6	1.9	3.8	6.2	8.6	10.6	11.8	12.4	12.4	11.8	10.6	8.6	6.2	3.8	1.9	1.6			
50		2.8	5.7	9.1	12.2	15.0	16.9	17.5	17.5	16.9	15.0	12.2	9.1	5.7	2.8				
40	2.9	3.6	7.3	11.3	15.0	18.9	22.3	23.9	23.9	22.3	18.9	15.0	11.3	7.3	3.6	2.9			
30		4.2	8.5	13.0	18.4	26.2	37.9	49.2	49.2	37.9	26.2	18.4	13.0	8.5	4.2				
20	3.7	4.7	9.3	14.6	23.5	51.1	143.9	255.3	255.3	143.9	51.1	23.5	14.6	9.3	4.7	3.7			
10		5.1	9.8	15.9	32.0	134.2	478.3	916.6	916.6	478.3	134.2	32.0	15.9	9.8	5.1				
0	4.0	5.3	9.9	16.7	40.7	231.7	885.4	1741.5	1741.5	885.4	231.7	40.7	16.7	9.9	5.3	4.0			
-10		5.3	9.9	16.7	40.7	231.7	885.4	1741.5	1741.5	885.4	231.7	40.7	16.7	9.9	5.3				
-20	3.7	5.1	9.8	15.9	32.0	134.2	478.3	916.6	916.6	478.3	134.2	32.0	15.9	9.8	5.1	3.7			
-30		4.7	9.3	14.6	23.5	51.1	143.9	255.3	255.3	143.9	51.1	23.5	14.6	9.3	4.7				
-40	2.9	4.2	8.5	13.0	18.4	26.2	37.9	49.2	49.2	37.9	26.2	18.4	13.0	8.5	4.2	2.9			
-50		3.6	7.3	11.3	15.0	18.9	22.3	23.9	23.9	22.3	18.9	15.0	11.3	7.3	3.6				
-60	1.6	2.8	5.7	9.1	12.2	15.0	16.9	17.5	17.5	16.9	15.0	12.2	9.1	5.7	2.8	1.6			
-70		1.9	3.8	6.2	8.6	10.6	11.8	12.4	12.4	11.8	10.6	8.6	6.2	3.8	1.9				
-80																			
-90	0.4	3.6		9.5		15.0		16.7		15.0		9.5		3.6		0.4			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P627225 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3D-740-U-MR-XX

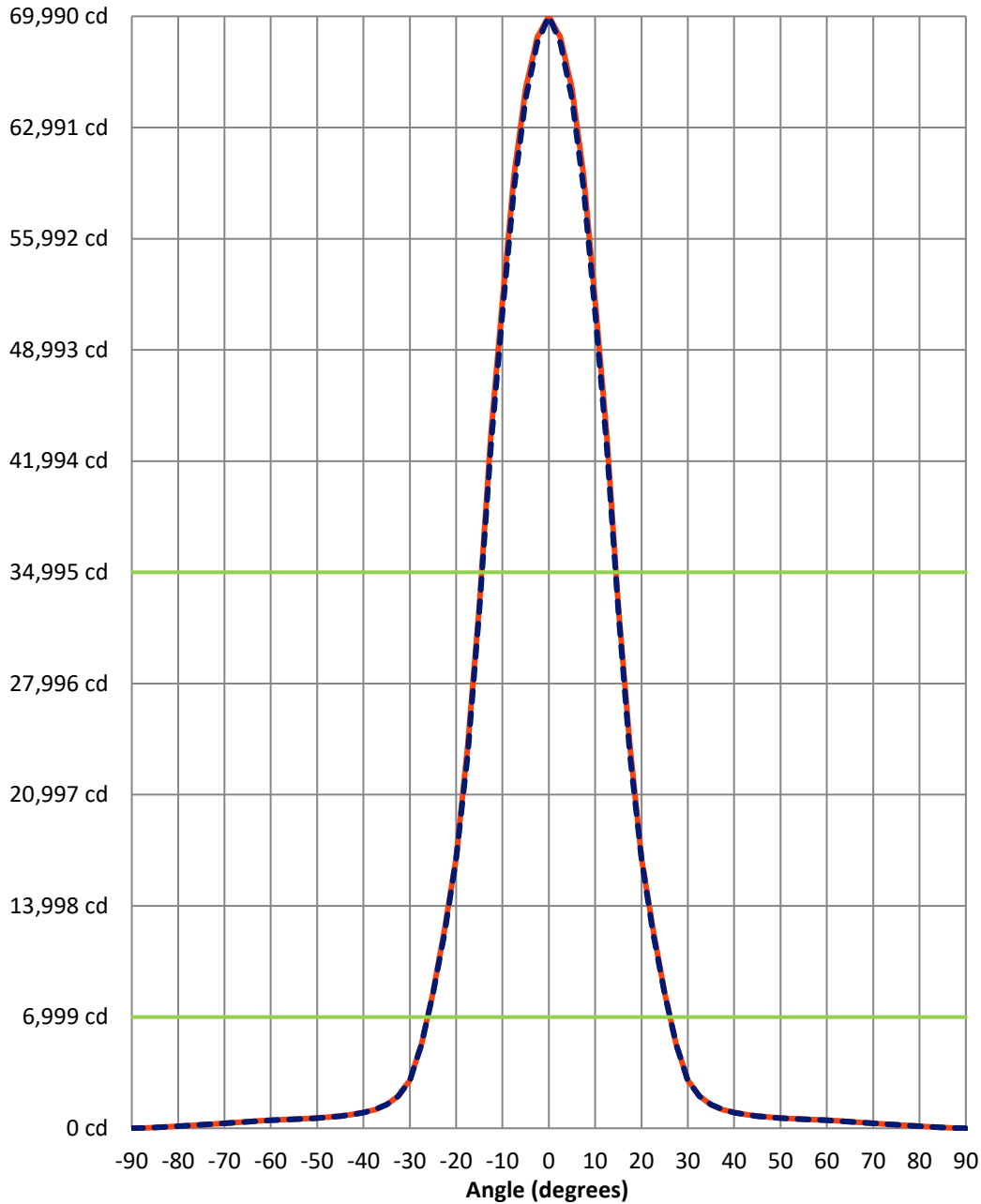
Luminous Intensity Polar Plot



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

REPORT NUMBER: P627225 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-740-U-MR-XX

Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 10631.6
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 17941.8
 Efficiency: 82.0%

Spill:
 Lumens: 3925.5
 Efficiency: 18.0%

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



REPORT NUMBER: P627225 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-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	2.3	3.1	3.9	4.7	5.4	6.2	6.9	7.6
85°	0.0	1.6	3.1	4.7	6.2	7.8	9.3	10.8	12.3	13.8	15.2
82.5°	0.0	2.3	4.7	7.0	9.4	11.7	13.9	16.2	18.8	23.0	27.5
80°	0.0	3.1	6.2	9.4	12.4	15.5	19.0	24.4	30.1	36.2	42.4
77.5°	0.0	3.9	7.8	11.7	15.5	20.3	26.9	33.9	41.4	49.1	57.7
75°	0.0	4.7	9.3	13.9	19.0	26.9	34.8	43.3	52.6	63.5	74.2
72.5°	0.0	5.4	10.8	16.2	24.2	33.5	42.7	53.2	65.9	78.4	90.6
70°	0.0	6.2	12.3	18.7	29.4	39.9	50.7	64.7	78.9	93.0	108.3
67.5°	0.0	6.9	13.8	22.6	34.5	46.3	60.5	76.0	91.9	109.1	126.1
65°	0.0	7.6	15.2	26.3	39.5	53.4	70.1	87.1	105.9	124.9	144.0
62.5°	0.0	8.3	16.6	30.0	44.4	61.3	79.6	98.8	119.7	140.5	162.4
60°	0.0	9.0	18.0	33.6	49.2	69.0	88.9	110.6	133.2	156.3	180.2
57.5°	0.0	9.7	20.3	37.1	55.1	76.6	98.6	122.2	146.5	171.6	197.9
55°	0.0	10.3	22.6	40.5	61.0	83.9	108.0	133.4	159.5	186.6	215.2
52.5°	0.0	11.0	24.8	43.8	66.7	91.1	117.2	144.2	171.9	201.8	232.1
50°	0.0	11.6	26.9	47.0	72.2	98.3	125.9	154.7	184.2	216.4	247.6
47.5°	0.0	12.2	29.0	50.4	77.5	105.3	134.3	164.9	196.7	230.6	262.4
45°	0.0	12.7	31.0	54.2	82.7	111.9	142.7	174.6	208.8	243.0	276.3
42.5°	0.0	13.3	32.9	57.9	87.6	118.2	150.6	184.3	220.3	254.8	289.1
40°	0.0	13.8	34.7	61.3	92.3	124.1	158.2	193.7	230.8	265.8	301.3
37.5°	0.0	14.3	36.4	64.5	96.7	129.6	165.4	202.6	240.2	276.4	312.8
35°	0.0	14.7	38.0	67.6	100.9	135.1	172.2	210.8	249.0	286.4	323.5
32.5°	0.0	15.2	39.5	70.3	104.9	140.4	178.6	218.5	257.3	295.7	334.0
30°	0.0	15.6	41.0	72.9	108.5	145.3	184.7	225.4	265.0	304.4	343.7
27.5°	0.0	16.0	42.3	75.2	111.7	149.9	190.3	231.5	272.0	312.4	352.6
25°	0.0	16.3	43.5	77.3	114.8	154.0	195.3	237.1	278.5	319.7	360.8
22.5°	0.0	16.6	44.6	79.1	117.6	157.8	199.8	242.1	284.2	326.3	369.0
20°	0.0	16.9	45.6	80.8	120.1	161.0	203.7	246.6	289.4	332.1	376.3
17.5°	0.0	17.2	46.5	82.1	122.4	163.8	207.3	250.5	293.8	337.1	382.7
15°	0.0	17.4	47.3	83.3	124.4	166.2	210.5	254.0	297.6	341.4	388.1
12.5°	0.0	17.6	47.9	84.2	126.2	168.0	213.3	257.4	301.1	344.9	392.5
10°	0.0	17.7	48.4	84.9	127.6	169.4	215.7	260.2	304.3	349.1	396.6
7.5°	0.0	17.8	48.9	85.3	128.8	170.4	217.6	262.3	306.8	352.8	401.2
5°	0.0	17.9	49.2	85.6	129.6	170.9	219.0	263.9	308.6	355.8	404.7
2.5°	0.0	18.0	49.3	85.6	130.1	171.0	219.8	264.8	309.6	358.0	407.2
0°	0.0	18.0	49.4	85.4	130.3	170.7	220.1	265.1	310.0	359.4	408.8
-2.5°	0.0	18.0	49.3	85.6	130.1	171.0	219.8	264.8	309.6	358.0	407.2
-5°	0.0	17.9	49.2	85.6	129.6	170.9	219.0	263.9	308.6	355.8	404.7
-7.5°	0.0	17.8	48.9	85.3	128.8	170.4	217.6	262.3	306.8	352.8	401.2
-10°	0.0	17.7	48.4	84.9	127.6	169.4	215.7	260.2	304.3	349.1	396.6
-12.5°	0.0	17.6	47.9	84.2	126.2	168.0	213.3	257.4	301.1	344.9	392.5
-15°	0.0	17.4	47.3	83.3	124.4	166.2	210.5	254.0	297.6	341.4	388.1
-17.5°	0.0	17.2	46.5	82.1	122.4	163.8	207.3	250.5	293.8	337.1	382.7
-20°	0.0	16.9	45.6	80.8	120.1	161.0	203.7	246.6	289.4	332.1	376.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627225 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-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	16.6	44.6	79.1	117.6	157.8	199.8	242.1	284.2	326.3	369.0
-25°	0.0	16.3	43.5	77.3	114.8	154.0	195.3	237.1	278.5	319.7	360.8
-27.5°	0.0	16.0	42.3	75.2	111.7	149.9	190.3	231.5	272.0	312.4	352.6
-30°	0.0	15.6	41.0	72.9	108.5	145.3	184.7	225.4	265.0	304.4	343.7
-32.5°	0.0	15.2	39.5	70.3	104.9	140.4	178.6	218.5	257.3	295.7	334.0
-35°	0.0	14.7	38.0	67.6	100.9	135.1	172.2	210.8	249.0	286.4	323.5
-37.5°	0.0	14.3	36.4	64.5	96.7	129.6	165.4	202.6	240.2	276.4	312.8
-40°	0.0	13.8	34.7	61.3	92.3	124.1	158.2	193.7	230.8	265.8	301.3
-42.5°	0.0	13.3	32.9	57.9	87.6	118.2	150.6	184.3	220.3	254.8	289.1
-45°	0.0	12.7	31.0	54.2	82.7	111.9	142.7	174.6	208.8	243.0	276.3
-47.5°	0.0	12.2	29.0	50.4	77.5	105.3	134.3	164.9	196.7	230.6	262.4
-50°	0.0	11.6	26.9	47.0	72.2	98.3	125.9	154.7	184.2	216.4	247.6
-52.5°	0.0	11.0	24.8	43.8	66.7	91.1	117.2	144.2	171.9	201.8	232.1
-55°	0.0	10.3	22.6	40.5	61.0	83.9	108.0	133.4	159.5	186.6	215.2
-57.5°	0.0	9.7	20.3	37.1	55.1	76.6	98.6	122.2	146.5	171.6	197.9
-60°	0.0	9.0	18.0	33.6	49.2	69.0	88.9	110.6	133.2	156.3	180.2
-62.5°	0.0	8.3	16.6	30.0	44.4	61.3	79.6	98.8	119.7	140.5	162.4
-65°	0.0	7.6	15.2	26.3	39.5	53.4	70.1	87.1	105.9	124.9	144.0
-67.5°	0.0	6.9	13.8	22.6	34.5	46.3	60.5	76.0	91.9	109.1	126.1
-70°	0.0	6.2	12.3	18.7	29.4	39.9	50.7	64.7	78.9	93.0	108.3
-72.5°	0.0	5.4	10.8	16.2	24.2	33.5	42.7	53.2	65.9	78.4	90.6
-75°	0.0	4.7	9.3	13.9	19.0	26.9	34.8	43.3	52.6	63.5	74.2
-77.5°	0.0	3.9	7.8	11.7	15.5	20.3	26.9	33.9	41.4	49.1	57.7
-80°	0.0	3.1	6.2	9.4	12.4	15.5	19.0	24.4	30.1	36.2	42.4
-82.5°	0.0	2.3	4.7	7.0	9.4	11.7	13.9	16.2	18.8	23.0	27.5
-85°	0.0	1.6	3.1	4.7	6.2	7.8	9.3	10.8	12.3	13.8	15.2
-87.5°	0.0	0.8	1.6	2.3	3.1	3.9	4.7	5.4	6.2	6.9	7.6
-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: P627225 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3D-740-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°	8.3	9.0	9.7	10.3	11.0	11.6	12.2	12.7	13.3	13.8	14.3
85°	16.6	18.0	20.6	23.2	25.8	28.2	30.6	32.8	35.0	37.1	39.0
82.5°	31.7	35.8	39.8	43.8	47.5	51.2	54.8	58.2	61.4	64.5	67.5
80°	48.1	53.6	59.2	64.3	69.3	74.2	78.9	83.5	87.8	92.5	97.4
77.5°	65.5	72.6	79.0	84.8	91.2	98.8	106.2	113.3	120.1	126.6	132.8
75°	83.5	91.5	100.3	108.9	118.0	127.2	136.1	144.7	153.0	161.6	170.2
72.5°	102.3	113.2	123.9	134.1	145.5	156.7	166.9	176.2	186.8	198.4	209.1
70°	122.4	135.0	148.3	161.5	174.4	186.8	199.5	212.3	225.1	237.7	249.6
67.5°	142.5	158.3	173.7	188.7	203.3	218.2	233.3	248.7	263.5	277.7	291.5
65°	163.9	181.6	198.8	215.6	231.9	250.0	267.9	285.1	303.9	321.4	336.5
62.5°	184.8	204.5	223.5	242.5	262.3	282.5	303.1	324.7	347.2	363.3	377.2
60°	204.8	227.1	248.3	270.1	292.2	314.8	338.6	361.7	382.1	399.8	414.5
57.5°	224.4	249.3	272.8	296.5	320.6	346.4	372.6	396.1	415.2	432.3	448.3
55°	243.3	271.0	296.0	321.2	348.6	378.9	405.6	427.0	446.5	460.5	475.9
52.5°	261.4	290.9	317.2	345.4	376.7	408.1	434.8	455.5	471.8	486.4	501.4
50°	278.6	308.4	337.5	369.5	402.7	434.2	461.2	480.2	496.6	511.7	526.2
47.5°	294.3	325.2	358.1	392.4	427.0	458.1	484.0	503.3	520.4	536.0	551.8
45°	309.1	342.3	377.2	414.7	450.3	481.1	504.6	525.4	541.8	559.3	579.2
42.5°	323.2	358.7	396.6	436.6	472.8	501.0	523.8	543.8	562.7	583.8	605.9
40°	337.0	374.0	415.0	457.0	494.0	518.4	541.2	562.4	584.2	608.1	632.3
37.5°	349.9	389.6	432.2	476.1	509.5	534.9	558.5	582.1	606.5	632.3	662.3
35°	361.8	404.0	448.7	491.1	523.2	550.9	576.2	601.7	629.2	660.6	693.7
32.5°	373.4	417.2	464.0	503.8	535.7	565.3	593.2	622.1	653.5	688.1	726.0
30°	384.7	430.0	477.4	516.7	546.8	577.1	609.8	642.0	676.9	715.4	759.8
27.5°	395.7	441.9	488.6	526.9	556.6	587.4	622.5	661.6	699.8	741.9	793.4
25°	405.8	454.1	499.7	534.9	565.0	597.2	633.9	675.6	720.5	770.5	833.6
22.5°	415.4	465.2	510.2	541.8	572.0	605.9	645.3	689.4	738.2	796.2	873.3
20°	424.3	473.8	517.2	548.1	577.8	612.8	655.2	701.6	757.3	827.5	919.8
17.5°	432.1	481.0	522.0	553.3	583.9	619.9	663.6	711.8	774.5	855.3	964.4
15°	438.8	487.0	526.2	557.3	589.1	627.2	672.2	724.8	793.4	882.4	1003.0
12.5°	444.3	491.7	529.7	560.1	593.1	632.6	679.5	737.3	812.2	912.0	1055.0
10°	448.6	495.1	532.5	561.9	595.9	636.2	685.3	747.0	827.5	936.8	1099.5
7.5°	452.8	498.1	534.4	562.7	597.6	637.9	689.3	753.8	838.7	955.4	1135.0
5°	455.9	500.9	535.6	564.4	598.6	638.7	692.1	757.8	845.6	967.6	1160.1
2.5°	457.6	502.6	535.6	565.6	598.7	639.0	695.3	760.0	853.4	978.0	1174.4
0°	458.2	503.2	534.6	566.1	597.5	637.9	696.4	759.2	858.1	983.9	1177.1
-2.5°	457.6	502.6	535.6	565.6	598.7	639.0	695.3	760.0	853.4	978.0	1174.4
-5°	455.9	500.9	535.6	564.4	598.6	638.7	692.1	757.8	845.6	967.6	1160.1
-7.5°	452.8	498.1	534.4	562.7	597.6	637.9	689.3	753.8	838.7	955.4	1135.0
-10°	448.6	495.1	532.5	561.9	595.9	636.2	685.3	747.0	827.5	936.8	1099.5
-12.5°	444.3	491.7	529.7	560.1	593.1	632.6	679.5	737.3	812.2	912.0	1055.0
-15°	438.8	487.0	526.2	557.3	589.1	627.2	672.2	724.8	793.4	882.4	1003.0
-17.5°	432.1	481.0	522.0	553.3	583.9	619.9	663.6	711.8	774.5	855.3	964.4
-20°	424.3	473.8	517.2	548.1	577.8	612.8	655.2	701.6	757.3	827.5	919.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627225 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-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°	415.4	465.2	510.2	541.8	572.0	605.9	645.3	689.4	738.2	796.2	873.3
-25°	405.8	454.1	499.7	534.9	565.0	597.2	633.9	675.6	720.5	770.5	833.6
-27.5°	395.7	441.9	488.6	526.9	556.6	587.4	622.5	661.6	699.8	741.9	793.4
-30°	384.7	430.0	477.4	516.7	546.8	577.1	609.8	642.0	676.9	715.4	759.8
-32.5°	373.4	417.2	464.0	503.8	535.7	565.3	593.2	622.1	653.5	688.1	726.0
-35°	361.8	404.0	448.7	491.1	523.2	550.9	576.2	601.7	629.2	660.6	693.7
-37.5°	349.9	389.6	432.2	476.1	509.5	534.9	558.5	582.1	606.5	632.3	662.3
-40°	337.0	374.0	415.0	457.0	494.0	518.4	541.2	562.4	584.2	608.1	632.3
-42.5°	323.2	358.7	396.6	436.6	472.8	501.0	523.8	543.8	562.7	583.8	605.9
-45°	309.1	342.3	377.2	414.7	450.3	481.1	504.6	525.4	541.8	559.3	579.2
-47.5°	294.3	325.2	358.1	392.4	427.0	458.1	484.0	503.3	520.4	536.0	551.8
-50°	278.6	308.4	337.5	369.5	402.7	434.2	461.2	480.2	496.6	511.7	526.2
-52.5°	261.4	290.9	317.2	345.4	376.7	408.1	434.8	455.5	471.8	486.4	501.4
-55°	243.3	271.0	296.0	321.2	348.6	378.9	405.6	427.0	446.5	460.5	475.9
-57.5°	224.4	249.3	272.8	296.5	320.6	346.4	372.6	396.1	415.2	432.3	448.3
-60°	204.8	227.1	248.3	270.1	292.2	314.8	338.6	361.7	382.1	399.8	414.5
-62.5°	184.8	204.5	223.5	242.5	262.3	282.5	303.1	324.7	347.2	363.3	377.2
-65°	163.9	181.6	198.8	215.6	231.9	250.0	267.9	285.1	303.9	321.4	336.5
-67.5°	142.5	158.3	173.7	188.7	203.3	218.2	233.3	248.7	263.5	277.7	291.5
-70°	122.4	135.0	148.3	161.5	174.4	186.8	199.5	212.3	225.1	237.7	249.6
-72.5°	102.3	113.2	123.9	134.1	145.5	156.7	166.9	176.2	186.8	198.4	209.1
-75°	83.5	91.5	100.3	108.9	118.0	127.2	136.1	144.7	153.0	161.6	170.2
-77.5°	65.5	72.6	79.0	84.8	91.2	98.8	106.2	113.3	120.1	126.6	132.8
-80°	48.1	53.6	59.2	64.3	69.3	74.2	78.9	83.5	87.8	92.5	97.4
-82.5°	31.7	35.8	39.8	43.8	47.5	51.2	54.8	58.2	61.4	64.5	67.5
-85°	16.6	18.0	20.6	23.2	25.8	28.2	30.6	32.8	35.0	37.1	39.0
-87.5°	8.3	9.0	9.7	10.3	11.0	11.6	12.2	12.7	13.3	13.8	14.3
-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: P627225 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-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°	14.7	15.2	15.6	16.0	16.3	16.6	16.9	17.2	17.4	17.6	17.7
85°	40.9	42.6	44.3	45.8	47.2	47.5	47.6	47.5	47.3	47.9	48.4
82.5°	70.3	73.4	76.6	79.8	82.8	84.0	84.8	85.4	85.8	87.0	88.0
80°	102.1	107.0	111.6	115.8	119.4	122.1	124.4	126.6	128.6	129.6	130.0
77.5°	139.0	145.0	150.7	155.9	160.7	164.6	167.7	170.2	172.1	173.3	174.1
75°	178.7	186.3	193.1	199.5	205.3	209.3	212.1	214.2	215.6	217.1	218.3
72.5°	218.8	227.5	235.6	243.2	249.9	254.6	257.8	260.5	262.5	264.0	264.8
70°	261.0	271.4	280.3	287.9	293.9	298.5	302.0	304.9	307.1	308.6	309.4
67.5°	304.7	315.8	324.2	330.8	336.3	341.1	345.4	348.7	350.8	353.0	355.3
65°	349.2	360.5	369.1	376.1	381.9	388.0	393.7	397.9	400.7	403.2	405.8
62.5°	391.0	403.9	413.8	423.1	432.4	441.3	446.4	450.3	453.1	455.6	458.6
60°	429.1	443.7	455.8	467.0	478.4	489.9	494.6	498.3	501.8	505.1	508.1
57.5°	462.9	478.3	493.0	504.1	515.1	525.8	533.2	537.3	540.0	541.5	542.8
55°	492.3	507.7	522.3	535.1	547.0	558.1	566.3	570.3	573.2	575.1	576.3
52.5°	518.5	535.1	550.8	565.0	577.8	589.7	600.0	605.5	609.9	613.1	614.1
50°	544.4	562.3	579.3	594.4	609.3	623.6	636.7	644.3	649.7	652.9	654.0
47.5°	571.4	590.8	609.2	626.8	643.7	660.6	676.2	686.6	694.2	699.9	703.9
45°	599.5	620.4	640.7	661.5	681.0	702.8	722.4	737.5	748.7	758.3	766.1
42.5°	627.9	651.3	674.7	701.4	728.0	752.7	776.2	796.2	814.4	832.3	846.2
40°	658.6	684.3	716.2	747.9	780.7	809.5	843.7	874.2	902.3	932.6	957.7
37.5°	692.3	725.2	763.1	801.0	843.7	885.1	932.8	979.7	1020.6	1073.7	1116.3
35°	728.9	770.6	815.3	866.2	921.3	986.2	1053.0	1131.3	1197.7	1282.1	1360.0
32.5°	769.7	818.8	876.7	946.8	1021.0	1125.3	1223.2	1355.9	1469.4	1615.8	1775.7
30°	811.1	874.6	953.5	1043.9	1169.6	1317.6	1490.1	1714.5	1957.3	2208.4	2546.6
27.5°	860.3	942.7	1041.2	1180.9	1368.8	1573.6	1925.1	2304.7	2833.4	3252.1	3997.5
25°	913.3	1015.2	1160.8	1363.2	1622.9	2037.5	2630.8	3317.8	4375.8	5316.9	6398.4
22.5°	976.0	1114.5	1307.2	1572.3	2024.9	2738.2	3664.3	5075.2	6643.6	8191.6	9606.5
20°	1042.4	1209.8	1479.2	1910.9	2610.5	3641.8	5294.2	7310.3	9392.5	11513.9	13301.7
17.5°	1120.0	1347.2	1702.2	2275.6	3273.7	5039.4	7246.4	9810.0	12530.2	15237.3	17588.8
15°	1186.7	1467.4	1945.4	2804.2	4292.6	6501.2	9213.7	12451.4	15872.3	19385.5	23193.1
12.5°	1271.7	1612.2	2196.0	3241.3	5196.6	8067.3	11386.3	15145.4	19322.7	23987.3	29923.4
10°	1349.7	1764.1	2525.6	3941.6	6283.3	9530.3	13263.0	17527.7	22946.1	29955.9	37116.2
7.5°	1412.3	1884.6	2781.2	4488.0	7194.7	10780.0	14952.7	20065.9	26825.8	35172.9	43354.0
5°	1455.8	1968.0	2964.1	4900.9	7927.8	11735.1	16151.9	21937.0	30095.9	39443.2	47796.7
2.5°	1483.1	2013.7	3053.6	5146.1	8406.0	12309.9	16900.0	23126.2	32100.2	42161.6	50619.2
0°	1496.0	2021.7	2996.6	5265.3	8473.0	12269.3	16968.5	23523.2	32575.8	42899.8	51323.4
-2.5°	1483.1	2013.7	3053.6	5146.1	8406.0	12309.9	16900.0	23126.2	32100.2	42161.6	50619.2
-5°	1455.8	1968.0	2964.1	4900.9	7927.8	11735.1	16151.9	21937.0	30095.9	39443.2	47796.7
-7.5°	1412.3	1884.6	2781.2	4488.0	7194.7	10780.0	14952.7	20065.9	26825.8	35172.9	43354.0
-10°	1349.7	1764.1	2525.6	3941.6	6283.3	9530.3	13263.0	17527.7	22946.1	29955.9	37116.2
-12.5°	1271.7	1612.2	2196.0	3241.3	5196.6	8067.3	11386.3	15145.4	19322.7	23987.3	29923.4
-15°	1186.7	1467.4	1945.4	2804.2	4292.6	6501.2	9213.7	12451.4	15872.3	19385.5	23193.1
-17.5°	1120.0	1347.2	1702.2	2275.6	3273.7	5039.4	7246.4	9810.0	12530.2	15237.3	17588.8
-20°	1042.4	1209.8	1479.2	1910.9	2610.5	3641.8	5294.2	7310.3	9392.5	11513.9	13301.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627225 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	976.0	1114.5	1307.2	1572.3	2024.9	2738.2	3664.3	5075.2	6643.6	8191.6	9606.5
-25°	913.3	1015.2	1160.8	1363.2	1622.9	2037.5	2630.8	3317.8	4375.8	5316.9	6398.4
-27.5°	860.3	942.7	1041.2	1180.9	1368.8	1573.6	1925.1	2304.7	2833.4	3252.1	3997.5
-30°	811.1	874.6	953.5	1043.9	1169.6	1317.6	1490.1	1714.5	1957.3	2208.4	2546.6
-32.5°	769.7	818.8	876.7	946.8	1021.0	1125.3	1223.2	1355.9	1469.4	1615.8	1775.7
-35°	728.9	770.6	815.3	866.2	921.3	986.2	1053.0	1131.3	1197.7	1282.1	1360.0
-37.5°	692.3	725.2	763.1	801.0	843.7	885.1	932.8	979.7	1020.6	1073.7	1116.3
-40°	658.6	684.3	716.2	747.9	780.7	809.5	843.7	874.2	902.3	932.6	957.7
-42.5°	627.9	651.3	674.7	701.4	728.0	752.7	776.2	796.2	814.4	832.3	846.2
-45°	599.5	620.4	640.7	661.5	681.0	702.8	722.4	737.5	748.7	758.3	766.1
-47.5°	571.4	590.8	609.2	626.8	643.7	660.6	676.2	686.6	694.2	699.9	703.9
-50°	544.4	562.3	579.3	594.4	609.3	623.6	636.7	644.3	649.7	652.9	654.0
-52.5°	518.5	535.1	550.8	565.0	577.8	589.7	600.0	605.5	609.9	613.1	614.1
-55°	492.3	507.7	522.3	535.1	547.0	558.1	566.3	570.3	573.2	575.1	576.3
-57.5°	462.9	478.3	493.0	504.1	515.1	525.8	533.2	537.3	540.0	541.5	542.8
-60°	429.1	443.7	455.8	467.0	478.4	489.9	494.6	498.3	501.8	505.1	508.1
-62.5°	391.0	403.9	413.8	423.1	432.4	441.3	446.4	450.3	453.1	455.6	458.6
-65°	349.2	360.5	369.1	376.1	381.9	388.0	393.7	397.9	400.7	403.2	405.8
-67.5°	304.7	315.8	324.2	330.8	336.3	341.1	345.4	348.7	350.8	353.0	355.3
-70°	261.0	271.4	280.3	287.9	293.9	298.5	302.0	304.9	307.1	308.6	309.4
-72.5°	218.8	227.5	235.6	243.2	249.9	254.6	257.8	260.5	262.5	264.0	264.8
-75°	178.7	186.3	193.1	199.5	205.3	209.3	212.1	214.2	215.6	217.1	218.3
-77.5°	139.0	145.0	150.7	155.9	160.7	164.6	167.7	170.2	172.1	173.3	174.1
-80°	102.1	107.0	111.6	115.8	119.4	122.1	124.4	126.6	128.6	129.6	130.0
-82.5°	70.3	73.4	76.6	79.8	82.8	84.0	84.8	85.4	85.8	87.0	88.0
-85°	40.9	42.6	44.3	45.8	47.2	47.5	47.6	47.5	47.3	47.9	48.4
-87.5°	14.7	15.2	15.6	16.0	16.3	16.6	16.9	17.2	17.4	17.6	17.7
-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: P627225 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-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°	17.8	17.9	18.0	18.0	18.0	17.9	17.8	17.7	17.6	17.4	17.2
85°	48.9	49.2	49.3	49.4	49.3	49.2	48.9	48.4	47.9	47.3	47.5
82.5°	88.9	89.4	89.8	89.9	89.8	89.4	88.9	88.0	87.0	85.8	85.4
80°	130.0	129.7	130.1	130.3	130.1	129.7	130.0	130.0	129.6	128.6	126.6
77.5°	174.5	174.4	175.0	175.2	175.0	174.4	174.5	174.1	173.3	172.1	170.2
75°	219.0	219.1	219.8	220.1	219.8	219.1	219.0	218.3	217.1	215.6	214.2
72.5°	264.8	264.1	264.8	265.1	264.8	264.1	264.8	264.8	264.0	262.5	260.5
70°	309.5	308.9	311.7	314.5	311.7	308.9	309.5	309.4	308.6	307.1	304.9
67.5°	356.9	357.8	361.0	363.9	361.0	357.8	356.9	355.3	353.0	350.8	348.7
65°	407.1	407.2	410.3	413.3	410.3	407.2	407.1	405.8	403.2	400.7	397.9
62.5°	460.3	460.8	464.1	467.2	464.1	460.8	460.3	458.6	455.6	453.1	450.3
60°	509.9	510.4	511.6	512.2	511.6	510.4	509.9	508.1	505.1	501.8	498.3
57.5°	543.2	542.7	543.2	543.6	543.2	542.7	543.2	542.8	541.5	540.0	537.3
55°	576.1	574.6	572.9	570.6	572.9	574.6	576.1	576.3	575.1	573.2	570.3
52.5°	613.3	610.9	608.7	606.5	608.7	610.9	613.3	614.1	613.1	609.9	605.5
50°	653.3	651.2	649.1	646.9	649.1	651.2	653.3	654.0	652.9	649.7	644.3
47.5°	706.7	707.6	707.2	705.3	707.2	707.6	706.7	703.9	699.9	694.2	686.6
45°	771.5	774.1	774.4	772.7	774.4	774.1	771.5	766.1	758.3	748.7	737.5
42.5°	856.0	861.8	864.9	867.1	864.9	861.8	856.0	846.2	832.3	814.4	796.2
40°	975.9	987.6	995.0	1001.8	995.0	987.6	975.9	957.7	932.6	902.3	874.2
37.5°	1147.9	1168.9	1178.3	1172.6	1178.3	1168.9	1147.9	1116.3	1073.7	1020.6	979.7
35°	1420.0	1460.0	1480.8	1482.6	1480.8	1460.0	1420.0	1360.0	1282.1	1197.7	1131.3
32.5°	1893.9	1975.9	2019.9	2026.2	2019.9	1975.9	1893.9	1775.7	1615.8	1469.4	1355.9
30°	2805.4	2972.6	3051.1	3032.5	3051.1	2972.6	2805.4	2546.6	2208.4	1957.3	1714.5
27.5°	4577.1	4994.0	5241.2	5260.8	5241.2	4994.0	4577.1	3997.5	3252.1	2833.4	2304.7
25°	7356.4	8068.3	8524.1	8531.4	8524.1	8068.3	7356.4	6398.4	5316.9	4375.8	3317.8
22.5°	10914.8	11886.5	12418.9	12511.9	12418.9	11886.5	10914.8	9606.5	8191.6	6643.6	5075.2
20°	15037.4	16330.0	17021.7	17022.4	17021.7	16330.0	15037.4	13301.7	11513.9	9392.5	7310.3
17.5°	20114.5	22213.5	23531.1	24098.3	23531.1	22213.5	20114.5	17588.8	15237.3	12530.2	9810.0
15°	26859.5	30386.8	32500.4	32881.3	32500.4	30386.8	26859.5	23193.1	19385.5	15872.3	12451.4
12.5°	35072.5	39536.2	42536.8	43636.6	42536.8	39536.2	35072.5	29923.4	23987.3	19322.7	15145.4
10°	43647.4	47783.4	50997.9	52078.1	50997.9	47783.4	43647.4	37116.2	29955.9	22946.1	17527.7
7.5°	49842.1	54774.1	58395.1	59985.1	58395.1	54774.1	49842.1	43354.0	35172.9	26825.8	20065.9
5°	54732.2	60567.9	63938.7	65434.6	63938.7	60567.9	54732.2	47796.7	39443.2	30095.9	21937.0
2.5°	57940.7	63707.0	67276.4	68655.8	67276.4	63707.0	57940.7	50619.2	42161.6	32100.2	23126.2
0°	59140.5	64778.7	68305.4	69990.1	68305.4	64778.7	59140.5	51323.4	42899.8	32575.8	23523.2
-2.5°	57940.7	63707.0	67276.4	68655.8	67276.4	63707.0	57940.7	50619.2	42161.6	32100.2	23126.2
-5°	54732.2	60567.9	63938.7	65434.6	63938.7	60567.9	54732.2	47796.7	39443.2	30095.9	21937.0
-7.5°	49842.1	54774.1	58395.1	59985.1	58395.1	54774.1	49842.1	43354.0	35172.9	26825.8	20065.9
-10°	43647.4	47783.4	50997.9	52078.1	50997.9	47783.4	43647.4	37116.2	29955.9	22946.1	17527.7
-12.5°	35072.5	39536.2	42536.8	43636.6	42536.8	39536.2	35072.5	29923.4	23987.3	19322.7	15145.4
-15°	26859.5	30386.8	32500.4	32881.3	32500.4	30386.8	26859.5	23193.1	19385.5	15872.3	12451.4
-17.5°	20114.5	22213.5	23531.1	24098.3	23531.1	22213.5	20114.5	17588.8	15237.3	12530.2	9810.0
-20°	15037.4	16330.0	17021.7	17022.4	17021.7	16330.0	15037.4	13301.7	11513.9	9392.5	7310.3



REPORT NUMBER: P627225 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-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°	10914.8	11886.5	12418.9	12511.9	12418.9	11886.5	10914.8	9606.5	8191.6	6643.6	5075.2
-25°	7356.4	8068.3	8524.1	8531.4	8524.1	8068.3	7356.4	6398.4	5316.9	4375.8	3317.8
-27.5°	4577.1	4994.0	5241.2	5260.8	5241.2	4994.0	4577.1	3997.5	3252.1	2833.4	2304.7
-30°	2805.4	2972.6	3051.1	3032.5	3051.1	2972.6	2805.4	2546.6	2208.4	1957.3	1714.5
-32.5°	1893.9	1975.9	2019.9	2026.2	2019.9	1975.9	1893.9	1775.7	1615.8	1469.4	1355.9
-35°	1420.0	1460.0	1480.8	1482.6	1480.8	1460.0	1420.0	1360.0	1282.1	1197.7	1131.3
-37.5°	1147.9	1168.9	1178.3	1172.6	1178.3	1168.9	1147.9	1116.3	1073.7	1020.6	979.7
-40°	975.9	987.6	995.0	1001.8	995.0	987.6	975.9	957.7	932.6	902.3	874.2
-42.5°	856.0	861.8	864.9	867.1	864.9	861.8	856.0	846.2	832.3	814.4	796.2
-45°	771.5	774.1	774.4	772.7	774.4	774.1	771.5	766.1	758.3	748.7	737.5
-47.5°	706.7	707.6	707.2	705.3	707.2	707.6	706.7	703.9	699.9	694.2	686.6
-50°	653.3	651.2	649.1	646.9	649.1	651.2	653.3	654.0	652.9	649.7	644.3
-52.5°	613.3	610.9	608.7	606.5	608.7	610.9	613.3	614.1	613.1	609.9	605.5
-55°	576.1	574.6	572.9	570.6	572.9	574.6	576.1	576.3	575.1	573.2	570.3
-57.5°	543.2	542.7	543.2	543.6	543.2	542.7	543.2	542.8	541.5	540.0	537.3
-60°	509.9	510.4	511.6	512.2	511.6	510.4	509.9	508.1	505.1	501.8	498.3
-62.5°	460.3	460.8	464.1	467.2	464.1	460.8	460.3	458.6	455.6	453.1	450.3
-65°	407.1	407.2	410.3	413.3	410.3	407.2	407.1	405.8	403.2	400.7	397.9
-67.5°	356.9	357.8	361.0	363.9	361.0	357.8	356.9	355.3	353.0	350.8	348.7
-70°	309.5	308.9	311.7	314.5	311.7	308.9	309.5	309.4	308.6	307.1	304.9
-72.5°	264.8	264.1	264.8	265.1	264.8	264.1	264.8	264.8	264.0	262.5	260.5
-75°	219.0	219.1	219.8	220.1	219.8	219.1	219.0	218.3	217.1	215.6	214.2
-77.5°	174.5	174.4	175.0	175.2	175.0	174.4	174.5	174.1	173.3	172.1	170.2
-80°	130.0	129.7	130.1	130.3	130.1	129.7	130.0	130.0	129.6	128.6	126.6
-82.5°	88.9	89.4	89.8	89.9	89.8	89.4	88.9	88.0	87.0	85.8	85.4
-85°	48.9	49.2	49.3	49.4	49.3	49.2	48.9	48.4	47.9	47.3	47.5
-87.5°	17.8	17.9	18.0	18.0	18.0	17.9	17.8	17.7	17.6	17.4	17.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627225 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-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°	16.9	16.6	16.3	16.0	15.6	15.2	14.7	14.3	13.8	13.3	12.7
85°	47.6	47.5	47.2	45.8	44.3	42.6	40.9	39.0	37.1	35.0	32.8
82.5°	84.8	84.0	82.8	79.8	76.6	73.4	70.3	67.5	64.5	61.4	58.2
80°	124.4	122.1	119.4	115.8	111.6	107.0	102.1	97.4	92.5	87.8	83.5
77.5°	167.7	164.6	160.7	155.9	150.7	145.0	139.0	132.8	126.6	120.1	113.3
75°	212.1	209.3	205.3	199.5	193.1	186.3	178.7	170.2	161.6	153.0	144.7
72.5°	257.8	254.6	249.9	243.2	235.6	227.5	218.8	209.1	198.4	186.8	176.2
70°	302.0	298.5	293.9	287.9	280.3	271.4	261.0	249.6	237.7	225.1	212.3
67.5°	345.4	341.1	336.3	330.8	324.2	315.8	304.7	291.5	277.7	263.5	248.7
65°	393.7	388.0	381.9	376.1	369.1	360.5	349.2	336.5	321.4	303.9	285.1
62.5°	446.4	441.3	432.4	423.1	413.8	403.9	391.0	377.2	363.3	347.2	324.7
60°	494.6	489.9	478.4	467.0	455.8	443.7	429.1	414.5	399.8	382.1	361.7
57.5°	533.2	525.8	515.1	504.1	493.0	478.3	462.9	448.3	432.3	415.2	396.1
55°	566.3	558.1	547.0	535.1	522.3	507.7	492.3	475.9	460.5	446.5	427.0
52.5°	600.0	589.7	577.8	565.0	550.8	535.1	518.5	501.4	486.4	471.8	455.5
50°	636.7	623.6	609.3	594.4	579.3	562.3	544.4	526.2	511.7	496.6	480.2
47.5°	676.2	660.6	643.7	626.8	609.2	590.8	571.4	551.8	536.0	520.4	503.3
45°	722.4	702.8	681.0	661.5	640.7	620.4	599.5	579.2	559.3	541.8	525.4
42.5°	776.2	752.7	728.0	701.4	674.7	651.3	627.9	605.9	583.8	562.7	543.8
40°	843.7	809.5	780.7	747.9	716.2	684.3	658.6	632.3	608.1	584.2	562.4
37.5°	932.8	885.1	843.7	801.0	763.1	725.2	692.3	662.3	632.3	606.5	582.1
35°	1053.0	986.2	921.3	866.2	815.3	770.6	728.9	693.7	660.6	629.2	601.7
32.5°	1223.2	1125.3	1021.0	946.8	876.7	818.8	769.7	726.0	688.1	653.5	622.1
30°	1490.1	1317.6	1169.6	1043.9	953.5	874.6	811.1	759.8	715.4	676.9	642.0
27.5°	1925.1	1573.6	1368.8	1180.9	1041.2	942.7	860.3	793.4	741.9	699.8	661.6
25°	2630.8	2037.5	1622.9	1363.2	1160.8	1015.2	913.3	833.6	770.5	720.5	675.6
22.5°	3664.3	2738.2	2024.9	1572.3	1307.2	1114.5	976.0	873.3	796.2	738.2	689.4
20°	5294.2	3641.8	2610.5	1910.9	1479.2	1209.8	1042.4	919.8	827.5	757.3	701.6
17.5°	7246.4	5039.4	3273.7	2275.6	1702.2	1347.2	1120.0	964.4	855.3	774.5	711.8
15°	9213.7	6501.2	4292.6	2804.2	1945.4	1467.4	1186.7	1003.0	882.4	793.4	724.8
12.5°	11386.3	8067.3	5196.6	3241.3	2196.0	1612.2	1271.7	1055.0	912.0	812.2	737.3
10°	13263.0	9530.3	6283.3	3941.6	2525.6	1764.1	1349.7	1099.5	936.8	827.5	747.0
7.5°	14952.7	10780.0	7194.7	4488.0	2781.2	1884.6	1412.3	1135.0	955.4	838.7	753.8
5°	16151.9	11735.1	7927.8	4900.9	2964.1	1968.0	1455.8	1160.1	967.6	845.6	757.8
2.5°	16900.0	12309.9	8406.0	5146.1	3053.6	2013.7	1483.1	1174.4	978.0	853.4	760.0
0°	16968.5	12269.3	8473.0	5265.3	2996.6	2021.7	1496.0	1177.1	983.9	858.1	759.2
-2.5°	16900.0	12309.9	8406.0	5146.1	3053.6	2013.7	1483.1	1174.4	978.0	853.4	760.0
-5°	16151.9	11735.1	7927.8	4900.9	2964.1	1968.0	1455.8	1160.1	967.6	845.6	757.8
-7.5°	14952.7	10780.0	7194.7	4488.0	2781.2	1884.6	1412.3	1135.0	955.4	838.7	753.8
-10°	13263.0	9530.3	6283.3	3941.6	2525.6	1764.1	1349.7	1099.5	936.8	827.5	747.0
-12.5°	11386.3	8067.3	5196.6	3241.3	2196.0	1612.2	1271.7	1055.0	912.0	812.2	737.3
-15°	9213.7	6501.2	4292.6	2804.2	1945.4	1467.4	1186.7	1003.0	882.4	793.4	724.8
-17.5°	7246.4	5039.4	3273.7	2275.6	1702.2	1347.2	1120.0	964.4	855.3	774.5	711.8
-20°	5294.2	3641.8	2610.5	1910.9	1479.2	1209.8	1042.4	919.8	827.5	757.3	701.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627225 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3664.3	2738.2	2024.9	1572.3	1307.2	1114.5	976.0	873.3	796.2	738.2	689.4
-25°	2630.8	2037.5	1622.9	1363.2	1160.8	1015.2	913.3	833.6	770.5	720.5	675.6
-27.5°	1925.1	1573.6	1368.8	1180.9	1041.2	942.7	860.3	793.4	741.9	699.8	661.6
-30°	1490.1	1317.6	1169.6	1043.9	953.5	874.6	811.1	759.8	715.4	676.9	642.0
-32.5°	1223.2	1125.3	1021.0	946.8	876.7	818.8	769.7	726.0	688.1	653.5	622.1
-35°	1053.0	986.2	921.3	866.2	815.3	770.6	728.9	693.7	660.6	629.2	601.7
-37.5°	932.8	885.1	843.7	801.0	763.1	725.2	692.3	662.3	632.3	606.5	582.1
-40°	843.7	809.5	780.7	747.9	716.2	684.3	658.6	632.3	608.1	584.2	562.4
-42.5°	776.2	752.7	728.0	701.4	674.7	651.3	627.9	605.9	583.8	562.7	543.8
-45°	722.4	702.8	681.0	661.5	640.7	620.4	599.5	579.2	559.3	541.8	525.4
-47.5°	676.2	660.6	643.7	626.8	609.2	590.8	571.4	551.8	536.0	520.4	503.3
-50°	636.7	623.6	609.3	594.4	579.3	562.3	544.4	526.2	511.7	496.6	480.2
-52.5°	600.0	589.7	577.8	565.0	550.8	535.1	518.5	501.4	486.4	471.8	455.5
-55°	566.3	558.1	547.0	535.1	522.3	507.7	492.3	475.9	460.5	446.5	427.0
-57.5°	533.2	525.8	515.1	504.1	493.0	478.3	462.9	448.3	432.3	415.2	396.1
-60°	494.6	489.9	478.4	467.0	455.8	443.7	429.1	414.5	399.8	382.1	361.7
-62.5°	446.4	441.3	432.4	423.1	413.8	403.9	391.0	377.2	363.3	347.2	324.7
-65°	393.7	388.0	381.9	376.1	369.1	360.5	349.2	336.5	321.4	303.9	285.1
-67.5°	345.4	341.1	336.3	330.8	324.2	315.8	304.7	291.5	277.7	263.5	248.7
-70°	302.0	298.5	293.9	287.9	280.3	271.4	261.0	249.6	237.7	225.1	212.3
-72.5°	257.8	254.6	249.9	243.2	235.6	227.5	218.8	209.1	198.4	186.8	176.2
-75°	212.1	209.3	205.3	199.5	193.1	186.3	178.7	170.2	161.6	153.0	144.7
-77.5°	167.7	164.6	160.7	155.9	150.7	145.0	139.0	132.8	126.6	120.1	113.3
-80°	124.4	122.1	119.4	115.8	111.6	107.0	102.1	97.4	92.5	87.8	83.5
-82.5°	84.8	84.0	82.8	79.8	76.6	73.4	70.3	67.5	64.5	61.4	58.2
-85°	47.6	47.5	47.2	45.8	44.3	42.6	40.9	39.0	37.1	35.0	32.8
-87.5°	16.9	16.6	16.3	16.0	15.6	15.2	14.7	14.3	13.8	13.3	12.7
-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: P627225 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-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°	12.2	11.6	11.0	10.3	9.7	9.0	8.3	7.6	6.9	6.2	5.4
85°	30.6	28.2	25.8	23.2	20.6	18.0	16.6	15.2	13.8	12.3	10.8
82.5°	54.8	51.2	47.5	43.8	39.8	35.8	31.7	27.5	23.0	18.8	16.2
80°	78.9	74.2	69.3	64.3	59.2	53.6	48.1	42.4	36.2	30.1	24.4
77.5°	106.2	98.8	91.2	84.8	79.0	72.6	65.5	57.7	49.1	41.4	33.9
75°	136.1	127.2	118.0	108.9	100.3	91.5	83.5	74.2	63.5	52.6	43.3
72.5°	166.9	156.7	145.5	134.1	123.9	113.2	102.3	90.6	78.4	65.9	53.2
70°	199.5	186.8	174.4	161.5	148.3	135.0	122.4	108.3	93.0	78.9	64.7
67.5°	233.3	218.2	203.3	188.7	173.7	158.3	142.5	126.1	109.1	91.9	76.0
65°	267.9	250.0	231.9	215.6	198.8	181.6	163.9	144.0	124.9	105.9	87.1
62.5°	303.1	282.5	262.3	242.5	223.5	204.5	184.8	162.4	140.5	119.7	98.8
60°	338.6	314.8	292.2	270.1	248.3	227.1	204.8	180.2	156.3	133.2	110.6
57.5°	372.6	346.4	320.6	296.5	272.8	249.3	224.4	197.9	171.6	146.5	122.2
55°	405.6	378.9	348.6	321.2	296.0	271.0	243.3	215.2	186.6	159.5	133.4
52.5°	434.8	408.1	376.7	345.4	317.2	290.9	261.4	232.1	201.8	171.9	144.2
50°	461.2	434.2	402.7	369.5	337.5	308.4	278.6	247.6	216.4	184.2	154.7
47.5°	484.0	458.1	427.0	392.4	358.1	325.2	294.3	262.4	230.6	196.7	164.9
45°	504.6	481.1	450.3	414.7	377.2	342.3	309.1	276.3	243.0	208.8	174.6
42.5°	523.8	501.0	472.8	436.6	396.6	358.7	323.2	289.1	254.8	220.3	184.3
40°	541.2	518.4	494.0	457.0	415.0	374.0	337.0	301.3	265.8	230.8	193.7
37.5°	558.5	534.9	509.5	476.1	432.2	389.6	349.9	312.8	276.4	240.2	202.6
35°	576.2	550.9	523.2	491.1	448.7	404.0	361.8	323.5	286.4	249.0	210.8
32.5°	593.2	565.3	535.7	503.8	464.0	417.2	373.4	334.0	295.7	257.3	218.5
30°	609.8	577.1	546.8	516.7	477.4	430.0	384.7	343.7	304.4	265.0	225.4
27.5°	622.5	587.4	556.6	526.9	488.6	441.9	395.7	352.6	312.4	272.0	231.5
25°	633.9	597.2	565.0	534.9	499.7	454.1	405.8	360.8	319.7	278.5	237.1
22.5°	645.3	605.9	572.0	541.8	510.2	465.2	415.4	369.0	326.3	284.2	242.1
20°	655.2	612.8	577.8	548.1	517.2	473.8	424.3	376.3	332.1	289.4	246.6
17.5°	663.6	619.9	583.9	553.3	522.0	481.0	432.1	382.7	337.1	293.8	250.5
15°	672.2	627.2	589.1	557.3	526.2	487.0	438.8	388.1	341.4	297.6	254.0
12.5°	679.5	632.6	593.1	560.1	529.7	491.7	444.3	392.5	344.9	301.1	257.4
10°	685.3	636.2	595.9	561.9	532.5	495.1	448.6	396.6	349.1	304.3	260.2
7.5°	689.3	637.9	597.6	562.7	534.4	498.1	452.8	401.2	352.8	306.8	262.3
5°	692.1	638.7	598.6	564.4	535.6	500.9	455.9	404.7	355.8	308.6	263.9
2.5°	695.3	639.0	598.7	565.6	535.6	502.6	457.6	407.2	358.0	309.6	264.8
0°	696.4	637.9	597.5	566.1	534.6	503.2	458.2	408.8	359.4	310.0	265.1
-2.5°	695.3	639.0	598.7	565.6	535.6	502.6	457.6	407.2	358.0	309.6	264.8
-5°	692.1	638.7	598.6	564.4	535.6	500.9	455.9	404.7	355.8	308.6	263.9
-7.5°	689.3	637.9	597.6	562.7	534.4	498.1	452.8	401.2	352.8	306.8	262.3
-10°	685.3	636.2	595.9	561.9	532.5	495.1	448.6	396.6	349.1	304.3	260.2
-12.5°	679.5	632.6	593.1	560.1	529.7	491.7	444.3	392.5	344.9	301.1	257.4
-15°	672.2	627.2	589.1	557.3	526.2	487.0	438.8	388.1	341.4	297.6	254.0
-17.5°	663.6	619.9	583.9	553.3	522.0	481.0	432.1	382.7	337.1	293.8	250.5
-20°	655.2	612.8	577.8	548.1	517.2	473.8	424.3	376.3	332.1	289.4	246.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627225 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-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°	645.3	605.9	572.0	541.8	510.2	465.2	415.4	369.0	326.3	284.2	242.1
-25°	633.9	597.2	565.0	534.9	499.7	454.1	405.8	360.8	319.7	278.5	237.1
-27.5°	622.5	587.4	556.6	526.9	488.6	441.9	395.7	352.6	312.4	272.0	231.5
-30°	609.8	577.1	546.8	516.7	477.4	430.0	384.7	343.7	304.4	265.0	225.4
-32.5°	593.2	565.3	535.7	503.8	464.0	417.2	373.4	334.0	295.7	257.3	218.5
-35°	576.2	550.9	523.2	491.1	448.7	404.0	361.8	323.5	286.4	249.0	210.8
-37.5°	558.5	534.9	509.5	476.1	432.2	389.6	349.9	312.8	276.4	240.2	202.6
-40°	541.2	518.4	494.0	457.0	415.0	374.0	337.0	301.3	265.8	230.8	193.7
-42.5°	523.8	501.0	472.8	436.6	396.6	358.7	323.2	289.1	254.8	220.3	184.3
-45°	504.6	481.1	450.3	414.7	377.2	342.3	309.1	276.3	243.0	208.8	174.6
-47.5°	484.0	458.1	427.0	392.4	358.1	325.2	294.3	262.4	230.6	196.7	164.9
-50°	461.2	434.2	402.7	369.5	337.5	308.4	278.6	247.6	216.4	184.2	154.7
-52.5°	434.8	408.1	376.7	345.4	317.2	290.9	261.4	232.1	201.8	171.9	144.2
-55°	405.6	378.9	348.6	321.2	296.0	271.0	243.3	215.2	186.6	159.5	133.4
-57.5°	372.6	346.4	320.6	296.5	272.8	249.3	224.4	197.9	171.6	146.5	122.2
-60°	338.6	314.8	292.2	270.1	248.3	227.1	204.8	180.2	156.3	133.2	110.6
-62.5°	303.1	282.5	262.3	242.5	223.5	204.5	184.8	162.4	140.5	119.7	98.8
-65°	267.9	250.0	231.9	215.6	198.8	181.6	163.9	144.0	124.9	105.9	87.1
-67.5°	233.3	218.2	203.3	188.7	173.7	158.3	142.5	126.1	109.1	91.9	76.0
-70°	199.5	186.8	174.4	161.5	148.3	135.0	122.4	108.3	93.0	78.9	64.7
-72.5°	166.9	156.7	145.5	134.1	123.9	113.2	102.3	90.6	78.4	65.9	53.2
-75°	136.1	127.2	118.0	108.9	100.3	91.5	83.5	74.2	63.5	52.6	43.3
-77.5°	106.2	98.8	91.2	84.8	79.0	72.6	65.5	57.7	49.1	41.4	33.9
-80°	78.9	74.2	69.3	64.3	59.2	53.6	48.1	42.4	36.2	30.1	24.4
-82.5°	54.8	51.2	47.5	43.8	39.8	35.8	31.7	27.5	23.0	18.8	16.2
-85°	30.6	28.2	25.8	23.2	20.6	18.0	16.6	15.2	13.8	12.3	10.8
-87.5°	12.2	11.6	11.0	10.3	9.7	9.0	8.3	7.6	6.9	6.2	5.4
-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: P627225 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-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°	4.7	3.9	3.1	2.3	1.6	0.8	0.0
85°	9.3	7.8	6.2	4.7	3.1	1.6	0.0
82.5°	13.9	11.7	9.4	7.0	4.7	2.3	0.0
80°	19.0	15.5	12.4	9.4	6.2	3.1	0.0
77.5°	26.9	20.3	15.5	11.7	7.8	3.9	0.0
75°	34.8	26.9	19.0	13.9	9.3	4.7	0.0
72.5°	42.7	33.5	24.2	16.2	10.8	5.4	0.0
70°	50.7	39.9	29.4	18.7	12.3	6.2	0.0
67.5°	60.5	46.3	34.5	22.6	13.8	6.9	0.0
65°	70.1	53.4	39.5	26.3	15.2	7.6	0.0
62.5°	79.6	61.3	44.4	30.0	16.6	8.3	0.0
60°	88.9	69.0	49.2	33.6	18.0	9.0	0.0
57.5°	98.6	76.6	55.1	37.1	20.3	9.7	0.0
55°	108.0	83.9	61.0	40.5	22.6	10.3	0.0
52.5°	117.2	91.1	66.7	43.8	24.8	11.0	0.0
50°	125.9	98.3	72.2	47.0	26.9	11.6	0.0
47.5°	134.3	105.3	77.5	50.4	29.0	12.2	0.0
45°	142.7	111.9	82.7	54.2	31.0	12.7	0.0
42.5°	150.6	118.2	87.6	57.9	32.9	13.3	0.0
40°	158.2	124.1	92.3	61.3	34.7	13.8	0.0
37.5°	165.4	129.6	96.7	64.5	36.4	14.3	0.0
35°	172.2	135.1	100.9	67.6	38.0	14.7	0.0
32.5°	178.6	140.4	104.9	70.3	39.5	15.2	0.0
30°	184.7	145.3	108.5	72.9	41.0	15.6	0.0
27.5°	190.3	149.9	111.7	75.2	42.3	16.0	0.0
25°	195.3	154.0	114.8	77.3	43.5	16.3	0.0
22.5°	199.8	157.8	117.6	79.1	44.6	16.6	0.0
20°	203.7	161.0	120.1	80.8	45.6	16.9	0.0
17.5°	207.3	163.8	122.4	82.1	46.5	17.2	0.0
15°	210.5	166.2	124.4	83.3	47.3	17.4	0.0
12.5°	213.3	168.0	126.2	84.2	47.9	17.6	0.0
10°	215.7	169.4	127.6	84.9	48.4	17.7	0.0
7.5°	217.6	170.4	128.8	85.3	48.9	17.8	0.0
5°	219.0	170.9	129.6	85.6	49.2	17.9	0.0
2.5°	219.8	171.0	130.1	85.6	49.3	18.0	0.0
0°	220.1	170.7	130.3	85.4	49.4	18.0	0.0
-2.5°	219.8	171.0	130.1	85.6	49.3	18.0	0.0
-5°	219.0	170.9	129.6	85.6	49.2	17.9	0.0
-7.5°	217.6	170.4	128.8	85.3	48.9	17.8	0.0
-10°	215.7	169.4	127.6	84.9	48.4	17.7	0.0
-12.5°	213.3	168.0	126.2	84.2	47.9	17.6	0.0
-15°	210.5	166.2	124.4	83.3	47.3	17.4	0.0
-17.5°	207.3	163.8	122.4	82.1	46.5	17.2	0.0
-20°	203.7	161.0	120.1	80.8	45.6	16.9	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627225 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3D-740-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	199.8	157.8	117.6	79.1	44.6	16.6	0.0
-25°	195.3	154.0	114.8	77.3	43.5	16.3	0.0
-27.5°	190.3	149.9	111.7	75.2	42.3	16.0	0.0
-30°	184.7	145.3	108.5	72.9	41.0	15.6	0.0
-32.5°	178.6	140.4	104.9	70.3	39.5	15.2	0.0
-35°	172.2	135.1	100.9	67.6	38.0	14.7	0.0
-37.5°	165.4	129.6	96.7	64.5	36.4	14.3	0.0
-40°	158.2	124.1	92.3	61.3	34.7	13.8	0.0
-42.5°	150.6	118.2	87.6	57.9	32.9	13.3	0.0
-45°	142.7	111.9	82.7	54.2	31.0	12.7	0.0
-47.5°	134.3	105.3	77.5	50.4	29.0	12.2	0.0
-50°	125.9	98.3	72.2	47.0	26.9	11.6	0.0
-52.5°	117.2	91.1	66.7	43.8	24.8	11.0	0.0
-55°	108.0	83.9	61.0	40.5	22.6	10.3	0.0
-57.5°	98.6	76.6	55.1	37.1	20.3	9.7	0.0
-60°	88.9	69.0	49.2	33.6	18.0	9.0	0.0
-62.5°	79.6	61.3	44.4	30.0	16.6	8.3	0.0
-65°	70.1	53.4	39.5	26.3	15.2	7.6	0.0
-67.5°	60.5	46.3	34.5	22.6	13.8	6.9	0.0
-70°	50.7	39.9	29.4	18.7	12.3	6.2	0.0
-72.5°	42.7	33.5	24.2	16.2	10.8	5.4	0.0
-75°	34.8	26.9	19.0	13.9	9.3	4.7	0.0
-77.5°	26.9	20.3	15.5	11.7	7.8	3.9	0.0
-80°	19.0	15.5	12.4	9.4	6.2	3.1	0.0
-82.5°	13.9	11.7	9.4	7.0	4.7	2.3	0.0
-85°	9.3	7.8	6.2	4.7	3.1	1.6	0.0
-87.5°	4.7	3.9	3.1	2.3	1.6	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)