

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: P626672 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-730-U-WR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626672 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-7)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1C-730-U-WR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N6 WITH VISOR
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4337.2 lumens
Efficiency: N/A
Efficacy: 99.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 5H x 5V
Max Intensity: 4916.2 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 50.9°H x 47.1°V
Beam Lumens: 2088.2 lumens
Beam Efficiency: 48.1%

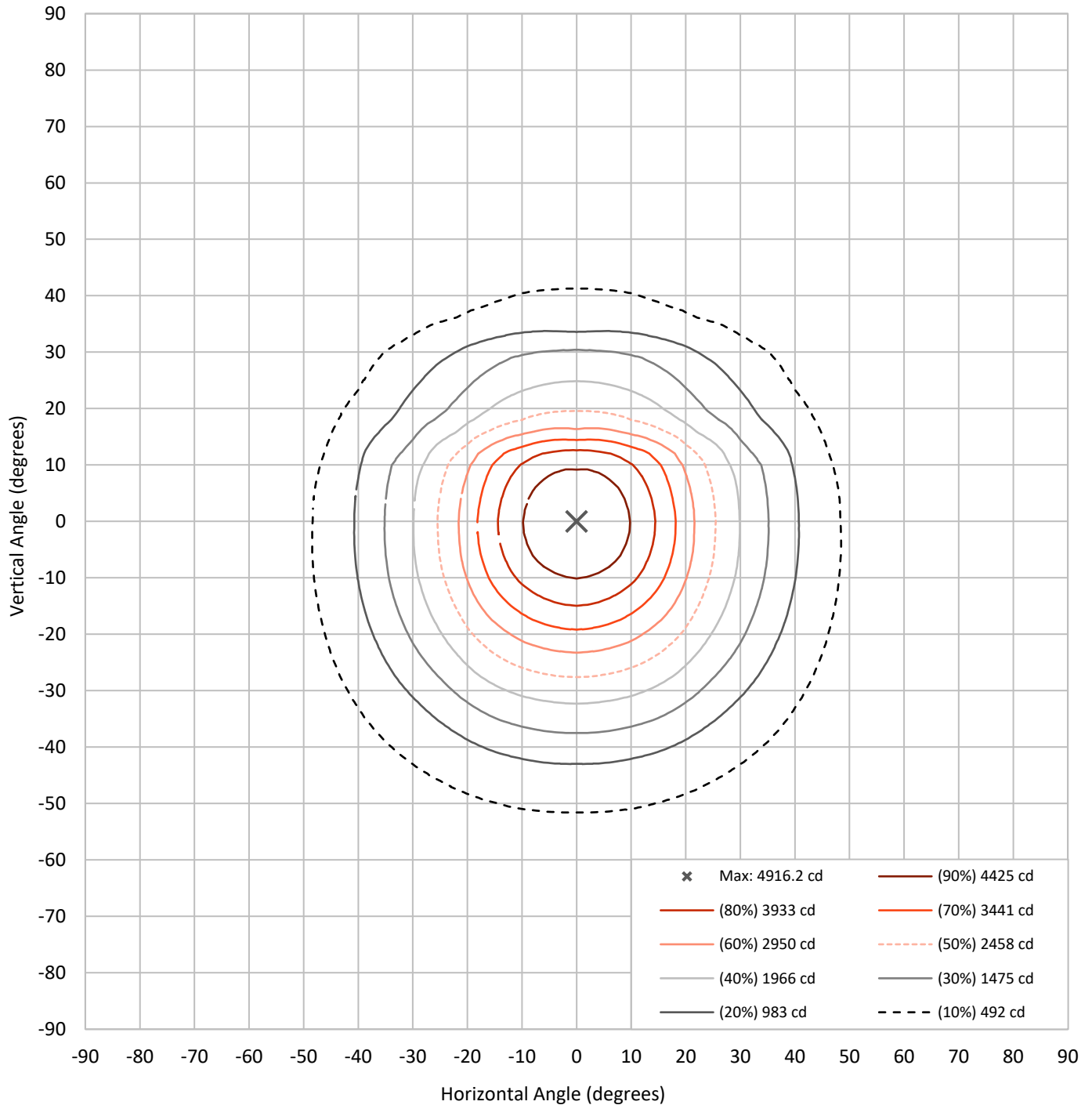
Field Angle (10%): 96.7°H x 92.9°V
Field Lumens: 3883.3 lumens
Field Efficiency: 89.5%

Input Watts (W): 43.5
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: P626672 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-730-U-WR-VSR-XX

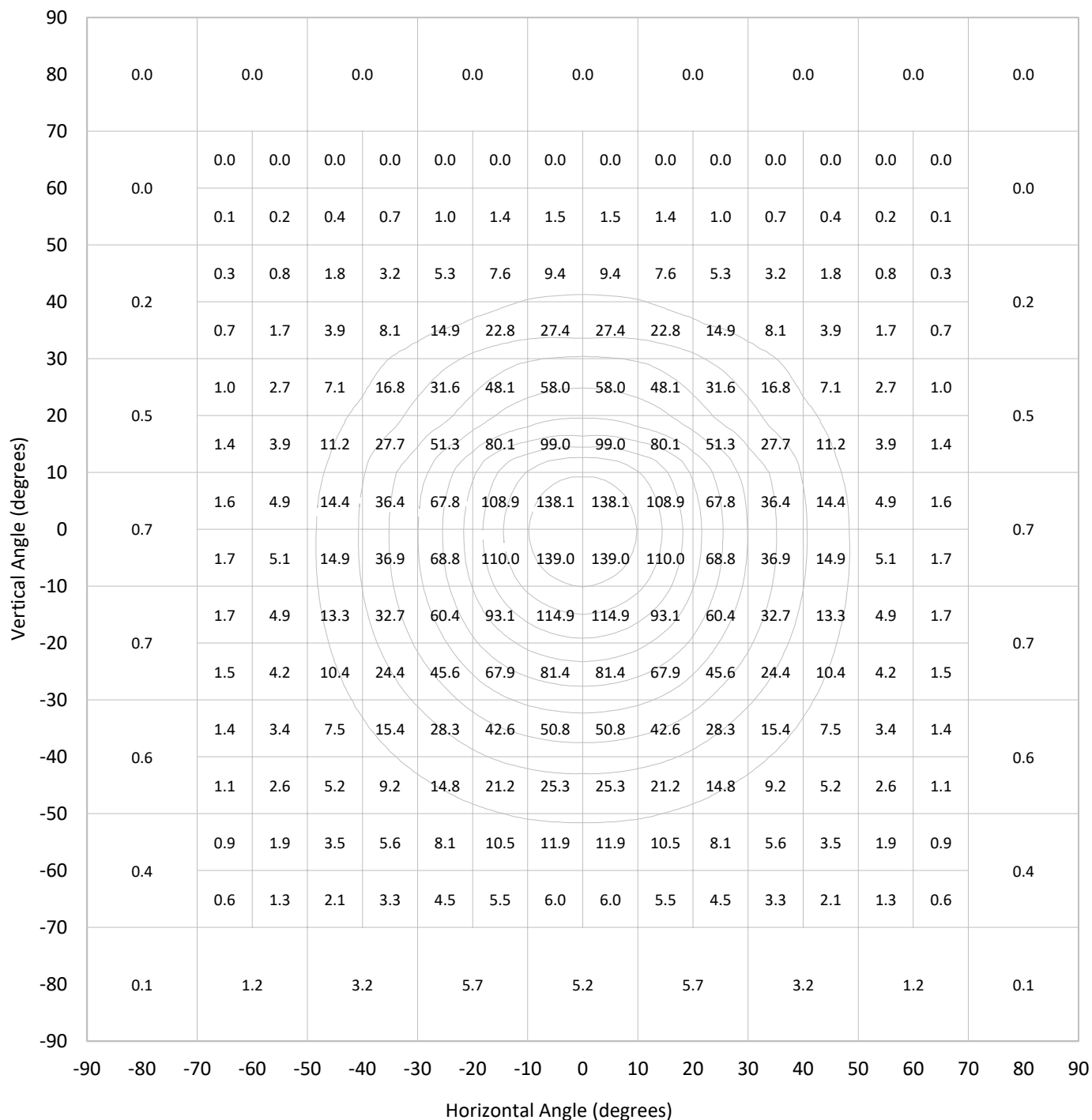
Iso-Candela Plot





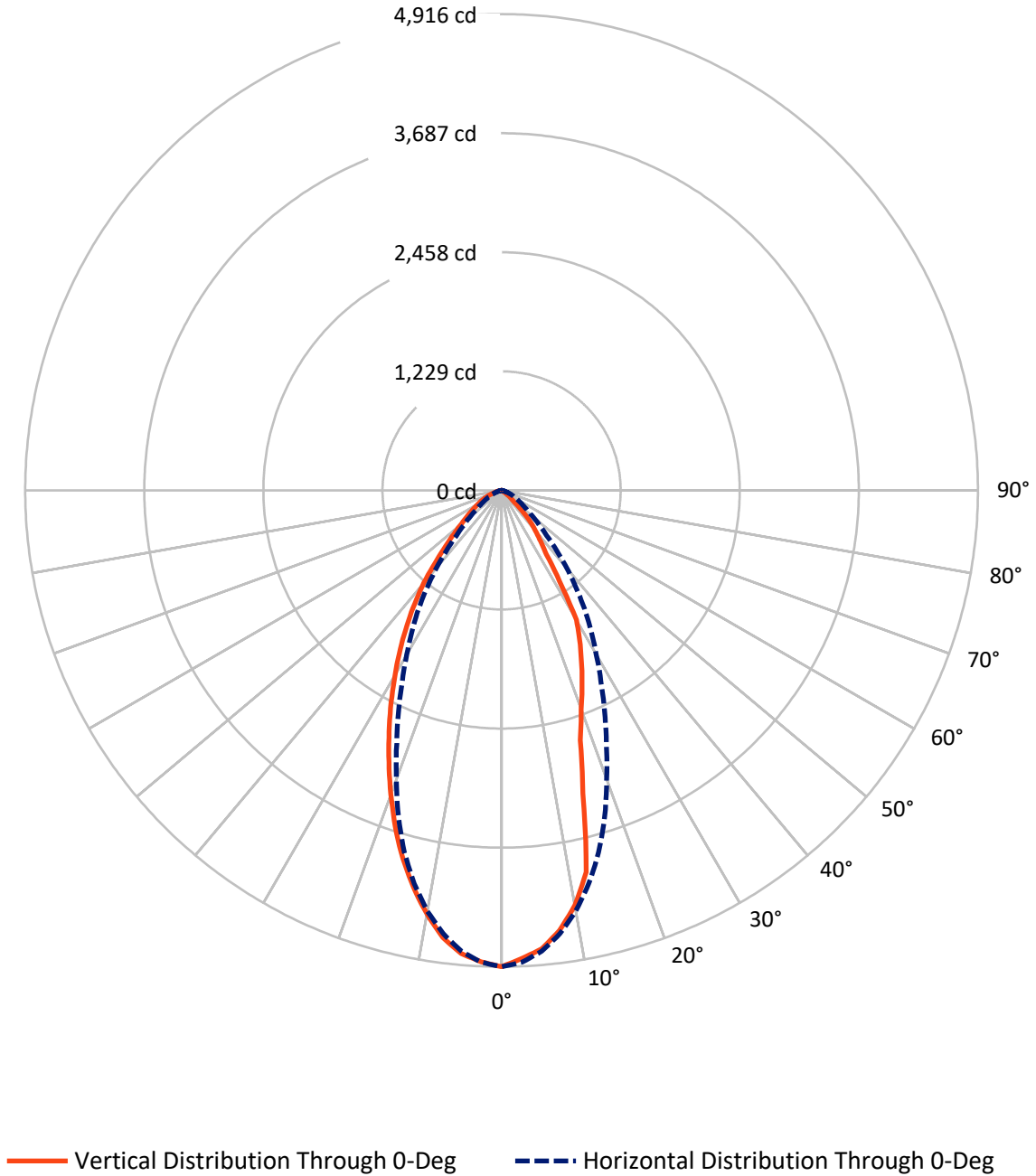
REPORT NUMBER: P626672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-WR-VSR-XX

Lumen Table



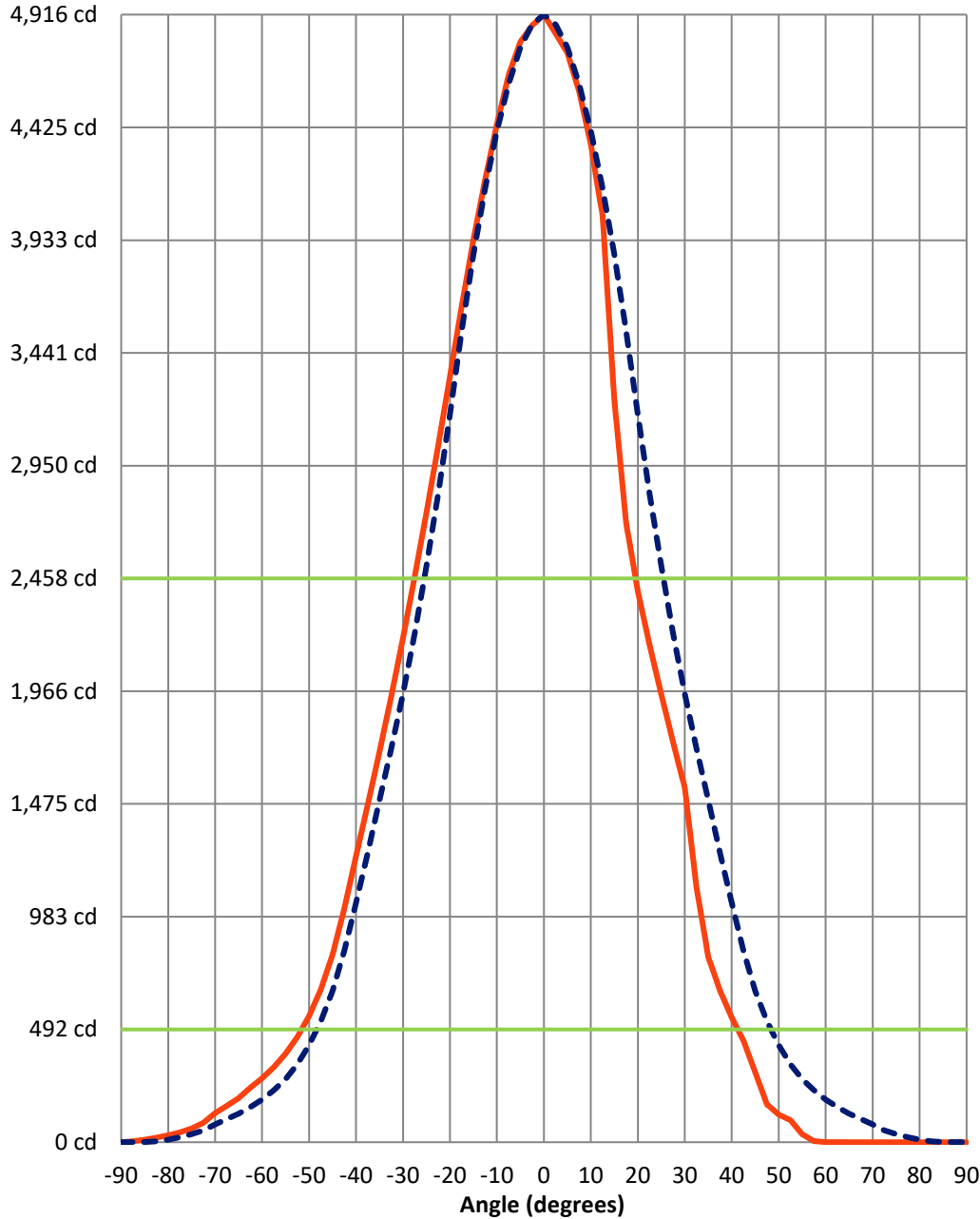
REPORT NUMBER: P626672 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-730-U-WR-VSR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P626672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-WR-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 50.9°
 V Angle: 47.1°
 Lumens: 2088.2
 Efficiency: 48.1%

Field:
 H Angle: 96.7°
 V Angle: 92.9°
 Lumens: 3883.3
 Efficiency: 89.5%

Spill:
 Lumens: 454
 Efficiency: 10.5%

- 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: P626672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-WR-VSR-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	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
85°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
82.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4
80°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4
77.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
75°	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4
72.5°	0.0	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
70°	0.0	0.1	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
67.5°	0.0	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5
65°	0.0	0.2	0.3	0.4	0.4	0.4	0.5	0.4	0.6	0.6	0.7
62.5°	0.0	0.2	0.4	0.4	0.4	0.5	0.5	0.5	0.7	1.0	1.5
60°	0.0	0.2	0.4	0.4	0.4	0.6	0.6	0.7	0.9	2.4	2.5
57.5°	0.0	0.2	0.4	0.4	0.5	0.7	1.0	1.0	2.3	3.9	4.3
55°	0.0	0.2	0.4	0.4	0.6	0.8	1.5	1.4	4.2	5.9	6.7
52.5°	0.0	0.2	0.4	0.4	0.7	1.0	2.1	3.3	6.3	8.8	9.5
50°	0.0	0.3	0.4	0.4	0.8	1.6	2.7	5.5	8.7	12.0	14.4
47.5°	0.0	0.3	0.4	0.4	0.9	2.2	3.6	7.6	12.0	15.5	19.6
45°	0.0	0.3	0.4	0.5	1.0	2.9	5.5	9.8	15.3	20.0	24.6
42.5°	0.0	0.3	0.4	0.6	1.2	3.7	7.4	12.4	18.6	24.5	30.3
40°	0.0	0.3	0.5	0.7	1.5	4.4	9.2	15.3	22.0	28.9	36.2
37.5°	0.0	0.3	0.5	0.9	2.1	5.2	11.1	18.1	25.7	33.4	42.2
35°	0.0	0.3	0.5	1.0	2.7	6.5	13.0	20.8	29.4	38.8	48.8
32.5°	0.0	0.3	0.5	1.2	3.3	7.9	14.9	23.6	33.1	44.3	56.2
30°	0.0	0.3	0.5	1.4	4.0	9.4	17.1	26.3	36.8	50.0	63.6
27.5°	0.0	0.4	0.5	1.6	4.7	10.8	19.3	29.3	40.8	55.7	71.0
25°	0.0	0.4	0.5	1.8	5.4	12.1	21.3	32.3	45.5	61.9	78.5
22.5°	0.0	0.4	0.6	2.0	6.1	13.4	23.3	35.2	50.2	68.1	86.1
20°	0.0	0.4	0.6	2.2	6.7	14.7	25.2	37.9	54.7	74.1	93.2
17.5°	0.0	0.4	0.6	2.5	7.4	15.9	26.9	40.6	59.2	80.0	100.1
15°	0.0	0.4	0.6	2.7	8.0	17.0	28.5	43.0	63.5	85.7	106.5
12.5°	0.0	0.4	0.6	2.9	8.6	18.0	29.9	45.0	67.0	91.1	112.5
10°	0.0	0.4	0.6	3.1	9.1	19.0	31.3	46.7	69.9	94.3	117.3
7.5°	0.0	0.4	0.7	3.3	9.6	19.8	32.4	48.3	72.4	96.7	119.7
5°	0.0	0.4	0.7	3.5	10.1	20.6	33.5	49.6	74.5	98.6	121.7
2.5°	0.0	0.4	0.7	3.7	10.5	21.2	34.4	50.7	76.2	100.1	123.2
0°	0.0	0.4	0.7	3.9	10.9	21.8	35.1	51.6	77.6	101.1	124.3
-2.5°	0.0	0.4	0.8	4.1	11.4	22.5	36.1	53.1	79.1	102.6	126.0
-5°	0.0	0.4	0.9	4.4	11.8	23.0	36.8	54.3	80.2	103.6	127.1
-7.5°	0.0	0.5	1.0	4.6	12.2	23.5	37.5	55.3	80.9	104.3	127.8
-10°	0.0	0.5	1.1	4.7	12.5	23.8	37.9	56.0	81.2	104.5	128.0
-12.5°	0.0	0.5	1.2	4.9	12.8	24.1	38.2	56.4	81.1	104.4	127.4
-15°	0.0	0.5	1.3	5.0	12.9	24.2	38.2	56.5	80.6	103.5	126.2
-17.5°	0.0	0.5	1.4	5.1	13.0	24.2	38.1	56.4	79.5	102.2	124.5
-20°	0.0	0.5	1.5	5.2	13.0	24.0	38.0	56.1	78.2	100.7	122.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.5	1.5	5.2	12.9	23.8	38.0	55.6	76.7	98.9	119.6
-25°	0.0	0.6	1.6	5.2	12.7	23.7	37.9	54.9	74.9	96.8	116.5
-27.5°	0.0	0.6	1.6	5.1	12.4	23.6	37.5	53.9	72.9	94.3	113.6
-30°	0.0	0.6	1.7	5.1	12.0	23.4	37.0	52.7	71.2	91.6	110.5
-32.5°	0.0	0.6	1.7	5.0	11.8	23.0	36.2	51.7	69.5	88.7	107.2
-35°	0.0	0.6	1.7	4.8	11.6	22.4	35.5	50.6	67.6	85.8	103.7
-37.5°	0.0	0.6	1.7	4.6	11.2	21.8	34.7	49.3	65.4	82.7	99.6
-40°	0.0	0.6	1.7	4.4	10.8	21.3	33.7	47.8	63.1	79.9	95.1
-42.5°	0.0	0.5	1.7	4.2	10.5	20.6	32.6	46.0	60.9	76.2	90.4
-45°	0.0	0.5	1.7	4.1	10.3	19.8	31.2	44.2	58.6	72.3	85.5
-47.5°	0.0	0.5	1.6	3.9	9.9	18.8	29.6	42.4	56.1	68.2	81.0
-50°	0.0	0.5	1.6	3.8	9.5	17.8	28.2	40.3	52.8	64.5	76.4
-52.5°	0.0	0.5	1.5	3.7	9.0	16.6	26.7	38.0	49.5	60.6	71.6
-55°	0.0	0.5	1.4	3.6	8.4	15.6	25.1	35.5	46.2	56.6	67.1
-57.5°	0.0	0.4	1.4	3.5	7.7	14.5	23.2	33.3	42.6	52.5	62.5
-60°	0.0	0.4	1.3	3.3	6.9	13.3	21.3	30.7	39.0	48.3	57.8
-62.5°	0.0	0.4	1.2	3.1	6.4	12.0	19.4	27.7	35.4	43.9	52.8
-65°	0.0	0.4	1.1	2.8	5.9	10.5	17.4	24.6	31.5	39.3	47.8
-67.5°	0.0	0.3	1.0	2.5	5.2	9.2	15.2	21.5	27.4	34.4	42.1
-70°	0.0	0.3	0.9	2.1	4.6	8.1	12.8	18.3	23.6	29.2	36.0
-72.5°	0.0	0.3	0.8	1.9	3.8	6.9	10.9	15.0	19.6	24.6	29.8
-75°	0.0	0.2	0.7	1.6	3.0	5.6	8.9	12.2	15.6	19.8	24.4
-77.5°	0.0	0.2	0.6	1.4	2.5	4.2	6.9	9.6	12.4	15.3	18.8
-80°	0.0	0.2	0.5	1.1	2.0	3.2	4.8	6.9	9.2	11.6	14.1
-82.5°	0.0	0.1	0.4	0.9	1.5	2.4	3.5	4.6	6.0	7.8	9.8
-85°	0.0	0.1	0.2	0.6	1.0	1.6	2.4	3.1	4.0	4.9	5.9
-87.5°	0.0	0.0	0.1	0.3	0.5	0.8	1.2	1.6	2.0	2.4	3.0
-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: P626672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-WR-VSR-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°	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
82.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
80°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
77.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
72.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
70°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
67.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.2
65°	0.4	0.4	0.5	0.6	0.4	0.4	0.4	0.4	0.4	0.4	0.4
62.5°	0.6	0.7	0.8	1.3	1.0	0.4	0.7	0.8	0.6	0.5	0.5
60°	1.6	1.1	2.7	3.8	2.5	1.3	1.6	3.2	2.6	0.7	1.9
57.5°	3.1	3.8	6.8	7.1	5.5	3.8	8.2	9.0	7.5	4.7	6.8
55°	6.5	9.1	11.5	11.3	11.4	14.4	16.9	16.6	14.6	20.1	25.4
52.5°	12.2	14.9	16.5	18.0	22.1	24.9	25.6	27.2	32.9	39.8	41.0
50°	17.9	20.7	22.8	28.2	32.4	34.5	36.5	41.8	50.5	55.2	55.9
47.5°	23.7	26.8	32.3	38.2	42.3	45.5	49.0	60.9	70.6	74.6	76.0
45°	29.8	35.2	42.0	48.1	52.8	57.2	68.5	84.8	91.6	97.7	113.3
42.5°	36.0	44.2	51.9	58.2	63.5	72.8	88.5	104.3	114.0	127.0	145.9
40°	44.0	53.2	62.2	68.6	75.2	89.2	108.6	125.3	135.6	153.1	174.6
37.5°	52.2	62.8	72.5	79.3	88.6	107.5	130.4	150.3	163.1	177.4	211.9
35°	60.2	72.7	82.7	91.7	103.2	129.3	157.4	179.7	195.4	219.9	263.6
32.5°	68.8	82.7	92.9	105.3	124.2	153.3	187.9	212.5	238.7	273.9	343.8
30°	77.9	92.1	103.9	118.7	144.0	178.0	218.1	249.1	284.7	341.7	417.2
27.5°	86.9	101.5	116.0	134.8	162.6	199.3	241.2	290.1	336.0	399.8	482.3
25°	95.7	111.1	127.8	150.5	180.6	219.0	264.8	321.2	381.1	454.1	551.0
22.5°	104.0	120.8	140.4	164.8	195.8	237.8	292.4	358.6	430.6	506.2	617.5
20°	112.2	131.6	154.1	181.4	209.8	255.1	319.4	399.6	489.8	593.4	702.5
17.5°	120.3	142.3	168.2	198.6	233.0	279.4	347.0	442.5	552.3	687.1	821.4
15°	128.2	152.7	181.9	215.6	256.5	311.8	388.7	493.7	626.3	787.7	946.8
12.5°	135.9	162.9	195.0	232.2	279.2	342.4	427.9	541.2	693.2	886.0	1081.4
10°	143.2	172.6	207.5	248.2	301.0	370.8	462.6	582.3	743.7	942.4	1159.7
7.5°	147.0	179.2	218.1	263.4	321.5	396.9	492.8	617.0	783.1	987.7	1205.6
5°	149.6	182.3	222.1	269.5	332.8	414.7	515.9	645.4	812.2	1021.8	1236.7
2.5°	151.7	184.5	225.0	273.0	337.3	420.6	523.6	655.4	827.8	1039.5	1254.8
0°	153.1	185.8	226.8	275.0	339.6	423.5	527.1	659.5	834.4	1043.6	1261.4
-2.5°	154.6	187.6	228.7	278.0	342.8	427.4	531.0	662.4	839.3	1044.7	1265.0
-5°	155.5	188.6	229.5	279.5	343.8	428.1	530.7	659.7	835.4	1036.6	1257.2
-7.5°	155.7	188.7	229.1	279.2	342.5	424.8	525.1	651.4	821.7	1020.0	1238.2
-10°	155.3	187.8	227.6	276.7	338.6	417.9	515.0	637.1	799.4	992.6	1206.2
-12.5°	154.2	186.1	224.9	272.5	332.4	408.1	500.9	616.8	768.3	954.5	1160.9
-15°	152.4	183.5	220.9	266.8	323.9	395.5	482.7	590.4	728.3	906.1	1104.6
-17.5°	149.9	180.0	215.8	259.5	312.9	380.1	460.8	559.4	685.1	852.1	1042.0
-20°	146.7	175.6	209.5	250.6	300.4	364.0	440.4	532.1	644.7	790.2	968.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	142.8	170.5	202.8	242.1	289.1	347.3	417.6	501.1	599.4	718.7	887.5
-25°	138.8	165.6	196.3	232.7	276.3	328.3	391.6	467.6	556.6	665.8	805.4
-27.5°	134.8	159.9	188.7	221.8	262.0	308.7	367.1	436.4	515.7	608.5	722.2
-30°	130.4	153.5	180.4	210.4	248.2	291.6	342.1	401.5	472.0	555.9	654.7
-32.5°	125.5	146.7	172.4	200.5	233.5	273.0	316.7	370.4	431.7	500.9	586.3
-35°	120.7	140.9	164.1	189.8	217.7	254.6	294.8	339.4	391.6	452.8	521.1
-37.5°	116.1	134.6	155.3	179.3	205.4	236.1	271.5	311.8	356.7	405.5	464.5
-40°	110.9	127.8	147.3	169.1	192.2	218.8	250.7	284.9	323.6	366.5	412.0
-42.5°	105.2	121.5	139.3	158.1	179.3	203.1	229.6	260.8	292.9	328.9	368.6
-45°	99.7	114.6	131.0	148.1	166.0	186.9	211.0	237.0	265.5	294.8	328.2
-47.5°	93.9	107.5	122.7	137.6	153.5	171.4	191.9	215.4	239.2	265.3	291.2
-50°	88.1	100.9	113.7	127.6	141.8	156.7	173.9	194.3	215.9	237.6	260.4
-52.5°	82.9	94.0	105.5	117.4	130.4	143.6	158.0	174.8	193.7	212.8	232.4
-55°	77.6	87.8	97.3	108.0	119.2	131.1	144.0	158.1	172.3	189.7	206.6
-57.5°	72.4	81.4	89.7	98.8	108.8	118.9	130.5	142.5	155.4	168.6	182.4
-60°	67.2	74.9	82.4	90.3	98.6	107.6	116.9	127.5	138.6	150.0	162.0
-62.5°	61.8	68.1	74.7	81.9	89.2	96.2	104.0	112.6	121.8	131.6	141.7
-65°	55.8	61.0	66.5	72.8	79.7	85.3	91.2	97.7	105.3	113.4	121.3
-67.5°	49.4	54.0	58.5	63.1	68.7	73.7	78.6	83.8	89.4	96.0	102.4
-70°	42.2	46.8	50.8	54.6	58.2	61.8	65.9	70.0	74.6	80.5	86.3
-72.5°	34.9	39.2	43.0	46.3	48.8	50.9	53.5	56.4	60.8	66.3	71.4
-75°	28.2	31.7	35.2	38.4	40.0	40.7	41.2	42.7	47.2	52.8	57.8
-77.5°	22.0	25.0	27.9	30.6	31.8	32.2	32.4	32.4	35.7	40.5	45.5
-80°	16.2	18.3	20.7	23.1	23.8	24.0	24.0	23.8	26.5	30.0	33.7
-82.5°	11.3	12.8	14.3	15.9	16.1	16.0	15.7	15.5	17.7	20.2	22.8
-85°	6.5	7.2	8.1	9.1	9.2	9.2	9.0	8.7	9.9	11.3	12.7
-87.5°	3.3	3.6	3.9	4.2	4.1	4.0	3.7	3.5	3.8	4.2	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



REPORT NUMBER: P626672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-WR-VSR-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°	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.2	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0
62.5°	0.5	0.5	0.4	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3
60°	2.0	1.2	1.2	1.5	1.3	0.6	1.2	1.5	1.4	1.0	0.9
57.5°	10.1	8.5	5.9	9.9	10.2	7.1	7.7	10.0	9.7	7.5	7.5
55°	25.4	25.8	27.7	30.2	32.0	32.9	33.7	37.4	41.4	45.4	47.4
52.5°	42.0	46.9	53.0	57.0	59.8	65.6	73.7	77.4	81.0	85.1	88.1
50°	61.8	70.3	76.4	77.3	87.0	93.2	94.7	101.7	109.2	113.9	117.3
47.5°	91.9	102.7	108.0	111.5	123.2	136.0	136.0	140.0	159.0	169.0	173.8
45°	132.4	141.4	150.8	175.4	197.9	205.1	220.4	241.1	254.6	273.2	293.6
42.5°	166.8	183.7	207.4	234.4	257.0	275.8	298.6	323.5	353.5	381.7	406.0
40°	201.0	221.8	251.2	280.6	309.0	335.1	371.8	403.9	439.2	478.0	510.3
37.5°	245.5	272.3	302.5	339.5	383.9	412.9	463.3	509.4	549.2	596.0	624.8
35°	313.8	348.7	375.5	450.4	504.3	538.2	597.9	673.7	702.8	761.7	789.7
32.5°	399.8	446.1	516.6	615.8	687.9	750.2	839.4	916.3	981.9	1041.1	1102.6
30°	496.3	567.8	671.8	803.7	876.8	964.1	1084.8	1176.0	1278.7	1391.5	1431.0
27.5°	583.9	691.1	811.8	918.6	1023.6	1132.3	1251.0	1368.1	1479.3	1573.2	1636.1
25°	665.2	794.9	912.2	1026.3	1140.1	1262.6	1396.8	1529.6	1652.0	1748.5	1821.9
22.5°	749.0	886.0	1011.5	1127.3	1259.6	1398.4	1541.1	1693.5	1832.7	1932.9	2012.9
20°	827.8	980.1	1123.3	1255.1	1380.2	1540.5	1704.8	1866.4	2018.0	2137.3	2229.5
17.5°	952.8	1085.1	1260.1	1431.3	1572.2	1719.4	1939.0	2105.8	2274.0	2416.9	2514.7
15°	1106.3	1251.8	1432.5	1667.6	1860.8	2029.4	2256.3	2527.5	2726.0	2908.4	3033.6
12.5°	1259.9	1424.5	1620.0	1884.6	2159.6	2358.2	2633.5	2977.2	3208.4	3490.8	3630.1
10°	1377.7	1584.4	1785.7	2027.2	2291.3	2574.1	2870.8	3192.4	3501.3	3743.9	3960.7
7.5°	1425.1	1645.3	1878.3	2124.7	2388.7	2680.7	2996.8	3331.5	3649.4	3920.4	4158.7
5°	1460.6	1686.2	1920.7	2172.6	2454.9	2759.7	3080.6	3432.0	3756.7	4047.1	4290.8
2.5°	1483.1	1710.8	1944.3	2200.4	2497.3	2811.2	3142.5	3503.1	3832.7	4131.6	4374.6
0°	1491.7	1716.1	1955.3	2219.0	2512.9	2827.5	3173.1	3537.9	3870.1	4159.1	4409.2
-2.5°	1492.9	1711.2	1956.0	2218.4	2499.6	2817.2	3167.0	3528.8	3854.2	4142.1	4394.3
-5°	1481.2	1699.4	1944.4	2202.9	2484.5	2799.6	3134.4	3484.0	3794.4	4074.5	4317.4
-7.5°	1457.5	1675.0	1914.6	2167.1	2441.2	2746.9	3068.4	3393.4	3698.0	3966.6	4198.4
-10°	1422.2	1635.2	1866.5	2112.5	2371.8	2662.6	2969.2	3279.7	3565.3	3813.8	4028.1
-12.5°	1374.5	1582.5	1803.4	2038.3	2279.7	2556.9	2846.4	3138.0	3398.3	3625.1	3817.4
-15°	1312.5	1515.7	1729.6	1951.7	2185.8	2436.5	2696.3	2963.8	3203.8	3405.0	3580.7
-17.5°	1239.4	1436.5	1639.7	1845.6	2067.6	2302.9	2544.0	2784.2	2988.9	3167.6	3328.2
-20°	1158.0	1347.9	1540.9	1732.9	1934.3	2151.9	2374.6	2585.5	2764.4	2926.8	3073.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1066.7	1248.5	1433.4	1613.1	1794.8	1991.8	2190.6	2381.4	2548.8	2687.7	2815.4
-25°	969.0	1136.9	1311.6	1480.0	1647.3	1823.8	2004.5	2180.0	2327.3	2447.9	2553.4
-27.5°	870.5	1024.0	1177.9	1336.5	1491.0	1653.9	1817.5	1969.1	2101.3	2212.3	2301.1
-30°	767.0	904.2	1044.8	1188.3	1335.9	1484.9	1632.7	1765.5	1880.9	1978.5	2055.2
-32.5°	681.0	785.3	909.3	1039.6	1178.0	1313.8	1442.3	1563.3	1672.1	1757.4	1822.4
-35°	598.6	686.9	779.8	895.1	1014.0	1138.9	1257.2	1365.1	1462.1	1536.6	1597.8
-37.5°	527.7	597.6	676.1	758.4	858.1	961.4	1068.1	1169.7	1256.1	1321.1	1375.8
-40°	466.3	521.5	584.3	649.6	722.9	797.1	890.0	975.7	1046.3	1107.0	1156.5
-42.5°	410.9	457.4	503.8	557.3	612.7	672.3	737.5	800.9	855.1	905.9	948.0
-45°	363.0	400.2	437.1	478.5	519.1	567.6	614.2	655.8	699.7	737.8	767.8
-47.5°	321.2	350.1	381.8	412.8	445.4	481.9	516.6	548.2	580.4	608.3	630.6
-50°	284.0	308.0	333.9	358.1	384.5	411.3	436.9	462.1	486.5	507.7	524.2
-52.5°	251.5	272.4	292.6	311.9	332.9	352.7	371.3	392.0	411.1	427.8	439.1
-55°	223.7	240.8	257.3	273.5	289.4	304.3	319.1	335.3	350.0	363.3	371.7
-57.5°	197.7	212.3	226.3	239.4	252.0	263.9	276.4	288.8	300.2	310.2	316.7
-60°	174.0	185.9	198.0	208.8	218.9	228.4	238.9	248.8	258.0	265.7	270.2
-62.5°	152.3	162.9	171.9	180.4	189.1	197.6	205.1	212.4	219.5	225.4	229.4
-65°	129.6	138.6	146.2	153.1	159.3	166.0	172.3	178.0	183.1	187.0	189.5
-67.5°	109.3	116.0	122.0	127.5	133.0	138.3	143.2	147.6	151.4	154.1	155.9
-70°	91.7	96.8	101.7	106.7	111.6	115.7	119.3	122.6	125.5	126.8	127.3
-72.5°	76.2	80.7	85.1	89.4	93.5	96.8	99.4	101.8	103.9	102.1	98.9
-75°	62.1	66.1	70.2	74.0	77.6	80.1	82.1	83.8	85.5	81.5	75.9
-77.5°	50.6	54.1	57.1	60.1	63.1	64.7	65.9	67.1	68.3	63.8	58.1
-80°	37.6	40.4	42.9	45.5	47.9	48.9	49.4	49.8	50.0	46.2	41.7
-82.5°	25.4	26.9	28.3	29.7	31.2	32.0	32.6	33.1	33.4	30.7	27.6
-85°	14.3	14.7	15.0	15.3	15.5	16.0	16.5	17.0	17.4	16.1	14.7
-87.5°	4.9	4.9	4.9	4.9	4.8	4.8	4.8	4.8	4.7	4.5	4.3
-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: P626672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-WR-VSR-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
62.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
60°	0.7	0.5	0.4	0.4	0.4	0.5	0.7	0.9	1.0	1.4	1.5
57.5°	7.0	6.1	5.5	4.9	5.5	6.1	7.0	7.5	7.5	9.7	10.0
55°	46.5	43.3	39.4	34.8	39.4	43.3	46.5	47.4	45.4	41.4	37.4
52.5°	91.2	94.2	96.0	95.9	96.0	94.2	91.2	88.1	85.1	81.0	77.4
50°	120.1	121.8	121.8	120.4	121.8	121.8	120.1	117.3	113.9	109.2	101.7
47.5°	175.9	173.6	169.7	165.4	169.7	173.6	175.9	173.8	169.0	159.0	140.0
45°	307.0	314.4	314.0	304.5	314.0	314.4	307.0	293.6	273.2	254.6	241.1
42.5°	419.6	430.7	438.5	442.5	438.5	430.7	419.6	406.0	381.7	353.5	323.5
40°	528.5	539.2	543.9	543.6	543.9	539.2	528.5	510.3	478.0	439.2	403.9
37.5°	643.5	657.4	664.1	660.9	664.1	657.4	643.5	624.8	596.0	549.2	509.4
35°	801.8	814.7	815.0	808.4	815.0	814.7	801.8	789.7	761.7	702.8	673.7
32.5°	1151.5	1155.9	1122.6	1110.7	1122.6	1155.9	1151.5	1102.6	1041.1	981.9	916.3
30°	1470.3	1501.0	1529.6	1544.1	1529.6	1501.0	1470.3	1431.0	1391.5	1278.7	1176.0
27.5°	1683.6	1720.5	1743.4	1744.9	1743.4	1720.5	1683.6	1636.1	1573.2	1479.3	1368.1
25°	1877.6	1918.9	1943.9	1952.5	1943.9	1918.9	1877.6	1821.9	1748.5	1652.0	1529.6
22.5°	2080.8	2129.5	2161.8	2168.4	2161.8	2129.5	2080.8	2012.9	1932.9	1832.7	1693.5
20°	2316.6	2373.3	2404.3	2403.0	2404.3	2373.3	2316.6	2229.5	2137.3	2018.0	1866.4
17.5°	2627.0	2687.8	2714.6	2702.9	2714.6	2687.8	2627.0	2514.7	2416.9	2274.0	2105.8
15°	3162.1	3289.3	3288.8	3238.1	3288.8	3289.3	3162.1	3033.6	2908.4	2726.0	2527.5
12.5°	3822.1	3917.0	4014.3	4035.2	4014.3	3917.0	3822.1	3630.1	3490.8	3208.4	2977.2
10°	4143.3	4269.3	4352.4	4350.2	4352.4	4269.3	4143.3	3960.7	3743.9	3501.3	3192.4
7.5°	4344.2	4483.3	4584.1	4581.9	4584.1	4483.3	4344.2	4158.7	3920.4	3649.4	3331.5
5°	4499.3	4653.6	4742.9	4749.4	4742.9	4653.6	4499.3	4290.8	4047.1	3756.7	3432.0
2.5°	4579.9	4740.9	4848.2	4834.1	4848.2	4740.9	4579.9	4374.6	4131.6	3832.7	3503.1
0°	4613.5	4773.0	4873.1	4916.2	4873.1	4773.0	4613.5	4409.2	4159.1	3870.1	3537.9
-2.5°	4598.9	4754.0	4864.6	4868.8	4864.6	4754.0	4598.9	4394.3	4142.1	3854.2	3528.8
-5°	4520.0	4683.7	4757.8	4797.2	4757.8	4683.7	4520.0	4317.4	4074.5	3794.4	3484.0
-7.5°	4393.0	4515.6	4609.7	4653.2	4609.7	4515.6	4393.0	4198.4	3966.6	3698.0	3393.4
-10°	4195.2	4322.2	4401.7	4437.6	4401.7	4322.2	4195.2	4028.1	3813.8	3565.3	3279.7
-12.5°	3976.1	4091.5	4167.1	4197.4	4167.1	4091.5	3976.1	3817.4	3625.1	3398.3	3138.0
-15°	3731.7	3836.5	3906.1	3935.1	3906.1	3836.5	3731.7	3580.7	3405.0	3203.8	2963.8
-17.5°	3462.6	3554.4	3623.8	3644.7	3623.8	3554.4	3462.6	3328.2	3167.6	2988.9	2784.2
-20°	3185.9	3268.9	3326.0	3338.5	3326.0	3268.9	3185.9	3073.8	2926.8	2764.4	2585.5



REPORT NUMBER: P626672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	2907.1	2975.5	3021.9	3037.5	3021.9	2975.5	2907.1	2815.4	2687.7	2548.8	2381.4
-25°	2634.7	2693.7	2731.0	2745.0	2731.0	2693.7	2634.7	2553.4	2447.9	2327.3	2180.0
-27.5°	2372.6	2427.7	2462.0	2466.6	2462.0	2427.7	2372.6	2301.1	2212.3	2101.3	1969.1
-30°	2114.8	2160.3	2186.7	2197.9	2186.7	2160.3	2114.8	2055.2	1978.5	1880.9	1765.5
-32.5°	1873.8	1913.5	1937.3	1943.7	1937.3	1913.5	1873.8	1822.4	1757.4	1672.1	1563.3
-35°	1646.4	1683.1	1704.1	1702.4	1704.1	1683.1	1646.4	1597.8	1536.6	1462.1	1365.1
-37.5°	1420.9	1454.7	1473.8	1472.1	1473.8	1454.7	1420.9	1375.8	1321.1	1256.1	1169.7
-40°	1197.2	1226.4	1243.2	1247.3	1243.2	1226.4	1197.2	1156.5	1107.0	1046.3	975.7
-42.5°	982.9	1009.9	1023.3	1018.0	1023.3	1009.9	982.9	948.0	905.9	855.1	800.9
-45°	788.7	802.6	811.8	817.5	811.8	802.6	788.7	767.8	737.8	699.7	655.8
-47.5°	647.0	658.5	664.7	665.8	664.7	658.5	647.0	630.6	608.3	580.4	548.2
-50°	537.0	546.8	551.2	549.9	551.2	546.8	537.0	524.2	507.7	486.5	462.1
-52.5°	447.2	452.9	456.8	458.6	456.8	452.9	447.2	439.1	427.8	411.1	392.0
-55°	378.0	382.4	385.0	385.9	385.0	382.4	378.0	371.7	363.3	350.0	335.3
-57.5°	322.1	326.3	327.8	327.3	327.8	326.3	322.1	316.7	310.2	300.2	288.8
-60°	273.7	276.1	277.9	278.8	277.9	276.1	273.7	270.2	265.7	258.0	248.8
-62.5°	232.5	234.8	236.6	237.7	236.6	234.8	232.5	229.4	225.4	219.5	212.4
-65°	191.2	192.2	192.5	192.1	192.5	192.2	191.2	189.5	187.0	183.1	178.0
-67.5°	157.2	158.1	158.6	158.7	158.6	158.1	157.2	155.9	154.1	151.4	147.6
-70°	127.8	128.1	127.8	126.8	127.8	128.1	127.8	127.3	126.8	125.5	122.6
-72.5°	95.5	92.0	88.5	84.6	88.5	92.0	95.5	98.9	102.1	103.9	101.8
-75°	70.2	64.3	62.1	60.0	62.1	64.3	70.2	75.9	81.5	85.5	83.8
-77.5°	52.2	46.0	44.4	42.8	44.4	46.0	52.2	58.1	63.8	68.3	67.1
-80°	37.1	32.3	31.2	30.2	31.2	32.3	37.1	41.7	46.2	50.0	49.8
-82.5°	24.4	21.1	20.4	19.7	20.4	21.1	24.4	27.6	30.7	33.4	33.1
-85°	13.1	11.6	11.2	10.9	11.2	11.6	13.1	14.7	16.1	17.4	17.0
-87.5°	4.1	3.9	3.9	3.9	3.9	3.9	4.1	4.3	4.5	4.7	4.8
-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: P626672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-WR-VSR-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°	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
82.5°	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
80°	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
77.5°	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
75°	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
72.5°	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4
70°	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4
67.5°	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.4
65°	0.1	0.1	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4
62.5°	0.3	0.4	0.4	0.3	0.4	0.5	0.5	0.5	0.5	0.6	0.8
60°	1.2	0.6	1.3	1.5	1.2	1.2	2.0	1.9	0.7	2.6	3.2
57.5°	7.7	7.1	10.2	9.9	5.9	8.5	10.1	6.8	4.7	7.5	9.0
55°	33.7	32.9	32.0	30.2	27.7	25.8	25.4	25.4	20.1	14.6	16.6
52.5°	73.7	65.6	59.8	57.0	53.0	46.9	42.0	41.0	39.8	32.9	27.2
50°	94.7	93.2	87.0	77.3	76.4	70.3	61.8	55.9	55.2	50.5	41.8
47.5°	136.0	136.0	123.2	111.5	108.0	102.7	91.9	76.0	74.6	70.6	60.9
45°	220.4	205.1	197.9	175.4	150.8	141.4	132.4	113.3	97.7	91.6	84.8
42.5°	298.6	275.8	257.0	234.4	207.4	183.7	166.8	145.9	127.0	114.0	104.3
40°	371.8	335.1	309.0	280.6	251.2	221.8	201.0	174.6	153.1	135.6	125.3
37.5°	463.3	412.9	383.9	339.5	302.5	272.3	245.5	211.9	177.4	163.1	150.3
35°	597.9	538.2	504.3	450.4	375.5	348.7	313.8	263.6	219.9	195.4	179.7
32.5°	839.4	750.2	687.9	615.8	516.6	446.1	399.8	343.8	273.9	238.7	212.5
30°	1084.8	964.1	876.8	803.7	671.8	567.8	496.3	417.2	341.7	284.7	249.1
27.5°	1251.0	1132.3	1023.6	918.6	811.8	691.1	583.9	482.3	399.8	336.0	290.1
25°	1396.8	1262.6	1140.1	1026.3	912.2	794.9	665.2	551.0	454.1	381.1	321.2
22.5°	1541.1	1398.4	1259.6	1127.3	1011.5	886.0	749.0	617.5	506.2	430.6	358.6
20°	1704.8	1540.5	1380.2	1255.1	1123.3	980.1	827.8	702.5	593.4	489.8	399.6
17.5°	1939.0	1719.4	1572.2	1431.3	1260.1	1085.1	952.8	821.4	687.1	552.3	442.5
15°	2256.3	2029.4	1860.8	1667.6	1432.5	1251.8	1106.3	946.8	787.7	626.3	493.7
12.5°	2633.5	2358.2	2159.6	1884.6	1620.0	1424.5	1259.9	1081.4	886.0	693.2	541.2
10°	2870.8	2574.1	2291.3	2027.2	1785.7	1584.4	1377.7	1159.7	942.4	743.7	582.3
7.5°	2996.8	2680.7	2388.7	2124.7	1878.3	1645.3	1425.1	1205.6	987.7	783.1	617.0
5°	3080.6	2759.7	2454.9	2172.6	1920.7	1686.2	1460.6	1236.7	1021.8	812.2	645.4
2.5°	3142.5	2811.2	2497.3	2200.4	1944.3	1710.8	1483.1	1254.8	1039.5	827.8	655.4
0°	3173.1	2827.5	2512.9	2219.0	1955.3	1716.1	1491.7	1261.4	1043.6	834.4	659.5
-2.5°	3167.0	2817.2	2499.6	2218.4	1956.0	1711.2	1492.9	1265.0	1044.7	839.3	662.4
-5°	3134.4	2799.6	2484.5	2202.9	1944.4	1699.4	1481.2	1257.2	1036.6	835.4	659.7
-7.5°	3068.4	2746.9	2441.2	2167.1	1914.6	1675.0	1457.5	1238.2	1020.0	821.7	651.4
-10°	2969.2	2662.6	2371.8	2112.5	1866.5	1635.2	1422.2	1206.2	992.6	799.4	637.1
-12.5°	2846.4	2556.9	2279.7	2038.3	1803.4	1582.5	1374.5	1160.9	954.5	768.3	616.8
-15°	2696.3	2436.5	2185.8	1951.7	1729.6	1515.7	1312.5	1104.6	906.1	728.3	590.4
-17.5°	2544.0	2302.9	2067.6	1845.6	1639.7	1436.5	1239.4	1042.0	852.1	685.1	559.4
-20°	2374.6	2151.9	1934.3	1732.9	1540.9	1347.9	1158.0	968.2	790.2	644.7	532.1



REPORT NUMBER: P626672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2190.6	1991.8	1794.8	1613.1	1433.4	1248.5	1066.7	887.5	718.7	599.4	501.1
-25°	2004.5	1823.8	1647.3	1480.0	1311.6	1136.9	969.0	805.4	665.8	556.6	467.6
-27.5°	1817.5	1653.9	1491.0	1336.5	1177.9	1024.0	870.5	722.2	608.5	515.7	436.4
-30°	1632.7	1484.9	1335.9	1188.3	1044.8	904.2	767.0	654.7	555.9	472.0	401.5
-32.5°	1442.3	1313.8	1178.0	1039.6	909.3	785.3	681.0	586.3	500.9	431.7	370.4
-35°	1257.2	1138.9	1014.0	895.1	779.8	686.9	598.6	521.1	452.8	391.6	339.4
-37.5°	1068.1	961.4	858.1	758.4	676.1	597.6	527.7	464.5	405.5	356.7	311.8
-40°	890.0	797.1	722.9	649.6	584.3	521.5	466.3	412.0	366.5	323.6	284.9
-42.5°	737.5	672.3	612.7	557.3	503.8	457.4	410.9	368.6	328.9	292.9	260.8
-45°	614.2	567.6	519.1	478.5	437.1	400.2	363.0	328.2	294.8	265.5	237.0
-47.5°	516.6	481.9	445.4	412.8	381.8	350.1	321.2	291.2	265.3	239.2	215.4
-50°	436.9	411.3	384.5	358.1	333.9	308.0	284.0	260.4	237.6	215.9	194.3
-52.5°	371.3	352.7	332.9	311.9	292.6	272.4	251.5	232.4	212.8	193.7	174.8
-55°	319.1	304.3	289.4	273.5	257.3	240.8	223.7	206.6	189.7	172.3	158.1
-57.5°	276.4	263.9	252.0	239.4	226.3	212.3	197.7	182.4	168.6	155.4	142.5
-60°	238.9	228.4	218.9	208.8	198.0	185.9	174.0	162.0	150.0	138.6	127.5
-62.5°	205.1	197.6	189.1	180.4	171.9	162.9	152.3	141.7	131.6	121.8	112.6
-65°	172.3	166.0	159.3	153.1	146.2	138.6	129.6	121.3	113.4	105.3	97.7
-67.5°	143.2	138.3	133.0	127.5	122.0	116.0	109.3	102.4	96.0	89.4	83.8
-70°	119.3	115.7	111.6	106.7	101.7	96.8	91.7	86.3	80.5	74.6	70.0
-72.5°	99.4	96.8	93.5	89.4	85.1	80.7	76.2	71.4	66.3	60.8	56.4
-75°	82.1	80.1	77.6	74.0	70.2	66.1	62.1	57.8	52.8	47.2	42.7
-77.5°	65.9	64.7	63.1	60.1	57.1	54.1	50.6	45.5	40.5	35.7	32.4
-80°	49.4	48.9	47.9	45.5	42.9	40.4	37.6	33.7	30.0	26.5	23.8
-82.5°	32.6	32.0	31.2	29.7	28.3	26.9	25.4	22.8	20.2	17.7	15.5
-85°	16.5	16.0	15.5	15.3	15.0	14.7	14.3	12.7	11.3	9.9	8.7
-87.5°	4.8	4.8	4.8	4.9	4.9	4.9	4.9	4.5	4.2	3.8	3.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626672 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-730-U-WR-VSR-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°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.2
82.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
80°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
77.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
75°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
72.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
70°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
67.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.4
65°	0.4	0.4	0.4	0.6	0.5	0.4	0.4	0.7	0.6	0.6	0.4
62.5°	0.7	0.4	1.0	1.3	0.8	0.7	0.6	1.5	1.0	0.7	0.5
60°	1.6	1.3	2.5	3.8	2.7	1.1	1.6	2.5	2.4	0.9	0.7
57.5°	8.2	3.8	5.5	7.1	6.8	3.8	3.1	4.3	3.9	2.3	1.0
55°	16.9	14.4	11.4	11.3	11.5	9.1	6.5	6.7	5.9	4.2	1.4
52.5°	25.6	24.9	22.1	18.0	16.5	14.9	12.2	9.5	8.8	6.3	3.3
50°	36.5	34.5	32.4	28.2	22.8	20.7	17.9	14.4	12.0	8.7	5.5
47.5°	49.0	45.5	42.3	38.2	32.3	26.8	23.7	19.6	15.5	12.0	7.6
45°	68.5	57.2	52.8	48.1	42.0	35.2	29.8	24.6	20.0	15.3	9.8
42.5°	88.5	72.8	63.5	58.2	51.9	44.2	36.0	30.3	24.5	18.6	12.4
40°	108.6	89.2	75.2	68.6	62.2	53.2	44.0	36.2	28.9	22.0	15.3
37.5°	130.4	107.5	88.6	79.3	72.5	62.8	52.2	42.2	33.4	25.7	18.1
35°	157.4	129.3	103.2	91.7	82.7	72.7	60.2	48.8	38.8	29.4	20.8
32.5°	187.9	153.3	124.2	105.3	92.9	82.7	68.8	56.2	44.3	33.1	23.6
30°	218.1	178.0	144.0	118.7	103.9	92.1	77.9	63.6	50.0	36.8	26.3
27.5°	241.2	199.3	162.6	134.8	116.0	101.5	86.9	71.0	55.7	40.8	29.3
25°	264.8	219.0	180.6	150.5	127.8	111.1	95.7	78.5	61.9	45.5	32.3
22.5°	292.4	237.8	195.8	164.8	140.4	120.8	104.0	86.1	68.1	50.2	35.2
20°	319.4	255.1	209.8	181.4	154.1	131.6	112.2	93.2	74.1	54.7	37.9
17.5°	347.0	279.4	233.0	198.6	168.2	142.3	120.3	100.1	80.0	59.2	40.6
15°	388.7	311.8	256.5	215.6	181.9	152.7	128.2	106.5	85.7	63.5	43.0
12.5°	427.9	342.4	279.2	232.2	195.0	162.9	135.9	112.5	91.1	67.0	45.0
10°	462.6	370.8	301.0	248.2	207.5	172.6	143.2	117.3	94.3	69.9	46.7
7.5°	492.8	396.9	321.5	263.4	218.1	179.2	147.0	119.7	96.7	72.4	48.3
5°	515.9	414.7	332.8	269.5	222.1	182.3	149.6	121.7	98.6	74.5	49.6
2.5°	523.6	420.6	337.3	273.0	225.0	184.5	151.7	123.2	100.1	76.2	50.7
0°	527.1	423.5	339.6	275.0	226.8	185.8	153.1	124.3	101.1	77.6	51.6
-2.5°	531.0	427.4	342.8	278.0	228.7	187.6	154.6	126.0	102.6	79.1	53.1
-5°	530.7	428.1	343.8	279.5	229.5	188.6	155.5	127.1	103.6	80.2	54.3
-7.5°	525.1	424.8	342.5	279.2	229.1	188.7	155.7	127.8	104.3	80.9	55.3
-10°	515.0	417.9	338.6	276.7	227.6	187.8	155.3	128.0	104.5	81.2	56.0
-12.5°	500.9	408.1	332.4	272.5	224.9	186.1	154.2	127.4	104.4	81.1	56.4
-15°	482.7	395.5	323.9	266.8	220.9	183.5	152.4	126.2	103.5	80.6	56.5
-17.5°	460.8	380.1	312.9	259.5	215.8	180.0	149.9	124.5	102.2	79.5	56.4
-20°	440.4	364.0	300.4	250.6	209.5	175.6	146.7	122.3	100.7	78.2	56.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	417.6	347.3	289.1	242.1	202.8	170.5	142.8	119.6	98.9	76.7	55.6
-25°	391.6	328.3	276.3	232.7	196.3	165.6	138.8	116.5	96.8	74.9	54.9
-27.5°	367.1	308.7	262.0	221.8	188.7	159.9	134.8	113.6	94.3	72.9	53.9
-30°	342.1	291.6	248.2	210.4	180.4	153.5	130.4	110.5	91.6	71.2	52.7
-32.5°	316.7	273.0	233.5	200.5	172.4	146.7	125.5	107.2	88.7	69.5	51.7
-35°	294.8	254.6	217.7	189.8	164.1	140.9	120.7	103.7	85.8	67.6	50.6
-37.5°	271.5	236.1	205.4	179.3	155.3	134.6	116.1	99.6	82.7	65.4	49.3
-40°	250.7	218.8	192.2	169.1	147.3	127.8	110.9	95.1	79.9	63.1	47.8
-42.5°	229.6	203.1	179.3	158.1	139.3	121.5	105.2	90.4	76.2	60.9	46.0
-45°	211.0	186.9	166.0	148.1	131.0	114.6	99.7	85.5	72.3	58.6	44.2
-47.5°	191.9	171.4	153.5	137.6	122.7	107.5	93.9	81.0	68.2	56.1	42.4
-50°	173.9	156.7	141.8	127.6	113.7	100.9	88.1	76.4	64.5	52.8	40.3
-52.5°	158.0	143.6	130.4	117.4	105.5	94.0	82.9	71.6	60.6	49.5	38.0
-55°	144.0	131.1	119.2	108.0	97.3	87.8	77.6	67.1	56.6	46.2	35.5
-57.5°	130.5	118.9	108.8	98.8	89.7	81.4	72.4	62.5	52.5	42.6	33.3
-60°	116.9	107.6	98.6	90.3	82.4	74.9	67.2	57.8	48.3	39.0	30.7
-62.5°	104.0	96.2	89.2	81.9	74.7	68.1	61.8	52.8	43.9	35.4	27.7
-65°	91.2	85.3	79.7	72.8	66.5	61.0	55.8	47.8	39.3	31.5	24.6
-67.5°	78.6	73.7	68.7	63.1	58.5	54.0	49.4	42.1	34.4	27.4	21.5
-70°	65.9	61.8	58.2	54.6	50.8	46.8	42.2	36.0	29.2	23.6	18.3
-72.5°	53.5	50.9	48.8	46.3	43.0	39.2	34.9	29.8	24.6	19.6	15.0
-75°	41.2	40.7	40.0	38.4	35.2	31.7	28.2	24.4	19.8	15.6	12.2
-77.5°	32.4	32.2	31.8	30.6	27.9	25.0	22.0	18.8	15.3	12.4	9.6
-80°	24.0	24.0	23.8	23.1	20.7	18.3	16.2	14.1	11.6	9.2	6.9
-82.5°	15.7	16.0	16.1	15.9	14.3	12.8	11.3	9.8	7.8	6.0	4.6
-85°	9.0	9.2	9.2	9.1	8.1	7.2	6.5	5.9	4.9	4.0	3.1
-87.5°	3.7	4.0	4.1	4.2	3.9	3.6	3.3	3.0	2.4	2.0	1.6
-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: P626672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-WR-VSR-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°	0.1	0.1	0.1	0.1	0.0	0.0	0.0
85°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
82.5°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
80°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
77.5°	0.4	0.4	0.3	0.3	0.2	0.1	0.0
75°	0.4	0.4	0.4	0.3	0.2	0.1	0.0
72.5°	0.4	0.4	0.4	0.4	0.2	0.1	0.0
70°	0.4	0.4	0.4	0.4	0.3	0.1	0.0
67.5°	0.4	0.4	0.4	0.4	0.3	0.2	0.0
65°	0.5	0.4	0.4	0.4	0.3	0.2	0.0
62.5°	0.5	0.5	0.4	0.4	0.4	0.2	0.0
60°	0.6	0.6	0.4	0.4	0.4	0.2	0.0
57.5°	1.0	0.7	0.5	0.4	0.4	0.2	0.0
55°	1.5	0.8	0.6	0.4	0.4	0.2	0.0
52.5°	2.1	1.0	0.7	0.4	0.4	0.2	0.0
50°	2.7	1.6	0.8	0.4	0.4	0.3	0.0
47.5°	3.6	2.2	0.9	0.4	0.4	0.3	0.0
45°	5.5	2.9	1.0	0.5	0.4	0.3	0.0
42.5°	7.4	3.7	1.2	0.6	0.4	0.3	0.0
40°	9.2	4.4	1.5	0.7	0.5	0.3	0.0
37.5°	11.1	5.2	2.1	0.9	0.5	0.3	0.0
35°	13.0	6.5	2.7	1.0	0.5	0.3	0.0
32.5°	14.9	7.9	3.3	1.2	0.5	0.3	0.0
30°	17.1	9.4	4.0	1.4	0.5	0.3	0.0
27.5°	19.3	10.8	4.7	1.6	0.5	0.4	0.0
25°	21.3	12.1	5.4	1.8	0.5	0.4	0.0
22.5°	23.3	13.4	6.1	2.0	0.6	0.4	0.0
20°	25.2	14.7	6.7	2.2	0.6	0.4	0.0
17.5°	26.9	15.9	7.4	2.5	0.6	0.4	0.0
15°	28.5	17.0	8.0	2.7	0.6	0.4	0.0
12.5°	29.9	18.0	8.6	2.9	0.6	0.4	0.0
10°	31.3	19.0	9.1	3.1	0.6	0.4	0.0
7.5°	32.4	19.8	9.6	3.3	0.7	0.4	0.0
5°	33.5	20.6	10.1	3.5	0.7	0.4	0.0
2.5°	34.4	21.2	10.5	3.7	0.7	0.4	0.0
0°	35.1	21.8	10.9	3.9	0.7	0.4	0.0
-2.5°	36.1	22.5	11.4	4.1	0.8	0.4	0.0
-5°	36.8	23.0	11.8	4.4	0.9	0.4	0.0
-7.5°	37.5	23.5	12.2	4.6	1.0	0.5	0.0
-10°	37.9	23.8	12.5	4.7	1.1	0.5	0.0
-12.5°	38.2	24.1	12.8	4.9	1.2	0.5	0.0
-15°	38.2	24.2	12.9	5.0	1.3	0.5	0.0
-17.5°	38.1	24.2	13.0	5.1	1.4	0.5	0.0
-20°	38.0	24.0	13.0	5.2	1.5	0.5	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P626672 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-730-U-WR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	38.0	23.8	12.9	5.2	1.5	0.5	0.0
-25°	37.9	23.7	12.7	5.2	1.6	0.6	0.0
-27.5°	37.5	23.6	12.4	5.1	1.6	0.6	0.0
-30°	37.0	23.4	12.0	5.1	1.7	0.6	0.0
-32.5°	36.2	23.0	11.8	5.0	1.7	0.6	0.0
-35°	35.5	22.4	11.6	4.8	1.7	0.6	0.0
-37.5°	34.7	21.8	11.2	4.6	1.7	0.6	0.0
-40°	33.7	21.3	10.8	4.4	1.7	0.6	0.0
-42.5°	32.6	20.6	10.5	4.2	1.7	0.5	0.0
-45°	31.2	19.8	10.3	4.1	1.7	0.5	0.0
-47.5°	29.6	18.8	9.9	3.9	1.6	0.5	0.0
-50°	28.2	17.8	9.5	3.8	1.6	0.5	0.0
-52.5°	26.7	16.6	9.0	3.7	1.5	0.5	0.0
-55°	25.1	15.6	8.4	3.6	1.4	0.5	0.0
-57.5°	23.2	14.5	7.7	3.5	1.4	0.4	0.0
-60°	21.3	13.3	6.9	3.3	1.3	0.4	0.0
-62.5°	19.4	12.0	6.4	3.1	1.2	0.4	0.0
-65°	17.4	10.5	5.9	2.8	1.1	0.4	0.0
-67.5°	15.2	9.2	5.2	2.5	1.0	0.3	0.0
-70°	12.8	8.1	4.6	2.1	0.9	0.3	0.0
-72.5°	10.9	6.9	3.8	1.9	0.8	0.3	0.0
-75°	8.9	5.6	3.0	1.6	0.7	0.2	0.0
-77.5°	6.9	4.2	2.5	1.4	0.6	0.2	0.0
-80°	4.8	3.2	2.0	1.1	0.5	0.2	0.0
-82.5°	3.5	2.4	1.5	0.9	0.4	0.1	0.0
-85°	2.4	1.6	1.0	0.6	0.2	0.1	0.0
-87.5°	1.2	0.8	0.5	0.3	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)