

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: P645384 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA2D-730-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645384 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-21)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2D-730-U-LAM-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, LAMBERTIAN
Light Source: (32) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

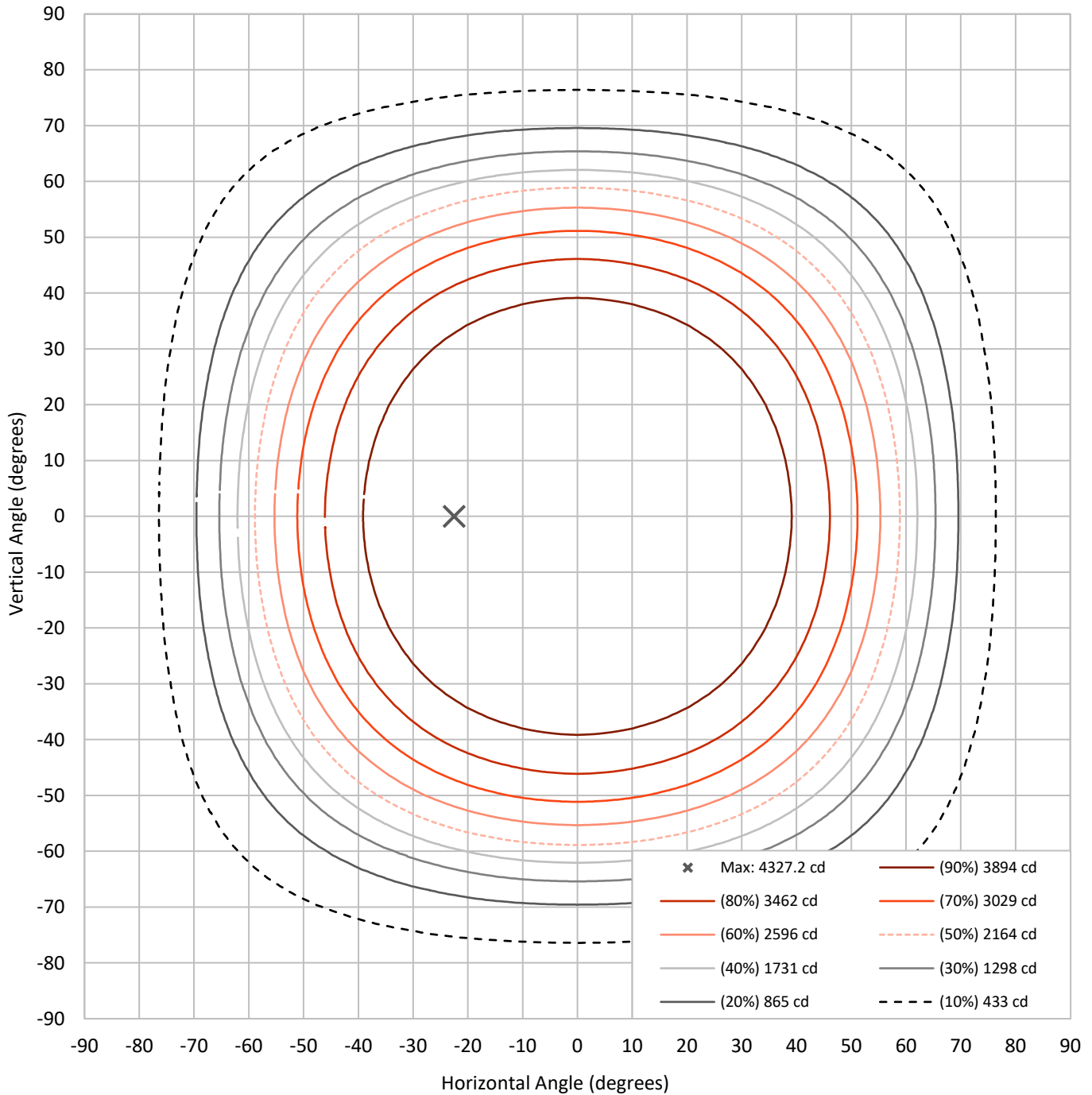
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	13237.1 lumens	Max Intensity:	4327.2 candela
Efficiency:	N/A	Max Intensity Angle:	-22.5°H x 0°V
Efficacy:	121.8 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	117.8°H x 112°V	Field Angle (10%):	152.8°H x 150.5°V
Beam Lumens:	11016.2 lumens	Field Lumens:	12976.8 lumens
Beam Efficiency:	83.2%	Field Efficiency:	98.0%
Input Watts (W):	108.7		
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: P645384 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-730-U-LAM-XX

Iso-Candela Plot





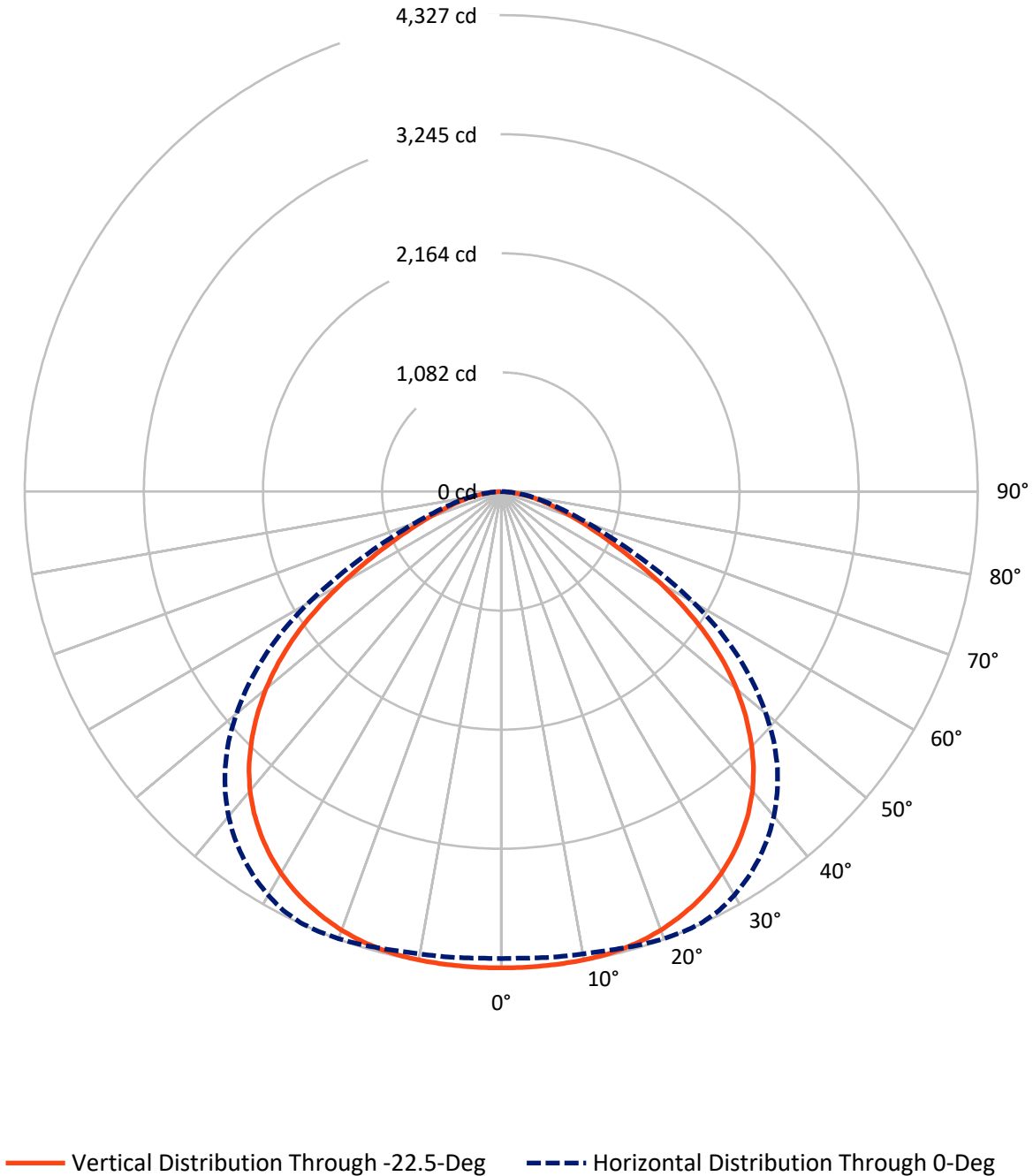
REPORT NUMBER: P645384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-730-U-LAM-XX

Lumen Table

90																			
80	0.7	6.9	19.4	32.3	37.8	32.3	19.4	6.9	0.7										
70																			
60	3.3	3.8	8.0	14.1	21.8	30.0	37.1	41.1	41.1	37.1	30.0	21.8	14.1	8.0	3.8				3.3
50																			
40	6.2	6.0	13.7	26.6	43.5	59.9	72.1	78.5	78.5	72.1	59.9	43.5	26.6	13.7	6.0				6.2
30																			
20	8.5	8.5	21.7	43.2	66.3	85.6	99.2	106.2	106.2	99.2	85.6	66.3	43.2	21.7	8.5				8.5
10																			
0	9.4	11.4	30.7	57.3	82.4	102.5	116.0	122.7	122.7	116.0	102.5	82.4	57.3	30.7	11.4				9.4
-10																			
-20	8.5	14.3	38.2	67.0	92.7	112.2	124.7	130.2	130.2	124.7	112.2	92.7	67.0	38.2	14.3				8.5
-30																			
-40	6.2	16.6	43.2	72.8	98.4	117.0	126.9	130.3	130.3	126.9	117.0	98.4	72.8	43.2	16.6				6.2
-50																			
-60	3.3	17.9	45.6	75.6	101.0	118.5	126.3	129.1	129.1	126.3	118.5	101.0	75.6	45.6	17.9				3.3
-70																			
-80	0.7	17.9	45.6	75.6	101.0	118.5	126.3	129.1	129.1	126.3	118.5	101.0	75.6	45.6	17.9				0.7
-90																			

REPORT NUMBER: P645384 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-730-U-LAM-XX

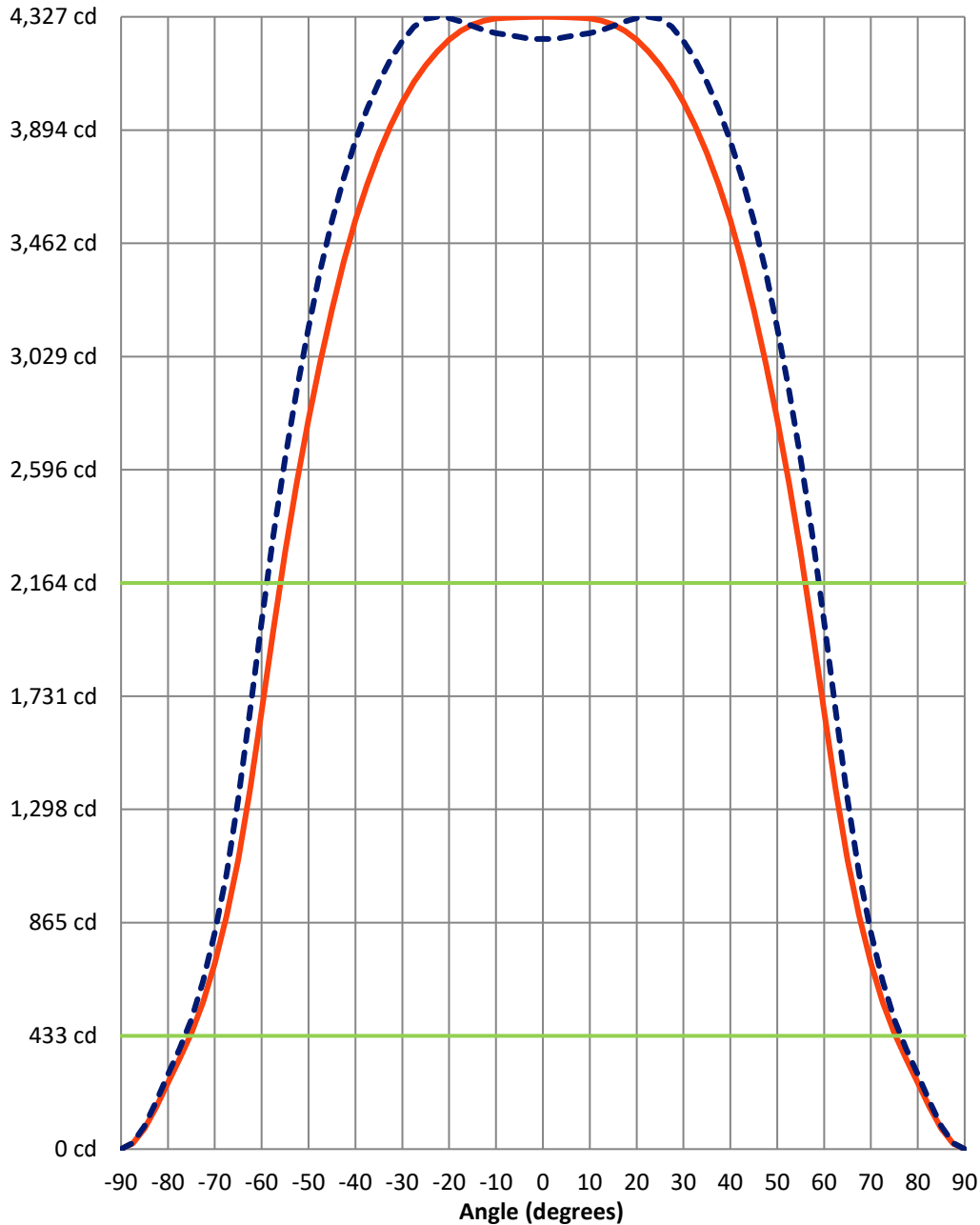
Luminous Intensity Polar Plot





REPORT NUMBER: P645384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-730-U-LAM-XX

Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 11016.2
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 12976.8
 Efficiency: 98.0%

Spill:
 Lumens: 260.4
 Efficiency: 2.0%

— Vertical Distribution through -22.5-Deg
 - - Horizontal Distribution through 0-Deg



REPORT NUMBER: P645384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-730-U-LAM-XX

FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.0	2.1	3.1	4.1	5.1	6.1	7.1	8.1	9.1	10.0
85°	0.0	2.1	4.1	6.2	8.2	10.2	12.3	14.2	16.2	18.1	20.0
82.5°	0.0	3.1	6.2	9.3	12.3	15.3	18.4	21.3	25.2	33.1	40.8
80°	0.0	4.1	8.2	12.3	16.4	20.4	25.7	36.4	47.0	57.5	67.7
77.5°	0.0	5.1	10.2	15.3	20.4	28.5	42.0	55.4	68.7	81.7	97.4
75°	0.0	6.1	12.3	18.4	25.7	42.0	58.2	74.3	91.0	113.7	136.1
72.5°	0.0	7.1	14.2	21.3	36.4	55.4	74.3	95.1	122.0	148.4	174.3
70°	0.0	8.1	16.2	25.2	47.0	68.7	91.0	122.0	152.5	182.7	215.3
67.5°	0.0	9.1	18.1	33.1	57.5	81.7	113.7	148.4	182.7	219.8	256.4
65°	0.0	10.0	20.0	40.8	67.7	97.4	136.1	174.3	215.3	256.4	296.4
62.5°	0.0	10.9	21.9	48.3	77.8	115.7	158.0	201.7	247.3	292.0	334.4
60°	0.0	11.8	23.7	55.7	87.6	133.6	179.4	229.2	278.7	325.6	371.6
57.5°	0.0	12.7	28.4	62.9	101.4	151.0	202.2	256.0	308.2	358.5	411.4
55°	0.0	13.6	33.1	69.9	114.9	168.0	224.6	282.2	336.7	391.5	451.8
52.5°	0.0	14.4	37.6	76.7	128.1	184.7	246.4	306.6	364.5	426.9	491.1
50°	0.0	15.2	42.0	83.3	140.9	202.3	267.5	330.1	392.4	461.2	540.0
47.5°	0.0	16.0	46.3	90.3	153.2	219.3	287.8	352.8	421.9	494.5	588.5
45°	0.0	16.8	50.3	99.2	165.0	235.6	306.5	374.7	450.3	536.3	635.4
42.5°	0.0	17.5	54.2	107.7	176.4	251.2	324.4	397.3	477.6	576.7	690.6
40°	0.0	18.2	57.9	115.8	187.8	266.2	341.6	420.0	506.3	615.4	745.2
37.5°	0.0	18.8	61.4	123.5	199.1	280.4	357.9	441.7	538.9	654.9	797.2
35°	0.0	19.4	64.8	130.7	209.8	293.4	373.3	462.1	569.8	699.1	850.2
32.5°	0.0	20.0	67.9	137.6	219.8	305.4	388.3	481.4	598.9	740.7	906.0
30°	0.0	20.5	70.8	144.0	229.2	316.7	403.7	500.8	626.1	779.7	958.3
27.5°	0.0	21.0	73.5	149.9	238.0	327.1	418.0	522.8	653.9	815.9	1007.0
25°	0.0	21.5	76.0	155.3	246.0	336.7	431.1	543.1	683.4	853.7	1052.5
22.5°	0.0	21.9	78.3	160.3	253.3	345.5	443.1	561.5	710.3	890.3	1105.6
20°	0.0	22.3	80.3	164.8	259.9	353.4	453.9	578.2	734.6	923.4	1153.6
17.5°	0.0	22.6	82.1	168.7	265.7	360.4	463.5	593.0	756.2	952.7	1196.2
15°	0.0	22.9	83.7	172.2	270.8	366.5	471.9	605.9	775.0	978.3	1233.5
12.5°	0.0	23.1	85.0	175.1	275.1	371.6	479.0	616.9	791.0	1000.1	1265.2
10°	0.0	23.3	86.1	177.5	278.7	375.9	484.8	625.9	804.1	1018.1	1291.2
7.5°	0.0	23.5	87.0	179.4	281.4	379.2	489.3	632.9	814.4	1032.0	1311.6
5°	0.0	23.6	87.6	180.7	283.4	381.6	492.6	638.0	821.7	1042.1	1326.2
2.5°	0.0	23.7	88.0	181.5	284.6	383.0	494.5	641.0	826.1	1048.1	1335.0
0°	0.0	23.7	88.1	181.8	285.0	383.5	495.2	642.0	827.6	1050.1	1337.9
-2.5°	0.0	23.7	88.0	181.5	284.6	383.0	494.5	641.0	826.1	1048.1	1335.0
-5°	0.0	23.6	87.6	180.7	283.4	381.6	492.6	638.0	821.7	1042.1	1326.2
-7.5°	0.0	23.5	87.0	179.4	281.4	379.2	489.3	632.9	814.4	1032.0	1311.6
-10°	0.0	23.3	86.1	177.5	278.7	375.9	484.8	625.9	804.1	1018.1	1291.2
-12.5°	0.0	23.1	85.0	175.1	275.1	371.6	479.0	616.9	791.0	1000.1	1265.2
-15°	0.0	22.9	83.7	172.2	270.8	366.5	471.9	605.9	775.0	978.3	1233.5
-17.5°	0.0	22.6	82.1	168.7	265.7	360.4	463.5	593.0	756.2	952.7	1196.2
-20°	0.0	22.3	80.3	164.8	259.9	353.4	453.9	578.2	734.6	923.4	1153.6

Classified

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

Scaled Data Report



REPORT NUMBER: P645384 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	21.9	78.3	160.3	253.3	345.5	443.1	561.5	710.3	890.3	1105.6
-25°	0.0	21.5	76.0	155.3	246.0	336.7	431.1	543.1	683.4	853.7	1052.5
-27.5°	0.0	21.0	73.5	149.9	238.0	327.1	418.0	522.8	653.9	815.9	1007.0
-30°	0.0	20.5	70.8	144.0	229.2	316.7	403.7	500.8	626.1	779.7	958.3
-32.5°	0.0	20.0	67.9	137.6	219.8	305.4	388.3	481.4	598.9	740.7	906.0
-35°	0.0	19.4	64.8	130.7	209.8	293.4	373.3	462.1	569.8	699.1	850.2
-37.5°	0.0	18.8	61.4	123.5	199.1	280.4	357.9	441.7	538.9	654.9	797.2
-40°	0.0	18.2	57.9	115.8	187.8	266.2	341.6	420.0	506.3	615.4	745.2
-42.5°	0.0	17.5	54.2	107.7	176.4	251.2	324.4	397.3	477.6	576.7	690.6
-45°	0.0	16.8	50.3	99.2	165.0	235.6	306.5	374.7	450.3	536.3	635.4
-47.5°	0.0	16.0	46.3	90.3	153.2	219.3	287.8	352.8	421.9	494.5	588.5
-50°	0.0	15.2	42.0	83.3	140.9	202.3	267.5	330.1	392.4	461.2	540.0
-52.5°	0.0	14.4	37.6	76.7	128.1	184.7	246.4	306.6	364.5	426.9	491.1
-55°	0.0	13.6	33.1	69.9	114.9	168.0	224.6	282.2	336.7	391.5	451.8
-57.5°	0.0	12.7	28.4	62.9	101.4	151.0	202.2	256.0	308.2	358.5	411.4
-60°	0.0	11.8	23.7	55.7	87.6	133.6	179.4	229.2	278.7	325.6	371.6
-62.5°	0.0	10.9	21.9	48.3	77.8	115.7	158.0	201.7	247.3	292.0	334.4
-65°	0.0	10.0	20.0	40.8	67.7	97.4	136.1	174.3	215.3	256.4	296.4
-67.5°	0.0	9.1	18.1	33.1	57.5	81.7	113.7	148.4	182.7	219.8	256.4
-70°	0.0	8.1	16.2	25.2	47.0	68.7	91.0	122.0	152.5	182.7	215.3
-72.5°	0.0	7.1	14.2	21.3	36.4	55.4	74.3	95.1	122.0	148.4	174.3
-75°	0.0	6.1	12.3	18.4	25.7	42.0	58.2	74.3	91.0	113.7	136.1
-77.5°	0.0	5.1	10.2	15.3	20.4	28.5	42.0	55.4	68.7	81.7	97.4
-80°	0.0	4.1	8.2	12.3	16.4	20.4	25.7	36.4	47.0	57.5	67.7
-82.5°	0.0	3.1	6.2	9.3	12.3	15.3	18.4	21.3	25.2	33.1	40.8
-85°	0.0	2.1	4.1	6.2	8.2	10.2	12.3	14.2	16.2	18.1	20.0
-87.5°	0.0	1.0	2.1	3.1	4.1	5.1	6.1	7.1	8.1	9.1	10.0
-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: P645384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-730-U-LAM-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°	10.9	11.8	12.7	13.6	14.4	15.2	16.0	16.8	17.5	18.2	18.8
85°	21.9	23.7	28.4	33.1	37.6	42.0	46.3	50.3	54.2	57.9	61.4
82.5°	48.3	55.7	62.9	69.9	76.7	83.3	90.3	99.2	107.7	115.8	123.5
80°	77.8	87.6	101.4	114.9	128.1	140.9	153.2	165.0	176.4	187.8	199.1
77.5°	115.7	133.6	151.0	168.0	184.7	202.3	219.3	235.6	251.2	266.2	280.4
75°	158.0	179.4	202.2	224.6	246.4	267.5	287.8	306.5	324.4	341.6	357.9
72.5°	201.7	229.2	256.0	282.2	306.6	330.1	352.8	374.7	397.3	420.0	441.7
70°	247.3	278.7	308.2	336.7	364.5	392.4	421.9	450.3	477.6	506.3	538.9
67.5°	292.0	325.6	358.5	391.5	426.9	461.2	494.5	536.3	576.7	615.4	654.9
65°	334.4	371.6	411.4	451.8	491.1	540.0	588.5	635.4	690.6	745.2	797.2
62.5°	376.0	421.4	466.8	516.2	573.0	628.3	692.3	757.6	820.4	891.2	960.2
60°	421.4	471.9	529.5	593.0	658.4	734.6	808.5	890.3	972.8	1052.5	1150.3
57.5°	466.8	529.5	599.7	675.4	760.2	845.8	941.9	1034.9	1146.5	1257.9	1368.8
55°	516.2	593.0	675.4	768.8	866.5	973.1	1084.5	1214.4	1340.2	1480.3	1614.4
52.5°	573.0	658.4	760.2	866.5	983.5	1111.8	1255.6	1404.3	1561.0	1713.1	1862.3
50°	628.3	734.6	845.8	973.1	1111.8	1269.3	1436.6	1609.9	1780.9	1947.7	2103.9
47.5°	692.3	808.5	941.9	1084.5	1255.6	1436.6	1626.3	1815.0	1999.5	2170.6	2334.5
45°	757.6	890.3	1034.9	1214.4	1404.3	1609.9	1815.0	2016.8	2204.2	2381.0	2535.8
42.5°	820.4	972.8	1146.5	1340.2	1561.0	1780.9	1999.5	2204.2	2396.2	2566.5	2722.0
40°	891.2	1052.5	1257.9	1480.3	1713.1	1947.7	2170.6	2381.0	2566.5	2736.1	2893.5
37.5°	960.2	1150.3	1368.8	1614.4	1862.3	2103.9	2334.5	2535.8	2722.0	2893.5	3044.4
35°	1025.6	1243.3	1486.6	1744.5	2004.7	2250.4	2474.8	2679.7	2864.6	3031.1	3185.5
32.5°	1098.4	1331.2	1598.1	1869.4	2134.4	2384.6	2607.1	2807.5	2991.4	3160.5	3313.7
30°	1173.4	1426.0	1704.0	1987.0	2256.2	2501.0	2723.1	2926.0	3108.5	3275.4	3425.6
27.5°	1243.3	1515.4	1804.9	2093.5	2367.6	2610.2	2829.3	3029.1	3212.5	3380.6	3526.2
25°	1307.9	1598.1	1898.4	2190.9	2461.3	2704.4	2925.5	3125.2	3307.6	3468.9	3610.4
22.5°	1371.6	1673.9	1984.0	2280.4	2547.4	2788.7	3007.8	3208.0	3390.5	3550.3	3686.1
20°	1433.6	1744.5	2059.6	2359.7	2625.5	2865.3	3082.7	3282.5	3460.1	3614.8	3750.0
17.5°	1488.7	1807.3	2125.7	2423.7	2689.8	2930.6	3148.9	3349.4	3522.8	3673.1	3805.2
15°	1536.9	1862.3	2183.5	2479.8	2745.0	2984.9	3203.3	3401.5	3573.7	3722.8	3854.0
12.5°	1578.0	1909.1	2232.8	2527.7	2792.2	3031.4	3249.8	3445.3	3614.6	3761.7	3890.1
10°	1611.7	1947.7	2273.4	2567.1	2831.2	3069.8	3288.3	3481.5	3648.5	3794.1	3920.2
7.5°	1638.1	1977.8	2305.2	2598.0	2861.7	3099.9	3318.4	3510.0	3675.1	3819.6	3943.9
5°	1657.0	1999.5	2328.0	2620.2	2883.6	3121.5	3340.2	3530.5	3694.3	3838.0	3961.1
2.5°	1668.4	2012.5	2341.7	2633.5	2896.8	3134.6	3353.2	3542.9	3705.9	3849.1	3971.4
0°	1672.2	2016.8	2346.3	2638.0	2901.2	3138.9	3357.6	3547.0	3709.8	3852.8	3974.9
-2.5°	1668.4	2012.5	2341.7	2633.5	2896.8	3134.6	3353.2	3542.9	3705.9	3849.1	3971.4
-5°	1657.0	1999.5	2328.0	2620.2	2883.6	3121.5	3340.2	3530.5	3694.3	3838.0	3961.1
-7.5°	1638.1	1977.8	2305.2	2598.0	2861.7	3099.9	3318.4	3510.0	3675.1	3819.6	3943.9
-10°	1611.7	1947.7	2273.4	2567.1	2831.2	3069.8	3288.3	3481.5	3648.5	3794.1	3920.2
-12.5°	1578.0	1909.1	2232.8	2527.7	2792.2	3031.4	3249.8	3445.3	3614.6	3761.7	3890.1
-15°	1536.9	1862.3	2183.5	2479.8	2745.0	2984.9	3203.3	3401.5	3573.7	3722.8	3854.0
-17.5°	1488.7	1807.3	2125.7	2423.7	2689.8	2930.6	3148.9	3349.4	3522.8	3673.1	3805.2
-20°	1433.6	1744.5	2059.6	2359.7	2625.5	2865.3	3082.7	3282.5	3460.1	3614.8	3750.0



REPORT NUMBER: P645384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1371.6	1673.9	1984.0	2280.4	2547.4	2788.7	3007.8	3208.0	3390.5	3550.3	3686.1
-25°	1307.9	1598.1	1898.4	2190.9	2461.3	2704.4	2925.5	3125.2	3307.6	3468.9	3610.4
-27.5°	1243.3	1515.4	1804.9	2093.5	2367.6	2610.2	2829.3	3029.1	3212.5	3380.6	3526.2
-30°	1173.4	1426.0	1704.0	1987.0	2256.2	2501.0	2723.1	2926.0	3108.5	3275.4	3425.6
-32.5°	1098.4	1331.2	1598.1	1869.4	2134.4	2384.6	2607.1	2807.5	2991.4	3160.5	3313.7
-35°	1025.6	1243.3	1486.6	1744.5	2004.7	2250.4	2474.8	2679.7	2864.6	3031.1	3185.5
-37.5°	960.2	1150.3	1368.8	1614.4	1862.3	2103.9	2334.5	2535.8	2722.0	2893.5	3044.4
-40°	891.2	1052.5	1257.9	1480.3	1713.1	1947.7	2170.6	2381.0	2566.5	2736.1	2893.5
-42.5°	820.4	972.8	1146.5	1340.2	1561.0	1780.9	1999.5	2204.2	2396.2	2566.5	2722.0
-45°	757.6	890.3	1034.9	1214.4	1404.3	1609.9	1815.0	2016.8	2204.2	2381.0	2535.8
-47.5°	692.3	808.5	941.9	1084.5	1255.6	1436.6	1626.3	1815.0	1999.5	2170.6	2334.5
-50°	628.3	734.6	845.8	973.1	1111.8	1269.3	1436.6	1609.9	1780.9	1947.7	2103.9
-52.5°	573.0	658.4	760.2	866.5	983.5	1111.8	1255.6	1404.3	1561.0	1713.1	1862.3
-55°	516.2	593.0	675.4	768.8	866.5	973.1	1084.5	1214.4	1340.2	1480.3	1614.4
-57.5°	466.8	529.5	599.7	675.4	760.2	845.8	941.9	1034.9	1146.5	1257.9	1368.8
-60°	421.4	471.9	529.5	593.0	658.4	734.6	808.5	890.3	972.8	1052.5	1150.3
-62.5°	376.0	421.4	466.8	516.2	573.0	628.3	692.3	757.6	820.4	891.2	960.2
-65°	334.4	371.6	411.4	451.8	491.1	540.0	588.5	635.4	690.6	745.2	797.2
-67.5°	292.0	325.6	358.5	391.5	426.9	461.2	494.5	536.3	576.7	615.4	654.9
-70°	247.3	278.7	308.2	336.7	364.5	392.4	421.9	450.3	477.6	506.3	538.9
-72.5°	201.7	229.2	256.0	282.2	306.6	330.1	352.8	374.7	397.3	420.0	441.7
-75°	158.0	179.4	202.2	224.6	246.4	267.5	287.8	306.5	324.4	341.6	357.9
-77.5°	115.7	133.6	151.0	168.0	184.7	202.3	219.3	235.6	251.2	266.2	280.4
-80°	77.8	87.6	101.4	114.9	128.1	140.9	153.2	165.0	176.4	187.8	199.1
-82.5°	48.3	55.7	62.9	69.9	76.7	83.3	90.3	99.2	107.7	115.8	123.5
-85°	21.9	23.7	28.4	33.1	37.6	42.0	46.3	50.3	54.2	57.9	61.4
-87.5°	10.9	11.8	12.7	13.6	14.4	15.2	16.0	16.8	17.5	18.2	18.8
-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: P645384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-730-U-LAM-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°	19.4	20.0	20.5	21.0	21.5	21.9	22.3	22.6	22.9	23.1	23.3
85°	64.8	67.9	70.8	73.5	76.0	78.3	80.3	82.1	83.7	85.0	86.1
82.5°	130.7	137.6	144.0	149.9	155.3	160.3	164.8	168.7	172.2	175.1	177.5
80°	209.8	219.8	229.2	238.0	246.0	253.3	259.9	265.7	270.8	275.1	278.7
77.5°	293.4	305.4	316.7	327.1	336.7	345.5	353.4	360.4	366.5	371.6	375.9
75°	373.3	388.3	403.7	418.0	431.1	443.1	453.9	463.5	471.9	479.0	484.8
72.5°	462.1	481.4	500.8	522.8	543.1	561.5	578.2	593.0	605.9	616.9	625.9
70°	569.8	598.9	626.1	653.9	683.4	710.3	734.6	756.2	775.0	791.0	804.1
67.5°	699.1	740.7	779.7	815.9	853.7	890.3	923.4	952.7	978.3	1000.1	1018.1
65°	850.2	906.0	958.3	1007.0	1052.5	1105.6	1153.6	1196.2	1233.5	1265.2	1291.2
62.5°	1025.6	1098.4	1173.4	1243.3	1307.9	1371.6	1433.6	1488.7	1536.9	1578.0	1611.7
60°	1243.3	1331.2	1426.0	1515.4	1598.1	1673.9	1744.5	1807.3	1862.3	1909.1	1947.7
57.5°	1486.6	1598.1	1704.0	1804.9	1898.4	1984.0	2059.6	2125.7	2183.5	2232.8	2273.4
55°	1744.5	1869.4	1987.0	2093.5	2190.9	2280.4	2359.7	2423.7	2479.8	2527.7	2567.1
52.5°	2004.7	2134.4	2256.2	2367.6	2461.3	2547.4	2625.5	2689.8	2745.0	2792.2	2831.2
50°	2250.4	2384.6	2501.0	2610.2	2704.4	2788.7	2865.3	2930.6	2984.9	3031.4	3069.8
47.5°	2474.8	2607.1	2723.1	2829.3	2925.5	3007.8	3082.7	3148.9	3203.3	3249.8	3288.3
45°	2679.7	2807.5	2926.0	3029.1	3125.2	3208.0	3282.5	3349.4	3401.5	3445.3	3481.5
42.5°	2864.6	2991.4	3108.5	3212.5	3307.6	3390.5	3460.1	3522.8	3573.7	3614.6	3648.5
40°	3031.1	3160.5	3275.4	3380.6	3468.9	3550.3	3614.8	3673.1	3722.8	3761.7	3794.1
37.5°	3185.5	3313.7	3425.6	3526.2	3610.4	3686.1	3750.0	3805.2	3854.0	3890.1	3920.2
35°	3326.6	3448.4	3559.2	3651.3	3734.8	3806.1	3869.0	3919.9	3965.2	3999.6	4027.1
32.5°	3448.4	3569.2	3672.0	3762.8	3844.3	3910.8	3971.1	4017.8	4058.9	4092.1	4117.6
30°	3559.2	3672.0	3772.2	3862.1	3936.3	4001.1	4055.5	4101.0	4139.0	4170.6	4193.0
27.5°	3651.3	3762.8	3862.1	3944.9	4016.0	4078.4	4128.1	4172.0	4205.2	4234.3	4253.6
25°	3734.8	3844.3	3936.3	4016.0	4085.0	4141.9	4189.3	4229.1	4258.5	4283.4	4297.7
22.5°	3806.1	3910.8	4001.1	4078.4	4141.9	4195.2	4239.8	4273.4	4297.5	4312.6	4321.1
20°	3869.0	3971.1	4055.5	4128.1	4189.3	4239.8	4278.5	4303.4	4320.2	4324.3	4326.8
17.5°	3919.9	4017.8	4101.0	4172.0	4229.1	4273.4	4303.4	4321.0	4326.0	4325.1	4322.5
15°	3965.2	4058.9	4139.0	4205.2	4258.5	4297.5	4320.2	4326.0	4324.5	4319.4	4311.6
12.5°	3999.6	4092.1	4170.6	4234.3	4283.4	4312.6	4324.3	4325.1	4319.4	4309.8	4298.7
10°	4027.1	4117.6	4193.0	4253.6	4297.7	4321.1	4326.8	4322.5	4311.6	4298.7	4286.3
7.5°	4048.8	4137.8	4210.9	4268.9	4307.1	4323.7	4324.9	4317.1	4303.9	4289.2	4275.9
5°	4064.5	4152.4	4223.9	4280.2	4314.0	4325.6	4323.5	4312.8	4297.5	4282.1	4270.0
2.5°	4074.0	4161.3	4231.8	4287.0	4318.2	4326.8	4322.7	4310.1	4293.5	4277.6	4266.1
0°	4077.2	4164.3	4234.4	4289.3	4319.6	4327.2	4322.4	4309.2	4292.1	4276.0	4264.7
-2.5°	4074.0	4161.3	4231.8	4287.0	4318.2	4326.8	4322.7	4310.1	4293.5	4277.6	4266.1
-5°	4064.5	4152.4	4223.9	4280.2	4314.0	4325.6	4323.5	4312.8	4297.5	4282.1	4270.0
-7.5°	4048.8	4137.8	4210.9	4268.9	4307.1	4323.7	4324.9	4317.1	4303.9	4289.2	4275.9
-10°	4027.1	4117.6	4193.0	4253.6	4297.7	4321.1	4326.8	4322.5	4311.6	4298.7	4286.3
-12.5°	3999.6	4092.1	4170.6	4234.3	4283.4	4312.6	4324.3	4325.1	4319.4	4309.8	4298.7
-15°	3965.2	4058.9	4139.0	4205.2	4258.5	4297.5	4320.2	4326.0	4324.5	4319.4	4311.6
-17.5°	3919.9	4017.8	4101.0	4172.0	4229.1	4273.4	4303.4	4321.0	4326.0	4325.1	4322.5
-20°	3869.0	3971.1	4055.5	4128.1	4189.3	4239.8	4278.5	4303.4	4320.2	4324.3	4326.8



REPORT NUMBER: P645384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3806.1	3910.8	4001.1	4078.4	4141.9	4195.2	4239.8	4273.4	4297.5	4312.6	4321.1
-25°	3734.8	3844.3	3936.3	4016.0	4085.0	4141.9	4189.3	4229.1	4258.5	4283.4	4297.7
-27.5°	3651.3	3762.8	3862.1	3944.9	4016.0	4078.4	4128.1	4172.0	4205.2	4234.3	4253.6
-30°	3559.2	3672.0	3772.2	3862.1	3936.3	4001.1	4055.5	4101.0	4139.0	4170.6	4193.0
-32.5°	3448.4	3569.2	3672.0	3762.8	3844.3	3910.8	3971.1	4017.8	4058.9	4092.1	4117.6
-35°	3326.6	3448.4	3559.2	3651.3	3734.8	3806.1	3869.0	3919.9	3965.2	3999.6	4027.1
-37.5°	3185.5	3313.7	3425.6	3526.2	3610.4	3686.1	3750.0	3805.2	3854.0	3890.1	3920.2
-40°	3031.1	3160.5	3275.4	3380.6	3468.9	3550.3	3614.8	3673.1	3722.8	3761.7	3794.1
-42.5°	2864.6	2991.4	3108.5	3212.5	3307.6	3390.5	3460.1	3522.8	3573.7	3614.6	3648.5
-45°	2679.7	2807.5	2926.0	3029.1	3125.2	3208.0	3282.5	3349.4	3401.5	3445.3	3481.5
-47.5°	2474.8	2607.1	2723.1	2829.3	2925.5	3007.8	3082.7	3148.9	3203.3	3249.8	3288.3
-50°	2250.4	2384.6	2501.0	2610.2	2704.4	2788.7	2865.3	2930.6	2984.9	3031.4	3069.8
-52.5°	2004.7	2134.4	2256.2	2367.6	2461.3	2547.4	2625.5	2689.8	2745.0	2792.2	2831.2
-55°	1744.5	1869.4	1987.0	2093.5	2190.9	2280.4	2359.7	2423.7	2479.8	2527.7	2567.1
-57.5°	1486.6	1598.1	1704.0	1804.9	1898.4	1984.0	2059.6	2125.7	2183.5	2232.8	2273.4
-60°	1243.3	1331.2	1426.0	1515.4	1598.1	1673.9	1744.5	1807.3	1862.3	1909.1	1947.7
-62.5°	1025.6	1098.4	1173.4	1243.3	1307.9	1371.6	1433.6	1488.7	1536.9	1578.0	1611.7
-65°	850.2	906.0	958.3	1007.0	1052.5	1105.6	1153.6	1196.2	1233.5	1265.2	1291.2
-67.5°	699.1	740.7	779.7	815.9	853.7	890.3	923.4	952.7	978.3	1000.1	1018.1
-70°	569.8	598.9	626.1	653.9	683.4	710.3	734.6	756.2	775.0	791.0	804.1
-72.5°	462.1	481.4	500.8	522.8	543.1	561.5	578.2	593.0	605.9	616.9	625.9
-75°	373.3	388.3	403.7	418.0	431.1	443.1	453.9	463.5	471.9	479.0	484.8
-77.5°	293.4	305.4	316.7	327.1	336.7	345.5	353.4	360.4	366.5	371.6	375.9
-80°	209.8	219.8	229.2	238.0	246.0	253.3	259.9	265.7	270.8	275.1	278.7
-82.5°	130.7	137.6	144.0	149.9	155.3	160.3	164.8	168.7	172.2	175.1	177.5
-85°	64.8	67.9	70.8	73.5	76.0	78.3	80.3	82.1	83.7	85.0	86.1
-87.5°	19.4	20.0	20.5	21.0	21.5	21.9	22.3	22.6	22.9	23.1	23.3
-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: P645384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-730-U-LAM-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°	23.5	23.6	23.7	23.7	23.7	23.6	23.5	23.3	23.1	22.9	22.6
85°	87.0	87.6	88.0	88.1	88.0	87.6	87.0	86.1	85.0	83.7	82.1
82.5°	179.4	180.7	181.5	181.8	181.5	180.7	179.4	177.5	175.1	172.2	168.7
80°	281.4	283.4	284.6	285.0	284.6	283.4	281.4	278.7	275.1	270.8	265.7
77.5°	379.2	381.6	383.0	383.5	383.0	381.6	379.2	375.9	371.6	366.5	360.4
75°	489.3	492.6	494.5	495.2	494.5	492.6	489.3	484.8	479.0	471.9	463.5
72.5°	632.9	638.0	641.0	642.0	641.0	638.0	632.9	625.9	616.9	605.9	593.0
70°	814.4	821.7	826.1	827.6	826.1	821.7	814.4	804.1	791.0	775.0	756.2
67.5°	1032.0	1042.1	1048.1	1050.1	1048.1	1042.1	1032.0	1018.1	1000.1	978.3	952.7
65°	1311.6	1326.2	1335.0	1337.9	1335.0	1326.2	1311.6	1291.2	1265.2	1233.5	1196.2
62.5°	1638.1	1657.0	1668.4	1672.2	1668.4	1657.0	1638.1	1611.7	1578.0	1536.9	1488.7
60°	1977.8	1999.5	2012.5	2016.8	2012.5	1999.5	1977.8	1947.7	1909.1	1862.3	1807.3
57.5°	2305.2	2328.0	2341.7	2346.3	2341.7	2328.0	2305.2	2273.4	2232.8	2183.5	2125.7
55°	2598.0	2620.2	2633.5	2638.0	2633.5	2620.2	2598.0	2567.1	2527.7	2479.8	2423.7
52.5°	2861.7	2883.6	2896.8	2901.2	2896.8	2883.6	2861.7	2831.2	2792.2	2745.0	2689.8
50°	3099.9	3121.5	3134.6	3138.9	3134.6	3121.5	3099.9	3069.8	3031.4	2984.9	2930.6
47.5°	3318.4	3340.2	3353.2	3357.6	3353.2	3340.2	3318.4	3288.3	3249.8	3203.3	3148.9
45°	3510.0	3530.5	3542.9	3547.0	3542.9	3530.5	3510.0	3481.5	3445.3	3401.5	3349.4
42.5°	3675.1	3694.3	3705.9	3709.8	3705.9	3694.3	3675.1	3648.5	3614.6	3573.7	3522.8
40°	3819.6	3838.0	3849.1	3852.8	3849.1	3838.0	3819.6	3794.1	3761.7	3722.8	3673.1
37.5°	3943.9	3961.1	3971.4	3974.9	3971.4	3961.1	3943.9	3920.2	3890.1	3854.0	3805.2
35°	4048.8	4064.5	4074.0	4077.2	4074.0	4064.5	4048.8	4027.1	3999.6	3965.2	3919.9
32.5°	4137.8	4152.4	4161.3	4164.3	4161.3	4152.4	4137.8	4117.6	4092.1	4058.9	4017.8
30°	4210.9	4223.9	4231.8	4234.4	4231.8	4223.9	4210.9	4193.0	4170.6	4139.0	4101.0
27.5°	4268.9	4280.2	4287.0	4289.3	4287.0	4280.2	4268.9	4253.6	4234.3	4205.2	4172.0
25°	4307.1	4314.0	4318.2	4319.6	4318.2	4314.0	4307.1	4297.7	4283.4	4258.5	4229.1
22.5°	4323.7	4325.6	4326.8	4327.2	4326.8	4325.6	4323.7	4321.1	4312.6	4297.5	4273.4
20°	4324.9	4323.5	4322.7	4322.4	4322.7	4323.5	4324.9	4326.8	4324.3	4320.2	4303.4
17.5°	4317.1	4312.8	4310.1	4309.2	4310.1	4312.8	4317.1	4322.5	4325.1	4326.0	4321.0
15°	4303.9	4297.5	4293.5	4292.1	4293.5	4297.5	4303.9	4311.6	4319.4	4324.5	4326.0
12.5°	4289.2	4282.1	4277.6	4276.0	4277.6	4282.1	4289.2	4298.7	4309.8	4319.4	4325.1
10°	4275.9	4270.0	4266.1	4264.7	4266.1	4270.0	4275.9	4286.3	4298.7	4311.6	4322.5
7.5°	4267.4	4262.1	4259.2	4258.1	4259.2	4262.1	4267.4	4275.9	4289.2	4303.9	4317.1
5°	4262.1	4256.8	4252.3	4250.5	4252.3	4256.8	4262.1	4270.0	4282.1	4297.5	4312.8
2.5°	4259.2	4252.3	4245.5	4242.0	4245.5	4252.3	4259.2	4266.1	4277.6	4293.5	4310.1
0°	4258.1	4250.5	4242.0	4242.9	4242.0	4250.5	4258.1	4264.7	4276.0	4292.1	4309.2
-2.5°	4259.2	4252.3	4245.5	4242.0	4245.5	4252.3	4259.2	4266.1	4277.6	4293.5	4310.1
-5°	4262.1	4256.8	4252.3	4250.5	4252.3	4256.8	4262.1	4270.0	4282.1	4297.5	4312.8
-7.5°	4267.4	4262.1	4259.2	4258.1	4259.2	4262.1	4267.4	4275.9	4289.2	4303.9	4317.1
-10°	4275.9	4270.0	4266.1	4264.7	4266.1	4270.0	4275.9	4286.3	4298.7	4311.6	4322.5
-12.5°	4289.2	4282.1	4277.6	4276.0	4277.6	4282.1	4289.2	4298.7	4309.8	4319.4	4325.1
-15°	4303.9	4297.5	4293.5	4292.1	4293.5	4297.5	4303.9	4311.6	4319.4	4324.5	4326.0
-17.5°	4317.1	4312.8	4310.1	4309.2	4310.1	4312.8	4317.1	4322.5	4325.1	4326.0	4321.0
-20°	4324.9	4323.5	4322.7	4322.4	4322.7	4323.5	4324.9	4326.8	4324.3	4320.2	4303.4

Classified

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

Scaled Data Report



REPORT NUMBER: P645384 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4323.7	4325.6	4326.8	4327.2	4326.8	4325.6	4323.7	4321.1	4312.6	4297.5	4273.4
-25°	4307.1	4314.0	4318.2	4319.6	4318.2	4314.0	4307.1	4297.7	4283.4	4258.5	4229.1
-27.5°	4268.9	4280.2	4287.0	4289.3	4287.0	4280.2	4268.9	4253.6	4234.3	4205.2	4172.0
-30°	4210.9	4223.9	4231.8	4234.4	4231.8	4223.9	4210.9	4193.0	4170.6	4139.0	4101.0
-32.5°	4137.8	4152.4	4161.3	4164.3	4161.3	4152.4	4137.8	4117.6	4092.1	4058.9	4017.8
-35°	4048.8	4064.5	4074.0	4077.2	4074.0	4064.5	4048.8	4027.1	3999.6	3965.2	3919.9
-37.5°	3943.9	3961.1	3971.4	3974.9	3971.4	3961.1	3943.9	3920.2	3890.1	3854.0	3805.2
-40°	3819.6	3838.0	3849.1	3852.8	3849.1	3838.0	3819.6	3794.1	3761.7	3722.8	3673.1
-42.5°	3675.1	3694.3	3705.9	3709.8	3705.9	3694.3	3675.1	3648.5	3614.6	3573.7	3522.8
-45°	3510.0	3530.5	3542.9	3547.0	3542.9	3530.5	3510.0	3481.5	3445.3	3401.5	3349.4
-47.5°	3318.4	3340.2	3353.2	3357.6	3353.2	3340.2	3318.4	3288.3	3249.8	3203.3	3148.9
-50°	3099.9	3121.5	3134.6	3138.9	3134.6	3121.5	3099.9	3069.8	3031.4	2984.9	2930.6
-52.5°	2861.7	2883.6	2896.8	2901.2	2896.8	2883.6	2861.7	2831.2	2792.2	2745.0	2689.8
-55°	2598.0	2620.2	2633.5	2638.0	2633.5	2620.2	2598.0	2567.1	2527.7	2479.8	2423.7
-57.5°	2305.2	2328.0	2341.7	2346.3	2341.7	2328.0	2305.2	2273.4	2232.8	2183.5	2125.7
-60°	1977.8	1999.5	2012.5	2016.8	2012.5	1999.5	1977.8	1947.7	1909.1	1862.3	1807.3
-62.5°	1638.1	1657.0	1668.4	1672.2	1668.4	1657.0	1638.1	1611.7	1578.0	1536.9	1488.7
-65°	1311.6	1326.2	1335.0	1337.9	1335.0	1326.2	1311.6	1291.2	1265.2	1233.5	1196.2
-67.5°	1032.0	1042.1	1048.1	1050.1	1048.1	1042.1	1032.0	1018.1	1000.1	978.3	952.7
-70°	814.4	821.7	826.1	827.6	826.1	821.7	814.4	804.1	791.0	775.0	756.2
-72.5°	632.9	638.0	641.0	642.0	641.0	638.0	632.9	625.9	616.9	605.9	593.0
-75°	489.3	492.6	494.5	495.2	494.5	492.6	489.3	484.8	479.0	471.9	463.5
-77.5°	379.2	381.6	383.0	383.5	383.0	381.6	379.2	375.9	371.6	366.5	360.4
-80°	281.4	283.4	284.6	285.0	284.6	283.4	281.4	278.7	275.1	270.8	265.7
-82.5°	179.4	180.7	181.5	181.8	181.5	180.7	179.4	177.5	175.1	172.2	168.7
-85°	87.0	87.6	88.0	88.1	88.0	87.6	87.0	86.1	85.0	83.7	82.1
-87.5°	23.5	23.6	23.7	23.7	23.7	23.6	23.5	23.3	23.1	22.9	22.6
-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: P645384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-730-U-LAM-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°	22.3	21.9	21.5	21.0	20.5	20.0	19.4	18.8	18.2	17.5	16.8
85°	80.3	78.3	76.0	73.5	70.8	67.9	64.8	61.4	57.9	54.2	50.3
82.5°	164.8	160.3	155.3	149.9	144.0	137.6	130.7	123.5	115.8	107.7	99.2
80°	259.9	253.3	246.0	238.0	229.2	219.8	209.8	199.1	187.8	176.4	165.0
77.5°	353.4	345.5	336.7	327.1	316.7	305.4	293.4	280.4	266.2	251.2	235.6
75°	453.9	443.1	431.1	418.0	403.7	388.3	373.3	357.9	341.6	324.4	306.5
72.5°	578.2	561.5	543.1	522.8	500.8	481.4	462.1	441.7	420.0	397.3	374.7
70°	734.6	710.3	683.4	653.9	626.1	598.9	569.8	538.9	506.3	477.6	450.3
67.5°	923.4	890.3	853.7	815.9	779.7	740.7	699.1	654.9	615.4	576.7	536.3
65°	1153.6	1105.6	1052.5	1007.0	958.3	906.0	850.2	797.2	745.2	690.6	635.4
62.5°	1433.6	1371.6	1307.9	1243.3	1173.4	1098.4	1025.6	960.2	891.2	820.4	757.6
60°	1744.5	1673.9	1598.1	1515.4	1426.0	1331.2	1243.3	1150.3	1052.5	972.8	890.3
57.5°	2059.6	1984.0	1898.4	1804.9	1704.0	1598.1	1486.6	1368.8	1257.9	1146.5	1034.9
55°	2359.7	2280.4	2190.9	2093.5	1987.0	1869.4	1744.5	1614.4	1480.3	1340.2	1214.4
52.5°	2625.5	2547.4	2461.3	2367.6	2256.2	2134.4	2004.7	1862.3	1713.1	1561.0	1404.3
50°	2865.3	2788.7	2704.4	2610.2	2501.0	2384.6	2250.4	2103.9	1947.7	1780.9	1609.9
47.5°	3082.7	3007.8	2925.5	2829.3	2723.1	2607.1	2474.8	2334.5	2170.6	1999.5	1815.0
45°	3282.5	3208.0	3125.2	3029.1	2926.0	2807.5	2679.7	2535.8	2381.0	2204.2	2016.8
42.5°	3460.1	3390.5	3307.6	3212.5	3108.5	2991.4	2864.6	2722.0	2566.5	2396.2	2204.2
40°	3614.8	3550.3	3468.9	3380.6	3275.4	3160.5	3031.1	2893.5	2736.1	2566.5	2381.0
37.5°	3750.0	3686.1	3610.4	3526.2	3425.6	3313.7	3185.5	3044.4	2893.5	2722.0	2535.8
35°	3869.0	3806.1	3734.8	3651.3	3559.2	3448.4	3326.6	3185.5	3031.1	2864.6	2679.7
32.5°	3971.1	3910.8	3844.3	3762.8	3672.0	3569.2	3448.4	3313.7	3160.5	2991.4	2807.5
30°	4055.5	4001.1	3936.3	3862.1	3772.2	3672.0	3559.2	3425.6	3275.4	3108.5	2926.0
27.5°	4128.1	4078.4	4016.0	3944.9	3862.1	3762.8	3651.3	3526.2	3380.6	3212.5	3029.1
25°	4189.3	4141.9	4085.0	4016.0	3936.3	3844.3	3734.8	3610.4	3468.9	3307.6	3125.2
22.5°	4239.8	4195.2	4141.9	4078.4	4001.1	3910.8	3806.1	3686.1	3550.3	3390.5	3208.0
20°	4278.5	4239.8	4189.3	4128.1	4055.5	3971.1	3869.0	3750.0	3614.8	3460.1	3282.5
17.5°	4303.4	4273.4	4229.1	4172.0	4101.0	4017.8	3919.9	3805.2	3673.1	3522.8	3349.4
15°	4320.2	4297.5	4258.5	4205.2	4139.0	4058.9	3965.2	3854.0	3722.8	3573.7	3401.5
12.5°	4324.3	4312.6	4283.4	4234.3	4170.6	4092.1	3999.6	3890.1	3761.7	3614.6	3445.3
10°	4326.8	4321.1	4297.7	4253.6	4193.0	4117.6	4027.1	3920.2	3794.1	3648.5	3481.5
7.5°	4324.9	4323.7	4307.1	4268.9	4210.9	4137.8	4048.8	3943.9	3819.6	3675.1	3510.0
5°	4323.5	4325.6	4314.0	4280.2	4223.9	4152.4	4064.5	3961.1	3838.0	3694.3	3530.5
2.5°	4322.7	4326.8	4318.2	4287.0	4231.8	4161.3	4074.0	3971.4	3849.1	3705.9	3542.9
0°	4322.4	4327.2	4319.6	4289.3	4234.4	4164.3	4077.2	3974.9	3852.8	3709.8	3547.0
-2.5°	4322.7	4326.8	4318.2	4287.0	4231.8	4161.3	4074.0	3971.4	3849.1	3705.9	3542.9
-5°	4323.5	4325.6	4314.0	4280.2	4223.9	4152.4	4064.5	3961.1	3838.0	3694.3	3530.5
-7.5°	4324.9	4323.7	4307.1	4268.9	4210.9	4137.8	4048.8	3943.9	3819.6	3675.1	3510.0
-10°	4326.8	4321.1	4297.7	4253.6	4193.0	4117.6	4027.1	3920.2	3794.1	3648.5	3481.5
-12.5°	4324.3	4312.6	4283.4	4234.3	4170.6	4092.1	3999.6	3890.1	3761.7	3614.6	3445.3
-15°	4320.2	4297.5	4258.5	4205.2	4139.0	4058.9	3965.2	3854.0	3722.8	3573.7	3401.5
-17.5°	4303.4	4273.4	4229.1	4172.0	4101.0	4017.8	3919.9	3805.2	3673.1	3522.8	3349.4
-20°	4278.5	4239.8	4189.3	4128.1	4055.5	3971.1	3869.0	3750.0	3614.8	3460.1	3282.5



REPORT NUMBER: P645384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	4239.8	4195.2	4141.9	4078.4	4001.1	3910.8	3806.1	3686.1	3550.3	3390.5	3208.0
-25°	4189.3	4141.9	4085.0	4016.0	3936.3	3844.3	3734.8	3610.4	3468.9	3307.6	3125.2
-27.5°	4128.1	4078.4	4016.0	3944.9	3862.1	3762.8	3651.3	3526.2	3380.6	3212.5	3029.1
-30°	4055.5	4001.1	3936.3	3862.1	3772.2	3672.0	3559.2	3425.6	3275.4	3108.5	2926.0
-32.5°	3971.1	3910.8	3844.3	3762.8	3672.0	3569.2	3448.4	3313.7	3160.5	2991.4	2807.5
-35°	3869.0	3806.1	3734.8	3651.3	3559.2	3448.4	3326.6	3185.5	3031.1	2864.6	2679.7
-37.5°	3750.0	3686.1	3610.4	3526.2	3425.6	3313.7	3185.5	3044.4	2893.5	2722.0	2535.8
-40°	3614.8	3550.3	3468.9	3380.6	3275.4	3160.5	3031.1	2893.5	2736.1	2566.5	2381.0
-42.5°	3460.1	3390.5	3307.6	3212.5	3108.5	2991.4	2864.6	2722.0	2566.5	2396.2	2204.2
-45°	3282.5	3208.0	3125.2	3029.1	2926.0	2807.5	2679.7	2535.8	2381.0	2204.2	2016.8
-47.5°	3082.7	3007.8	2925.5	2829.3	2723.1	2607.1	2474.8	2334.5	2170.6	1999.5	1815.0
-50°	2865.3	2788.7	2704.4	2610.2	2501.0	2384.6	2250.4	2103.9	1947.7	1780.9	1609.9
-52.5°	2625.5	2547.4	2461.3	2367.6	2256.2	2134.4	2004.7	1862.3	1713.1	1561.0	1404.3
-55°	2359.7	2280.4	2190.9	2093.5	1987.0	1869.4	1744.5	1614.4	1480.3	1340.2	1214.4
-57.5°	2059.6	1984.0	1898.4	1804.9	1704.0	1598.1	1486.6	1368.8	1257.9	1146.5	1034.9
-60°	1744.5	1673.9	1598.1	1515.4	1426.0	1331.2	1243.3	1150.3	1052.5	972.8	890.3
-62.5°	1433.6	1371.6	1307.9	1243.3	1173.4	1098.4	1025.6	960.2	891.2	820.4	757.6
-65°	1153.6	1105.6	1052.5	1007.0	958.3	906.0	850.2	797.2	745.2	690.6	635.4
-67.5°	923.4	890.3	853.7	815.9	779.7	740.7	699.1	654.9	615.4	576.7	536.3
-70°	734.6	710.3	683.4	653.9	626.1	598.9	569.8	538.9	506.3	477.6	450.3
-72.5°	578.2	561.5	543.1	522.8	500.8	481.4	462.1	441.7	420.0	397.3	374.7
-75°	453.9	443.1	431.1	418.0	403.7	388.3	373.3	357.9	341.6	324.4	306.5
-77.5°	353.4	345.5	336.7	327.1	316.7	305.4	293.4	280.4	266.2	251.2	235.6
-80°	259.9	253.3	246.0	238.0	229.2	219.8	209.8	199.1	187.8	176.4	165.0
-82.5°	164.8	160.3	155.3	149.9	144.0	137.6	130.7	123.5	115.8	107.7	99.2
-85°	80.3	78.3	76.0	73.5	70.8	67.9	64.8	61.4	57.9	54.2	50.3
-87.5°	22.3	21.9	21.5	21.0	20.5	20.0	19.4	18.8	18.2	17.5	16.8
-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: P645384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2D-730-U-LAM-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°	16.0	15.2	14.4	13.6	12.7	11.8	10.9	10.0	9.1	8.1	7.1
85°	46.3	42.0	37.6	33.1	28.4	23.7	21.9	20.0	18.1	16.2	14.2
82.5°	90.3	83.3	76.7	69.9	62.9	55.7	48.3	40.8	33.1	25.2	21.3
80°	153.2	140.9	128.1	114.9	101.4	87.6	77.8	67.7	57.5	47.0	36.4
77.5°	219.3	202.3	184.7	168.0	151.0	133.6	115.7	97.4	81.7	68.7	55.4
75°	287.8	267.5	246.4	224.6	202.2	179.4	158.0	136.1	113.7	91.0	74.3
72.5°	352.8	330.1	306.6	282.2	256.0	229.2	201.7	174.3	148.4	122.0	95.1
70°	421.9	392.4	364.5	336.7	308.2	278.7	247.3	215.3	182.7	152.5	122.0
67.5°	494.5	461.2	426.9	391.5	358.5	325.6	292.0	256.4	219.8	182.7	148.4
65°	588.5	540.0	491.1	451.8	411.4	371.6	334.4	296.4	256.4	215.3	174.3
62.5°	692.3	628.3	573.0	516.2	466.8	421.4	376.0	334.4	292.0	247.3	201.7
60°	808.5	734.6	658.4	593.0	529.5	471.9	421.4	371.6	325.6	278.7	229.2
57.5°	941.9	845.8	760.2	675.4	599.7	529.5	466.8	411.4	358.5	308.2	256.0
55°	1084.5	973.1	866.5	768.8	675.4	593.0	516.2	451.8	391.5	336.7	282.2
52.5°	1255.6	1111.8	983.5	866.5	760.2	658.4	573.0	491.1	426.9	364.5	306.6
50°	1436.6	1269.3	1111.8	973.1	845.8	734.6	628.3	540.0	461.2	392.4	330.1
47.5°	1626.3	1436.6	1255.6	1084.5	941.9	808.5	692.3	588.5	494.5	421.9	352.8
45°	1815.0	1609.9	1404.3	1214.4	1034.9	890.3	757.6	635.4	536.3	450.3	374.7
42.5°	1999.5	1780.9	1561.0	1340.2	1146.5	972.8	820.4	690.6	576.7	477.6	397.3
40°	2170.6	1947.7	1713.1	1480.3	1257.9	1052.5	891.2	745.2	615.4	506.3	420.0
37.5°	2334.5	2103.9	1862.3	1614.4	1368.8	1150.3	960.2	797.2	654.9	538.9	441.7
35°	2474.8	2250.4	2004.7	1744.5	1486.6	1243.3	1025.6	850.2	699.1	569.8	462.1
32.5°	2607.1	2384.6	2134.4	1869.4	1598.1	1331.2	1098.4	906.0	740.7	598.9	481.4
30°	2723.1	2501.0	2256.2	1987.0	1704.0	1426.0	1173.4	958.3	779.7	626.1	500.8
27.5°	2829.3	2610.2	2367.6	2093.5	1804.9	1515.4	1243.3	1007.0	815.9	653.9	522.8
25°	2925.5	2704.4	2461.3	2190.9	1898.4	1598.1	1307.9	1052.5	853.7	683.4	543.1
22.5°	3007.8	2788.7	2547.4	2280.4	1984.0	1673.9	1371.6	1105.6	890.3	710.3	561.5
20°	3082.7	2865.3	2625.5	2359.7	2059.6	1744.5	1433.6	1153.6	923.4	734.6	578.2
17.5°	3148.9	2930.6	2689.8	2423.7	2125.7	1807.3	1488.7	1196.2	952.7	756.2	593.0
15°	3203.3	2984.9	2745.0	2479.8	2183.5	1862.3	1536.9	1233.5	978.3	775.0	605.9
12.5°	3249.8	3031.4	2792.2	2527.7	2232.8	1909.1	1578.0	1265.2	1000.1	791.0	616.9
10°	3288.3	3069.8	2831.2	2567.1	2273.4	1947.7	1611.7	1291.2	1018.1	804.1	625.9
7.5°	3318.4	3099.9	2861.7	2598.0	2305.2	1977.8	1638.1	1311.6	1032.0	814.4	632.9
5°	3340.2	3121.5	2883.6	2620.2	2328.0	1999.5	1657.0	1326.2	1042.1	821.7	638.0
2.5°	3353.2	3134.6	2896.8	2633.5	2341.7	2012.5	1668.4	1335.0	1048.1	826.1	641.0
0°	3357.6	3138.9	2901.2	2638.0	2346.3	2016.8	1672.2	1337.9	1050.1	827.6	642.0
-2.5°	3353.2	3134.6	2896.8	2633.5	2341.7	2012.5	1668.4	1335.0	1048.1	826.1	641.0
-5°	3340.2	3121.5	2883.6	2620.2	2328.0	1999.5	1657.0	1326.2	1042.1	821.7	638.0
-7.5°	3318.4	3099.9	2861.7	2598.0	2305.2	1977.8	1638.1	1311.6	1032.0	814.4	632.9
-10°	3288.3	3069.8	2831.2	2567.1	2273.4	1947.7	1611.7	1291.2	1018.1	804.1	625.9
-12.5°	3249.8	3031.4	2792.2	2527.7	2232.8	1909.1	1578.0	1265.2	1000.1	791.0	616.9
-15°	3203.3	2984.9	2745.0	2479.8	2183.5	1862.3	1536.9	1233.5	978.3	775.0	605.9
-17.5°	3148.9	2930.6	2689.8	2423.7	2125.7	1807.3	1488.7	1196.2	952.7	756.2	593.0
-20°	3082.7	2865.3	2625.5	2359.7	2059.6	1744.5	1433.6	1153.6	923.4	734.6	578.2

Classified

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

Scaled Data Report



REPORT NUMBER: P645384 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3007.8	2788.7	2547.4	2280.4	1984.0	1673.9	1371.6	1105.6	890.3	710.3	561.5
-25°	2925.5	2704.4	2461.3	2190.9	1898.4	1598.1	1307.9	1052.5	853.7	683.4	543.1
-27.5°	2829.3	2610.2	2367.6	2093.5	1804.9	1515.4	1243.3	1007.0	815.9	653.9	522.8
-30°	2723.1	2501.0	2256.2	1987.0	1704.0	1426.0	1173.4	958.3	779.7	626.1	500.8
-32.5°	2607.1	2384.6	2134.4	1869.4	1598.1	1331.2	1098.4	906.0	740.7	598.9	481.4
-35°	2474.8	2250.4	2004.7	1744.5	1486.6	1243.3	1025.6	850.2	699.1	569.8	462.1
-37.5°	2334.5	2103.9	1862.3	1614.4	1368.8	1150.3	960.2	797.2	654.9	538.9	441.7
-40°	2170.6	1947.7	1713.1	1480.3	1257.9	1052.5	891.2	745.2	615.4	506.3	420.0
-42.5°	1999.5	1780.9	1561.0	1340.2	1146.5	972.8	820.4	690.6	576.7	477.6	397.3
-45°	1815.0	1609.9	1404.3	1214.4	1034.9	890.3	757.6	635.4	536.3	450.3	374.7
-47.5°	1626.3	1436.6	1255.6	1084.5	941.9	808.5	692.3	588.5	494.5	421.9	352.8
-50°	1436.6	1269.3	1111.8	973.1	845.8	734.6	628.3	540.0	461.2	392.4	330.1
-52.5°	1255.6	1111.8	983.5	866.5	760.2	658.4	573.0	491.1	426.9	364.5	306.6
-55°	1084.5	973.1	866.5	768.8	675.4	593.0	516.2	451.8	391.5	336.7	282.2
-57.5°	941.9	845.8	760.2	675.4	599.7	529.5	466.8	411.4	358.5	308.2	256.0
-60°	808.5	734.6	658.4	593.0	529.5	471.9	421.4	371.6	325.6	278.7	229.2
-62.5°	692.3	628.3	573.0	516.2	466.8	421.4	376.0	334.4	292.0	247.3	201.7
-65°	588.5	540.0	491.1	451.8	411.4	371.6	334.4	296.4	256.4	215.3	174.3
-67.5°	494.5	461.2	426.9	391.5	358.5	325.6	292.0	256.4	219.8	182.7	148.4
-70°	421.9	392.4	364.5	336.7	308.2	278.7	247.3	215.3	182.7	152.5	122.0
-72.5°	352.8	330.1	306.6	282.2	256.0	229.2	201.7	174.3	148.4	122.0	95.1
-75°	287.8	267.5	246.4	224.6	202.2	179.4	158.0	136.1	113.7	91.0	74.3
-77.5°	219.3	202.3	184.7	168.0	151.0	133.6	115.7	97.4	81.7	68.7	55.4
-80°	153.2	140.9	128.1	114.9	101.4	87.6	77.8	67.7	57.5	47.0	36.4
-82.5°	90.3	83.3	76.7	69.9	62.9	55.7	48.3	40.8	33.1	25.2	21.3
-85°	46.3	42.0	37.6	33.1	28.4	23.7	21.9	20.0	18.1	16.2	14.2
-87.5°	16.0	15.2	14.4	13.6	12.7	11.8	10.9	10.0	9.1	8.1	7.1
-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: P645384 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-730-U-LAM-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°	6.1	5.1	4.1	3.1	2.1	1.0	0.0
85°	12.3	10.2	8.2	6.2	4.1	2.1	0.0
82.5°	18.4	15.3	12.3	9.3	6.2	3.1	0.0
80°	25.7	20.4	16.4	12.3	8.2	4.1	0.0
77.5°	42.0	28.5	20.4	15.3	10.2	5.1	0.0
75°	58.2	42.0	25.7	18.4	12.3	6.1	0.0
72.5°	74.3	55.4	36.4	21.3	14.2	7.1	0.0
70°	91.0	68.7	47.0	25.2	16.2	8.1	0.0
67.5°	113.7	81.7	57.5	33.1	18.1	9.1	0.0
65°	136.1	97.4	67.7	40.8	20.0	10.0	0.0
62.5°	158.0	115.7	77.8	48.3	21.9	10.9	0.0
60°	179.4	133.6	87.6	55.7	23.7	11.8	0.0
57.5°	202.2	151.0	101.4	62.9	28.4	12.7	0.0
55°	224.6	168.0	114.9	69.9	33.1	13.6	0.0
52.5°	246.4	184.7	128.1	76.7	37.6	14.4	0.0
50°	267.5	202.3	140.9	83.3	42.0	15.2	0.0
47.5°	287.8	219.3	153.2	90.3	46.3	16.0	0.0
45°	306.5	235.6	165.0	99.2	50.3	16.8	0.0
42.5°	324.4	251.2	176.4	107.7	54.2	17.5	0.0
40°	341.6	266.2	187.8	115.8	57.9	18.2	0.0
37.5°	357.9	280.4	199.1	123.5	61.4	18.8	0.0
35°	373.3	293.4	209.8	130.7	64.8	19.4	0.0
32.5°	388.3	305.4	219.8	137.6	67.9	20.0	0.0
30°	403.7	316.7	229.2	144.0	70.8	20.5	0.0
27.5°	418.0	327.1	238.0	149.9	73.5	21.0	0.0
25°	431.1	336.7	246.0	155.3	76.0	21.5	0.0
22.5°	443.1	345.5	253.3	160.3	78.3	21.9	0.0
20°	453.9	353.4	259.9	164.8	80.3	22.3	0.0
17.5°	463.5	360.4	265.7	168.7	82.1	22.6	0.0
15°	471.9	366.5	270.8	172.2	83.7	22.9	0.0
12.5°	479.0	371.6	275.1	175.1	85.0	23.1	0.0
10°	484.8	375.9	278.7	177.5	86.1	23.3	0.0
7.5°	489.3	379.2	281.4	179.4	87.0	23.5	0.0
5°	492.6	381.6	283.4	180.7	87.6	23.6	0.0
2.5°	494.5	383.0	284.6	181.5	88.0	23.7	0.0
0°	495.2	383.5	285.0	181.8	88.1	23.7	0.0
-2.5°	494.5	383.0	284.6	181.5	88.0	23.7	0.0
-5°	492.6	381.6	283.4	180.7	87.6	23.6	0.0
-7.5°	489.3	379.2	281.4	179.4	87.0	23.5	0.0
-10°	484.8	375.9	278.7	177.5	86.1	23.3	0.0
-12.5°	479.0	371.6	275.1	175.1	85.0	23.1	0.0
-15°	471.9	366.5	270.8	172.2	83.7	22.9	0.0
-17.5°	463.5	360.4	265.7	168.7	82.1	22.6	0.0
-20°	453.9	353.4	259.9	164.8	80.3	22.3	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P645384 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA2D-730-U-LAM-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	443.1	345.5	253.3	160.3	78.3	21.9	0.0
-25°	431.1	336.7	246.0	155.3	76.0	21.5	0.0
-27.5°	418.0	327.1	238.0	149.9	73.5	21.0	0.0
-30°	403.7	316.7	229.2	144.0	70.8	20.5	0.0
-32.5°	388.3	305.4	219.8	137.6	67.9	20.0	0.0
-35°	373.3	293.4	209.8	130.7	64.8	19.4	0.0
-37.5°	357.9	280.4	199.1	123.5	61.4	18.8	0.0
-40°	341.6	266.2	187.8	115.8	57.9	18.2	0.0
-42.5°	324.4	251.2	176.4	107.7	54.2	17.5	0.0
-45°	306.5	235.6	165.0	99.2	50.3	16.8	0.0
-47.5°	287.8	219.3	153.2	90.3	46.3	16.0	0.0
-50°	267.5	202.3	140.9	83.3	42.0	15.2	0.0
-52.5°	246.4	184.7	128.1	76.7	37.6	14.4	0.0
-55°	224.6	168.0	114.9	69.9	33.1	13.6	0.0
-57.5°	202.2	151.0	101.4	62.9	28.4	12.7	0.0
-60°	179.4	133.6	87.6	55.7	23.7	11.8	0.0
-62.5°	158.0	115.7	77.8	48.3	21.9	10.9	0.0
-65°	136.1	97.4	67.7	40.8	20.0	10.0	0.0
-67.5°	113.7	81.7	57.5	33.1	18.1	9.1	0.0
-70°	91.0	68.7	47.0	25.2	16.2	8.1	0.0
-72.5°	74.3	55.4	36.4	21.3	14.2	7.1	0.0
-75°	58.2	42.0	25.7	18.4	12.3	6.1	0.0
-77.5°	42.0	28.5	20.4	15.3	10.2	5.1	0.0
-80°	25.7	20.4	16.4	12.3	8.2	4.1	0.0
-82.5°	18.4	15.3	12.3	9.3	6.2	3.1	0.0
-85°	12.3	10.2	8.2	6.2	4.1	2.1	0.0
-87.5°	6.1	5.1	4.1	3.1	2.1	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)