

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: P626590 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-722-U-VWR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626590 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1B-722-U-VWR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (16) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

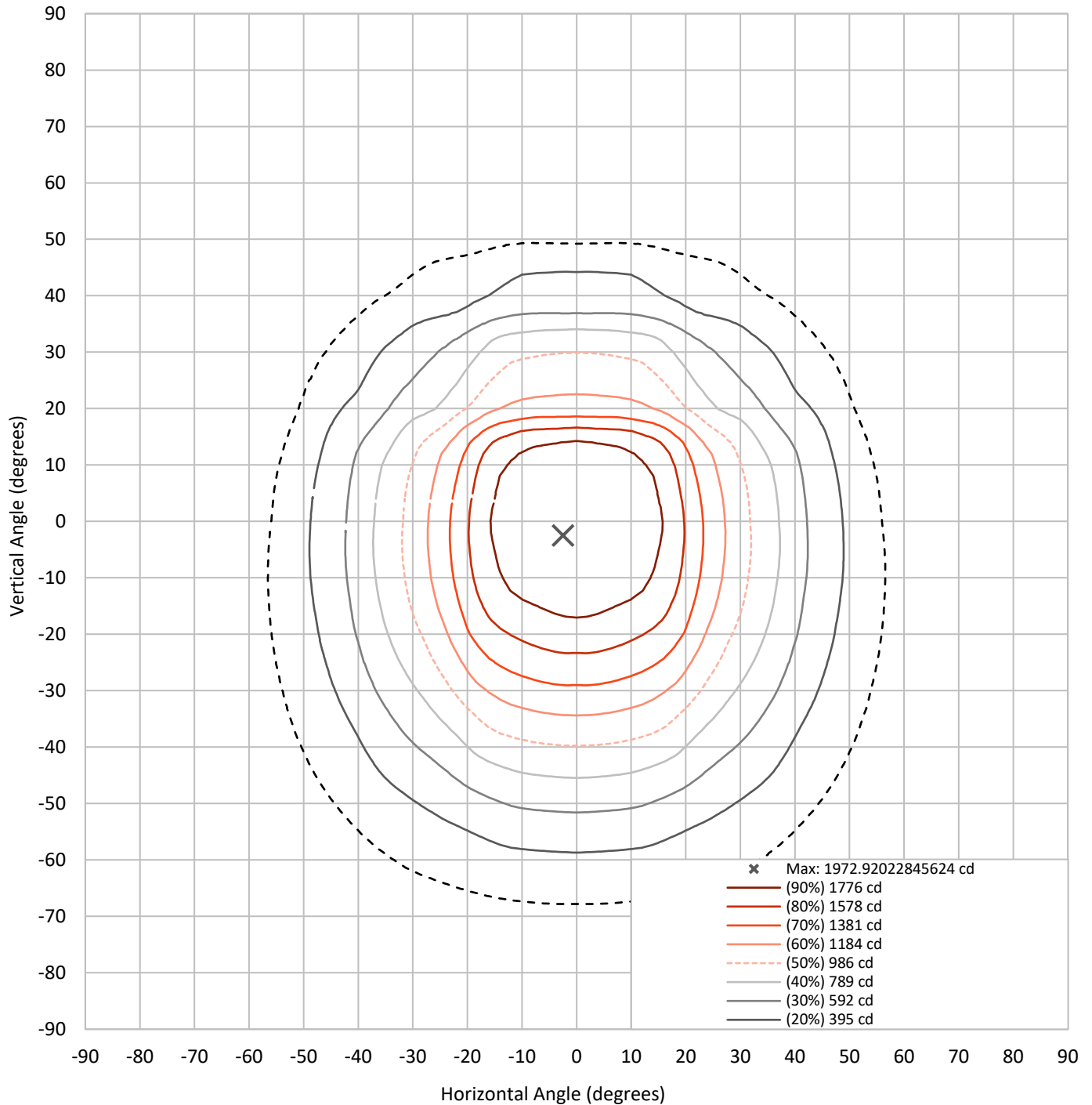
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	2633 lumens	Max Intensity:	1972.9 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	78.6 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	1523.3 lumens	Field Lumens:	2498.5 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	33.5		
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: P626590 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1B-722-U-VWR-VSR-XX

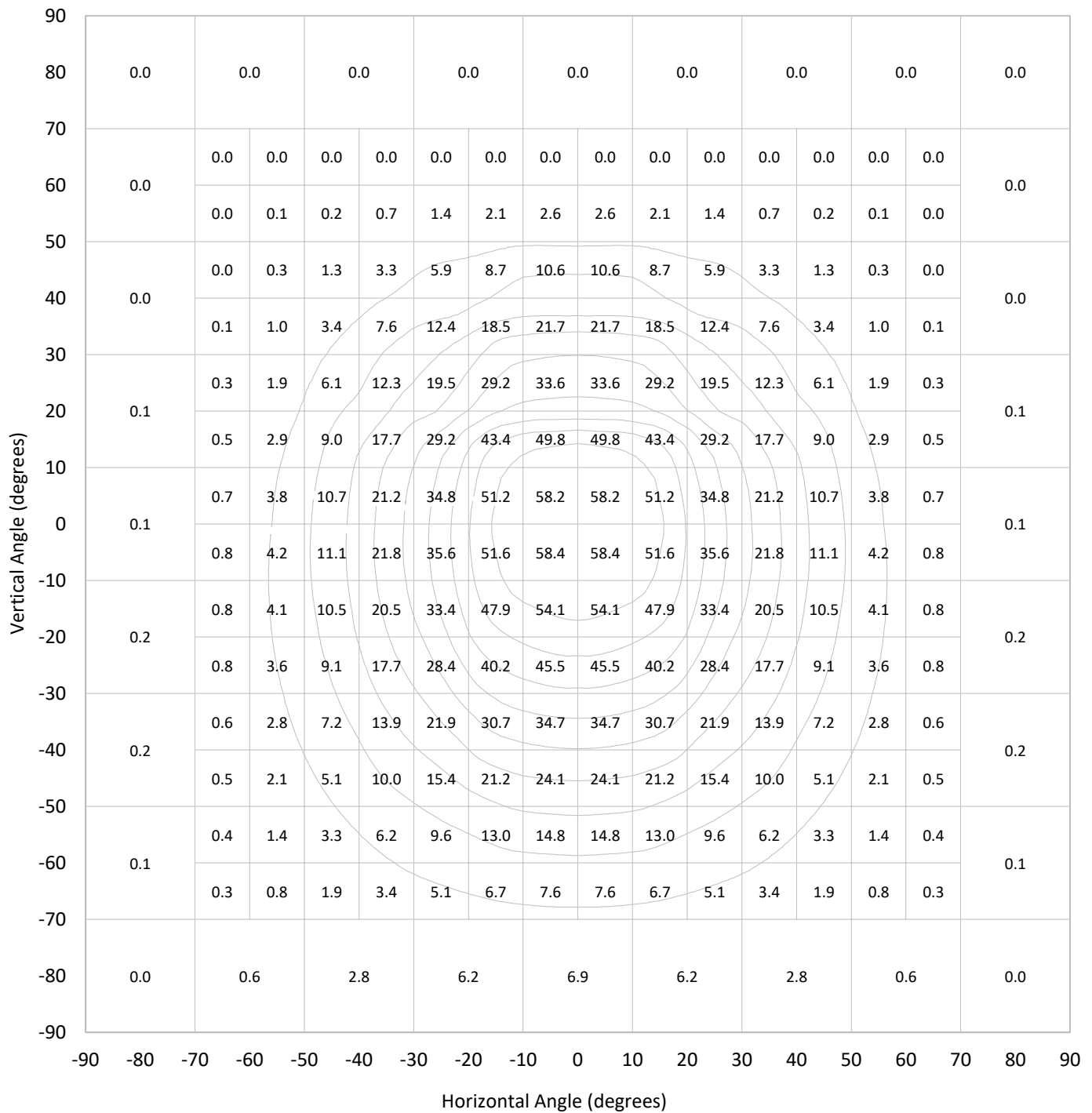
Iso-Candela Plot





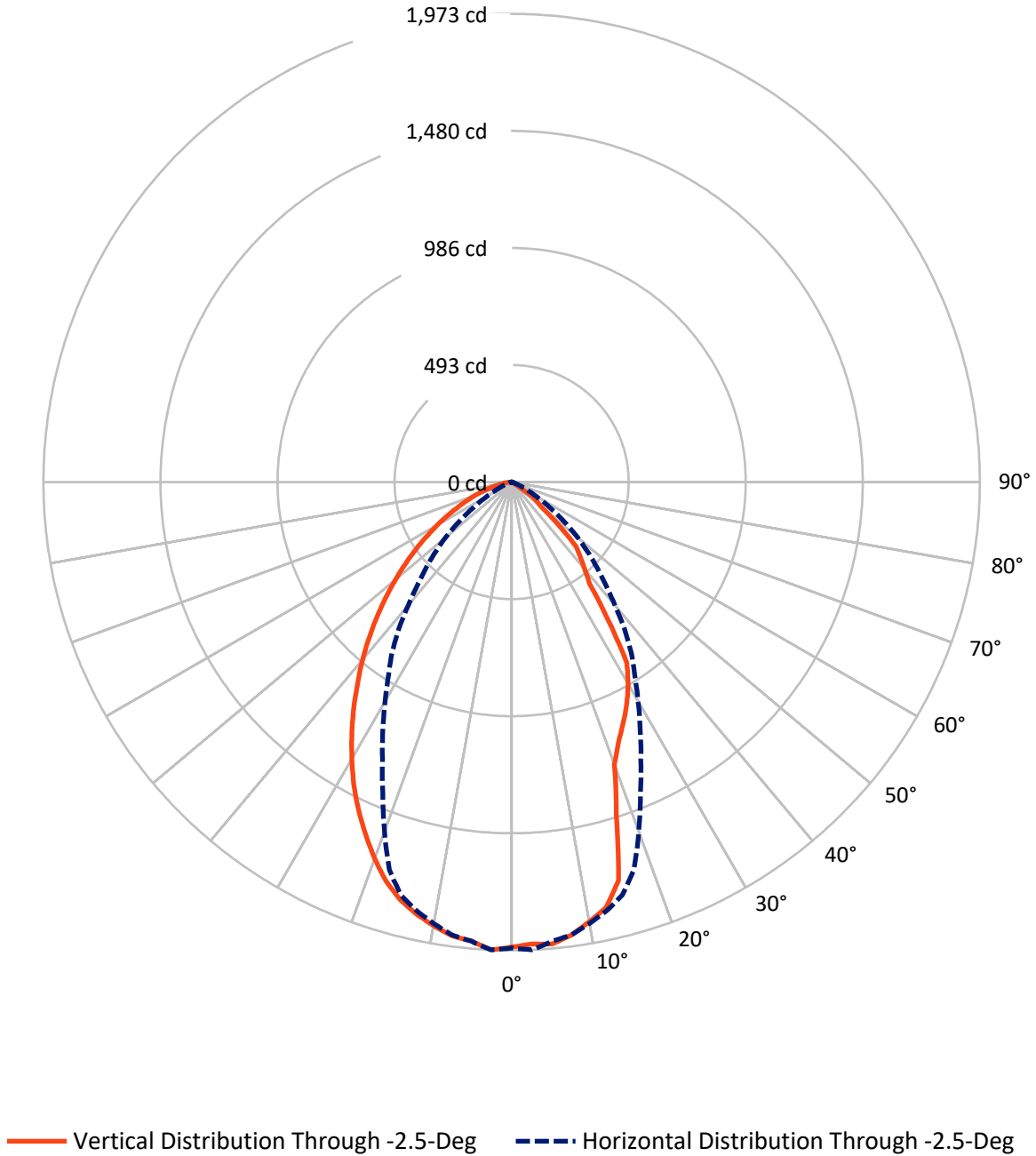
REPORT NUMBER: P626590 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-722-U-VWR-VSR-XX

Lumen Table



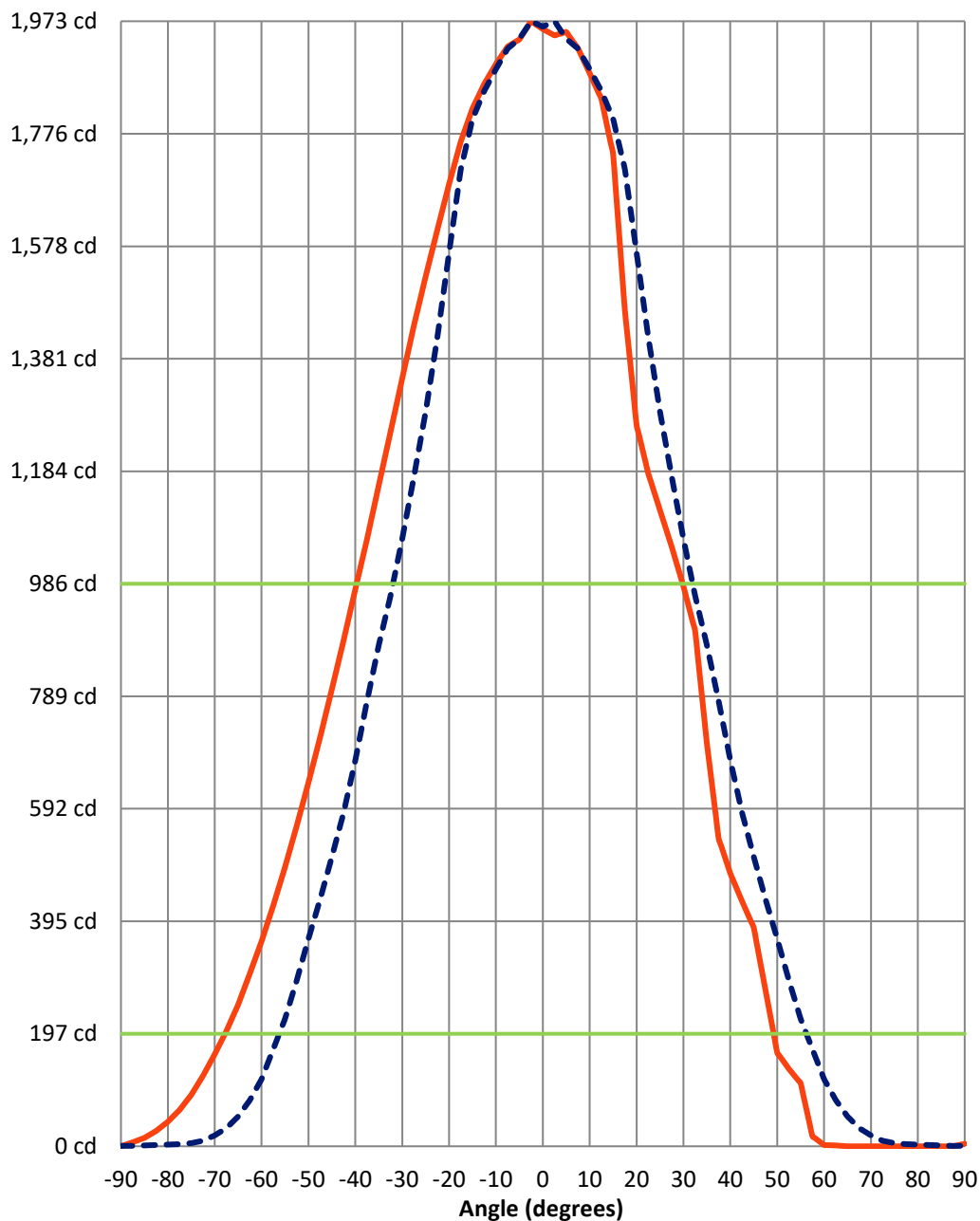
REPORT NUMBER: P626590 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1B-722-U-VWR-VSR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P626590 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-722-U-VWR-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 1523.3
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 2498.5
 Efficiency: 94.9%

Spill:
 Lumens: 134.4
 Efficiency: 5.1%

— Vertical Distribution through -2.5-Deg
 - - Horizontal Distribution through -2.5-Deg

Classified

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

Scaled Data Report



REPORT NUMBER: P626590 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-VWR-VSR-XX

FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.7	0.7	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.0	2.2
87.5°	0.7	0.7	0.7	0.7	0.6	0.6	0.5	0.4	0.2	0.1	0.0
85°	0.7	0.7	0.7	0.7	0.6	0.5	0.3	0.2	0.1	0.0	0.0
82.5°	0.7	0.7	0.7	0.6	0.5	0.4	0.2	0.1	0.0	0.1	0.2
80°	0.7	0.7	0.7	0.6	0.5	0.3	0.0	0.1	0.3	0.4	0.5
77.5°	0.7	0.7	0.7	0.6	0.4	0.2	0.2	0.3	0.5	0.6	0.6
75°	0.7	0.7	0.7	0.6	0.4	0.3	0.4	0.5	0.7	0.6	0.4
72.5°	0.7	0.7	0.7	0.6	0.4	0.5	0.6	0.7	0.6	0.4	0.1
70°	0.7	0.7	0.7	0.6	0.5	0.6	0.7	0.7	0.5	0.3	0.3
67.5°	0.7	0.7	0.7	0.6	0.6	0.7	0.7	0.6	0.5	0.6	0.6
65°	0.7	0.7	0.7	0.6	0.6	0.7	0.8	0.6	0.7	0.8	0.9
62.5°	0.7	0.7	0.7	0.6	0.7	0.8	0.8	0.8	1.0	1.1	1.0
60°	0.7	0.7	0.7	0.6	0.7	0.9	0.9	1.0	1.3	1.3	1.1
57.5°	0.7	0.7	0.7	0.7	0.8	0.9	1.0	1.3	1.5	1.5	1.4
55°	0.7	0.7	0.7	0.7	0.9	1.0	1.2	1.5	1.7	1.7	1.8
52.5°	0.7	0.7	0.7	0.7	0.9	1.1	1.4	1.7	1.9	2.0	2.1
50°	0.7	0.7	0.8	0.7	1.0	1.3	1.6	1.9	2.2	2.3	2.5
47.5°	0.7	0.7	0.8	0.7	1.1	1.4	1.8	2.1	2.4	2.6	2.8
45°	0.7	0.7	0.8	0.8	1.2	1.6	2.0	2.3	2.7	2.9	3.2
42.5°	0.7	0.7	0.8	0.9	1.3	1.7	2.1	2.5	3.0	3.3	3.9
40°	0.7	0.7	0.9	1.0	1.4	1.8	2.3	2.8	3.2	3.6	4.6
37.5°	0.7	0.7	0.9	1.1	1.5	2.0	2.4	3.0	3.6	4.1	5.4
35°	0.7	0.7	0.9	1.2	1.6	2.1	2.6	3.3	3.9	5.0	6.8
32.5°	0.7	0.7	1.0	1.3	1.7	2.2	2.7	3.6	4.2	6.1	9.7
30°	0.7	0.7	1.0	1.4	1.8	2.3	2.9	3.9	4.6	7.3	12.5
27.5°	0.7	0.7	1.0	1.5	1.9	2.4	3.2	4.1	5.2	8.7	15.3
25°	0.7	0.7	1.1	1.5	2.0	2.5	3.4	4.4	6.3	10.7	17.9
22.5°	0.7	0.7	1.1	1.6	2.1	2.7	3.6	4.7	7.4	12.9	21.5
20°	0.7	0.7	1.2	1.7	2.2	2.8	3.8	5.0	8.6	15.0	25.0
17.5°	0.7	0.7	1.2	1.8	2.3	2.9	4.0	5.3	9.8	17.0	28.5
15°	0.7	0.7	1.3	1.9	2.4	3.0	4.3	5.7	11.0	18.9	31.8
12.5°	0.7	0.7	1.3	1.9	2.5	3.2	4.5	6.2	12.3	20.6	35.1
10°	0.7	0.7	1.3	2.0	2.6	3.3	4.6	6.7	13.7	22.6	38.3
7.5°	0.7	0.7	1.4	2.0	2.7	3.4	4.8	7.3	15.0	24.5	41.7
5°	0.7	0.7	1.4	2.1	2.8	3.5	5.0	7.8	16.3	26.4	44.8
2.5°	0.7	0.7	1.5	2.2	2.8	3.6	5.1	8.3	17.4	28.0	47.7
0°	0.7	0.7	1.5	2.2	2.9	3.7	5.2	8.8	18.4	29.5	50.1
-2.5°	0.7	0.7	1.5	2.2	3.0	3.8	5.5	9.7	19.1	31.8	52.3
-5°	0.7	0.7	1.5	2.2	3.0	3.8	5.7	10.5	19.7	33.8	54.1
-7.5°	0.7	0.7	1.5	2.2	3.1	3.9	6.0	11.3	20.2	35.5	55.5
-10°	0.7	0.7	1.5	2.2	3.1	4.0	6.2	11.8	20.5	36.7	56.5
-12.5°	0.7	0.7	1.5	2.1	3.1	4.0	6.3	12.3	20.7	37.3	57.3
-15°	0.7	0.7	1.4	2.1	3.2	4.0	6.4	12.6	21.2	37.2	57.6
-17.5°	0.7	0.7	1.4	2.1	3.2	4.1	6.4	12.8	21.8	36.8	57.2
-20°	0.7	0.7	1.4	2.1	3.1	4.1	6.6	13.1	22.2	36.2	56.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626590 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.7	0.7	1.4	2.0	3.1	4.1	7.0	13.2	22.4	35.2	54.4
-25°	0.7	0.7	1.3	2.0	3.1	4.4	7.3	13.2	22.4	33.9	51.9
-27.5°	0.7	0.7	1.3	2.0	3.0	4.7	7.6	13.0	22.0	32.9	50.0
-30°	0.7	0.7	1.3	1.9	2.9	5.0	7.8	12.7	21.6	32.4	47.9
-32.5°	0.7	0.7	1.2	1.9	3.0	5.3	7.8	12.7	21.1	31.6	45.5
-35°	0.7	0.7	1.2	1.8	3.1	5.5	8.1	12.7	20.4	30.5	42.9
-37.5°	0.7	0.7	1.2	1.8	3.1	5.6	8.3	12.7	19.5	29.0	41.7
-40°	0.7	0.7	1.1	1.7	3.2	5.6	8.4	12.5	18.3	27.6	40.4
-42.5°	0.7	0.7	1.1	1.7	3.2	5.6	8.5	12.2	17.6	26.5	38.4
-45°	0.7	0.7	1.0	1.7	3.2	5.6	8.4	11.9	17.2	25.1	35.9
-47.5°	0.7	0.7	1.0	1.7	3.2	5.5	8.3	11.8	16.5	23.4	33.9
-50°	0.7	0.7	0.9	1.7	3.1	5.4	8.1	11.5	16.0	22.8	31.6
-52.5°	0.7	0.7	0.9	1.6	3.0	5.2	7.9	11.1	15.6	21.9	29.1
-55°	0.7	0.7	0.8	1.6	2.9	5.0	7.6	10.5	15.1	20.9	27.8
-57.5°	0.7	0.7	0.8	1.5	2.7	4.7	7.3	10.1	14.4	19.9	26.4
-60°	0.7	0.7	0.7	1.4	2.6	4.4	6.9	9.6	13.5	18.6	24.7
-62.5°	0.7	0.7	0.7	1.3	2.4	4.0	6.3	9.0	12.4	17.2	22.8
-65°	0.7	0.7	0.7	1.2	2.2	3.6	5.7	8.1	11.0	15.2	20.6
-67.5°	0.7	0.7	0.7	1.1	2.1	3.2	5.0	7.1	9.5	13.0	17.7
-70°	0.7	0.7	0.7	1.0	1.9	2.9	4.3	6.1	8.1	10.5	14.3
-72.5°	0.7	0.7	0.7	1.0	1.7	2.6	3.8	5.0	6.7	8.7	11.0
-75°	0.7	0.7	0.7	1.0	1.4	2.3	3.3	4.2	5.2	6.8	8.7
-77.5°	0.7	0.7	0.7	1.0	1.4	1.9	2.8	3.5	4.3	5.2	6.4
-80°	0.7	0.7	0.7	1.0	1.3	1.7	2.2	2.8	3.5	4.2	4.9
-82.5°	0.7	0.7	0.7	1.0	1.3	1.6	2.0	2.3	2.6	3.1	3.7
-85°	0.7	0.7	0.7	0.9	1.2	1.5	1.9	2.1	2.3	2.6	2.8
-87.5°	0.7	0.7	0.7	0.9	1.2	1.4	1.7	1.9	2.1	2.3	2.5
-90°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.5	0.3	0.2	0.0



REPORT NUMBER: P626590 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.4	2.6	2.7
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°	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.5	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.1	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.4	0.4	0.3	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.1
67.5°	0.7	0.5	0.3	0.2	0.3	0.4	0.3	0.4	0.4	0.4	0.4
65°	0.7	0.5	0.5	0.6	0.7	0.8	0.8	0.9	0.7	0.6	0.6
62.5°	0.7	0.8	1.0	1.1	1.2	1.3	1.3	1.1	0.8	1.1	1.2
60°	1.1	1.2	1.4	1.5	1.7	1.7	1.6	1.6	1.8	2.1	4.1
57.5°	1.5	1.6	1.8	2.0	2.2	2.2	2.3	2.5	5.8	9.5	10.5
55°	1.9	1.9	2.3	2.6	2.8	2.8	4.0	8.5	12.9	17.8	19.6
52.5°	2.2	2.4	2.9	3.4	3.6	5.7	10.2	16.3	22.7	28.4	35.7
50°	2.6	3.2	3.7	4.3	6.9	12.2	18.9	27.2	36.8	45.9	55.2
47.5°	3.3	4.0	4.8	6.8	13.7	21.0	30.2	43.6	55.5	66.5	79.2
45°	4.1	5.5	6.4	13.6	21.5	31.0	46.6	62.9	73.7	88.4	111.0
42.5°	4.9	7.5	12.2	20.5	30.1	45.4	64.8	78.7	93.1	116.9	140.7
40°	7.0	10.1	18.3	28.2	40.5	62.8	82.6	98.4	118.0	144.4	169.2
37.5°	9.6	15.4	24.7	36.5	56.7	81.2	102.4	124.9	147.4	172.4	218.4
35°	12.4	20.3	32.7	48.7	72.9	101.5	126.9	152.0	178.0	227.1	272.8
32.5°	16.2	24.9	41.0	62.8	90.5	121.9	151.3	180.3	222.0	277.6	323.4
30°	20.2	32.2	50.7	75.9	107.0	140.5	175.9	211.1	266.2	312.2	361.9
27.5°	24.4	39.9	62.0	89.5	122.5	158.1	198.0	248.2	297.4	342.9	397.5
25°	28.7	48.0	72.3	102.6	137.7	177.1	223.1	284.1	322.6	372.8	429.8
22.5°	34.3	55.7	82.5	114.5	151.8	196.7	255.2	316.6	361.9	404.1	459.8
20°	40.7	64.3	93.6	129.3	165.6	215.8	287.2	351.7	405.0	453.4	504.5
17.5°	46.8	72.4	105.5	144.5	185.7	240.2	318.6	390.0	448.7	502.5	566.4
15°	52.3	79.9	117.1	158.8	205.5	268.2	346.8	425.2	492.2	552.8	625.3
12.5°	57.4	86.7	128.4	172.2	224.1	292.4	370.4	446.9	520.5	599.6	681.9
10°	62.0	92.9	139.0	184.6	241.4	312.8	389.9	465.1	539.3	623.0	714.4
7.5°	66.9	98.6	148.6	195.8	257.1	329.7	405.5	479.6	554.5	641.7	735.5
5°	71.4	103.9	156.2	203.9	269.2	342.8	417.2	490.7	566.0	655.6	751.5
2.5°	75.4	108.3	162.5	210.2	278.2	352.5	424.9	499.9	574.6	666.9	763.8
0°	78.8	111.9	167.2	215.1	285.0	359.4	429.4	506.0	579.6	674.6	771.8
-2.5°	81.0	117.8	170.5	223.6	290.9	363.9	433.4	507.7	585.0	677.0	780.9
-5°	82.5	122.6	172.4	230.1	294.8	365.9	434.8	506.4	586.5	676.4	782.2
-7.5°	83.4	126.0	173.3	233.8	296.2	364.7	432.5	503.9	584.1	674.1	776.4
-10°	83.9	127.1	174.6	232.7	294.4	360.8	427.5	498.0	577.4	666.6	765.3
-12.5°	85.3	126.4	174.4	230.2	290.6	354.8	420.1	488.8	566.3	653.8	749.9
-15°	85.6	124.9	172.3	226.5	284.6	347.1	410.5	476.1	552.6	641.3	732.9
-17.5°	84.8	122.6	168.2	221.9	276.7	337.6	399.1	464.6	539.7	626.8	715.1
-20°	82.9	119.6	162.0	216.4	267.3	327.1	387.7	452.6	524.9	606.8	695.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626590 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	79.6	116.0	155.4	208.7	259.2	315.0	374.3	436.3	506.3	580.8	668.2
-25°	76.3	112.0	150.1	198.2	249.4	300.9	358.9	416.3	484.5	557.6	635.3
-27.5°	73.1	106.3	144.7	186.6	237.9	285.8	341.5	397.5	460.0	531.7	603.2
-30°	69.0	100.2	138.0	175.6	224.1	271.7	322.1	377.2	433.4	501.5	571.8
-32.5°	65.4	93.8	130.4	167.1	209.3	255.7	301.3	353.7	408.6	466.6	536.1
-35°	62.9	90.1	122.3	157.3	194.2	238.3	281.7	327.3	380.4	434.8	495.9
-37.5°	60.9	85.8	113.8	147.1	182.3	220.1	260.7	302.6	349.0	403.9	461.3
-40°	57.8	80.9	107.6	137.4	168.4	202.9	240.5	278.5	318.7	372.3	428.9
-42.5°	53.8	76.2	101.7	126.9	155.2	186.6	220.1	255.9	294.5	341.1	393.1
-45°	50.8	70.2	95.1	117.7	141.1	169.9	201.3	233.7	270.2	310.1	356.8
-47.5°	46.9	63.6	86.5	107.6	128.3	152.8	181.5	212.2	244.5	280.5	318.8
-50°	42.7	58.1	76.0	96.5	116.3	136.7	161.2	189.5	218.8	250.2	284.4
-52.5°	39.6	51.8	68.0	85.1	103.9	122.5	143.3	167.6	193.8	220.0	250.1
-55°	36.0	47.1	60.5	75.8	91.8	108.9	128.0	149.2	170.5	194.6	218.6
-57.5°	33.5	42.6	54.2	67.5	81.8	96.4	114.4	132.4	152.1	172.0	191.9
-60°	31.5	38.7	48.3	60.0	72.8	86.4	101.1	117.8	134.8	151.1	168.3
-62.5°	29.3	35.5	43.0	52.6	64.1	76.0	88.9	103.2	118.6	132.3	145.6
-65°	26.3	31.7	38.2	46.0	55.1	65.1	76.1	88.1	101.4	112.6	123.5
-67.5°	23.0	27.5	33.0	39.3	46.9	54.7	62.8	73.0	83.7	92.8	101.7
-70°	18.8	23.0	27.4	32.6	38.5	45.2	52.3	59.7	67.0	74.4	82.6
-72.5°	14.4	18.2	22.0	25.7	30.4	35.8	41.6	47.8	54.3	60.6	66.7
-75°	11.0	13.5	16.7	20.1	23.3	26.9	30.8	35.7	41.7	47.9	53.5
-77.5°	8.3	10.4	12.5	14.8	16.9	19.5	22.4	25.4	30.4	36.0	41.7
-80°	6.0	7.2	8.9	10.8	12.3	13.7	15.2	16.7	20.4	25.0	29.8
-82.5°	4.4	5.3	6.2	7.3	8.0	8.8	9.6	10.6	13.3	16.4	19.6
-85°	3.0	3.3	3.8	4.4	4.8	5.3	5.7	6.1	7.6	9.2	11.0
-87.5°	2.6	2.7	2.9	3.1	3.1	3.2	3.2	3.3	3.8	4.3	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: P626590 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.2	4.4	4.4	4.4
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°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.3	0.4	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.7	0.7	0.5	0.3	0.2	0.3	0.4	0.5	0.5	0.5	0.4
62.5°	1.1	1.0	1.0	1.1	1.4	1.6	1.5	1.4	1.3	1.3	1.3
60°	4.4	2.9	3.4	4.2	3.9	2.7	4.4	5.0	4.3	2.9	2.8
57.5°	11.0	10.7	12.2	17.8	19.6	17.9	21.4	25.9	25.8	22.2	22.1
55°	23.5	31.6	41.3	42.8	49.6	63.1	73.6	69.0	69.0	72.5	83.7
52.5°	44.7	52.3	55.1	62.6	76.7	87.0	93.6	100.4	107.8	115.4	123.2
50°	65.5	72.9	81.3	89.0	108.6	119.1	117.3	131.4	149.5	160.8	166.6
47.5°	96.2	107.8	125.5	153.1	167.7	178.2	191.4	207.3	228.0	256.1	277.7
45°	132.2	150.4	177.8	207.2	229.8	240.1	255.2	279.9	312.9	345.0	368.4
42.5°	161.6	186.7	217.5	245.6	264.1	281.0	300.4	321.3	359.1	393.4	420.5
40°	200.1	219.6	254.2	280.7	297.2	314.0	344.8	376.0	411.5	443.5	465.7
37.5°	248.8	270.7	306.7	336.7	352.6	358.6	410.9	454.4	483.2	524.1	537.4
35°	301.1	337.3	383.1	422.0	437.6	468.7	522.6	583.3	649.1	673.2	693.9
32.5°	359.5	404.1	466.4	508.0	530.3	577.5	645.7	710.5	796.5	843.1	857.1
30°	413.0	464.1	517.6	558.1	596.2	653.0	715.3	795.1	874.6	934.3	952.8
27.5°	452.1	508.7	560.1	598.1	641.1	702.4	780.0	860.8	938.9	999.7	1021.3
25°	489.6	553.5	594.3	638.4	688.8	755.6	841.6	931.4	1008.3	1059.8	1086.3
22.5°	532.1	595.2	638.9	676.3	742.2	819.2	899.0	1000.6	1082.0	1123.0	1151.8
20°	576.0	647.4	714.9	749.7	806.7	904.2	993.6	1089.5	1168.1	1210.8	1241.1
17.5°	637.3	728.3	811.1	860.3	921.3	1038.0	1149.5	1246.4	1355.8	1394.4	1431.5
15°	702.0	807.3	904.2	982.2	1061.1	1176.6	1320.1	1437.2	1561.9	1617.7	1680.7
12.5°	766.4	866.0	953.9	1054.5	1165.6	1267.9	1404.5	1550.2	1663.5	1734.5	1776.9
10°	814.6	907.1	991.6	1092.4	1203.4	1319.1	1454.8	1604.2	1722.8	1783.4	1818.0
7.5°	840.6	929.1	1018.3	1120.4	1230.9	1354.1	1494.0	1642.2	1763.4	1822.2	1856.3
5°	859.9	944.9	1037.2	1144.8	1256.5	1381.4	1521.1	1667.5	1778.0	1840.5	1883.7
2.5°	871.6	954.9	1049.3	1160.5	1272.5	1402.5	1549.0	1700.8	1797.5	1847.7	1887.5
0°	875.0	958.9	1056.1	1168.8	1283.7	1414.8	1559.9	1710.1	1808.1	1856.7	1897.2
-2.5°	878.8	965.2	1065.1	1174.1	1288.0	1418.8	1566.9	1713.3	1801.4	1850.5	1889.0
-5°	876.1	965.7	1065.3	1169.7	1284.4	1414.0	1556.3	1693.1	1785.3	1838.3	1876.6
-7.5°	868.2	959.1	1057.6	1158.0	1270.4	1401.6	1543.2	1675.0	1768.4	1824.3	1866.2
-10°	856.6	944.9	1044.1	1145.8	1256.9	1381.7	1521.1	1652.1	1741.5	1800.9	1849.8
-12.5°	843.8	930.2	1025.9	1123.4	1233.3	1356.6	1491.7	1615.7	1704.6	1769.4	1804.2
-15°	824.9	911.2	1002.7	1097.0	1204.2	1323.8	1452.8	1571.8	1659.0	1711.7	1750.3
-17.5°	800.8	885.5	972.2	1061.7	1162.6	1280.5	1410.2	1527.6	1598.7	1645.7	1683.7
-20°	775.0	853.3	935.5	1019.9	1117.7	1234.5	1361.9	1464.3	1531.3	1576.5	1612.3



REPORT NUMBER: P626590 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	745.5	821.0	896.1	976.8	1072.8	1179.8	1292.4	1391.3	1463.3	1504.5	1537.6
-25°	711.9	785.2	856.6	934.6	1022.8	1118.9	1223.6	1320.8	1385.4	1429.1	1461.9
-27.5°	675.6	744.6	814.3	884.3	963.6	1059.4	1156.3	1246.6	1301.7	1345.8	1378.9
-30°	639.4	701.5	766.0	832.3	906.6	993.0	1083.8	1159.7	1217.7	1260.6	1291.3
-32.5°	600.2	659.1	716.3	778.2	848.2	924.4	1003.9	1076.2	1138.3	1177.5	1203.4
-35°	560.1	617.1	669.4	725.6	787.4	853.1	926.5	997.8	1059.1	1090.1	1115.3
-37.5°	518.3	575.1	624.7	671.6	724.9	785.7	857.3	925.2	978.2	1004.9	1027.6
-40°	481.9	531.9	576.5	621.5	664.7	718.8	785.6	851.4	893.9	919.9	940.9
-42.5°	446.6	488.8	525.3	565.6	608.9	662.2	716.1	771.3	805.4	834.3	856.5
-45°	405.4	443.2	477.4	511.0	550.5	599.1	648.0	692.2	724.2	752.1	773.8
-47.5°	360.0	396.4	429.7	459.6	496.3	536.9	578.1	614.9	646.5	674.1	693.3
-50°	317.6	350.1	382.6	412.9	444.8	477.6	511.0	543.3	573.3	600.1	616.5
-52.5°	279.7	309.6	338.0	364.5	392.4	420.1	447.8	477.4	505.0	530.3	543.4
-55°	245.3	272.3	298.0	320.3	342.6	364.6	388.4	415.7	441.1	464.6	474.0
-57.5°	214.4	237.6	260.3	279.2	297.4	314.9	335.7	358.8	381.0	401.2	408.8
-60°	186.1	204.5	223.4	240.2	256.1	271.1	289.3	307.8	325.8	341.0	347.6
-62.5°	160.0	175.7	190.1	203.7	217.2	230.7	245.3	260.1	274.6	286.3	292.2
-65°	134.8	147.4	158.9	170.1	181.0	192.3	203.8	215.0	225.8	234.1	239.2
-67.5°	111.2	120.7	129.9	138.6	147.7	156.9	165.9	174.4	182.5	189.0	193.9
-70°	90.2	97.6	104.8	112.0	119.6	126.8	133.5	139.9	145.9	150.6	154.4
-72.5°	72.7	78.7	84.9	91.4	97.6	102.9	107.8	112.5	116.9	119.6	121.5
-75°	58.6	63.7	69.1	74.3	79.5	83.5	87.1	90.6	93.9	94.1	93.4
-77.5°	47.4	51.9	56.0	60.2	64.3	66.8	69.0	71.2	73.5	72.2	70.1
-80°	34.8	38.5	42.1	45.6	49.2	50.7	51.7	52.6	53.4	51.6	49.5
-82.5°	23.0	25.4	27.7	30.1	32.5	33.4	34.1	34.7	35.1	33.6	31.8
-85°	12.9	14.0	15.1	16.2	17.4	18.0	18.6	19.2	19.7	18.8	17.7
-87.5°	5.4	5.6	5.9	6.1	6.3	6.6	6.8	7.1	7.3	7.3	7.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626590 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.2
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°	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.5	0.5	0.5
62.5°	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.4
60°	2.6	2.3	2.2	2.2	2.2	2.3	2.6	2.8	2.9	4.3	5.0
57.5°	20.4	17.4	17.9	19.9	17.9	17.4	20.4	22.1	22.2	25.8	25.9
55°	95.4	106.5	110.5	108.3	110.5	106.5	95.4	83.7	72.5	69.0	69.0
52.5°	129.3	133.9	135.6	135.5	135.6	133.9	129.3	123.2	115.4	107.8	100.4
50°	168.3	166.7	164.3	162.0	164.3	166.7	168.3	166.6	160.8	149.5	131.4
47.5°	280.8	276.0	273.9	277.7	273.9	276.0	280.8	277.7	256.1	228.0	207.3
45°	373.2	379.0	383.2	383.0	383.2	379.0	373.2	368.4	345.0	312.9	279.9
42.5°	425.8	428.9	429.7	428.6	429.7	428.9	425.8	420.5	393.4	359.1	321.3
40°	472.7	476.4	478.4	480.2	478.4	476.4	472.7	465.7	443.5	411.5	376.0
37.5°	541.8	543.1	540.2	538.4	540.2	543.1	541.8	537.4	524.1	483.2	454.4
35°	711.2	714.7	706.6	715.1	706.6	714.7	711.2	693.9	673.2	649.1	583.3
32.5°	873.7	890.0	903.1	914.0	903.1	890.0	873.7	857.1	843.1	796.5	710.5
30°	965.7	976.2	981.9	983.2	981.9	976.2	965.7	952.8	934.3	874.6	795.1
27.5°	1033.3	1044.3	1051.1	1056.1	1051.1	1044.3	1033.3	1021.3	999.7	938.9	860.8
25°	1098.4	1108.5	1115.3	1118.0	1115.3	1108.5	1098.4	1086.3	1059.8	1008.3	931.4
22.5°	1166.0	1173.0	1179.6	1182.8	1179.6	1173.0	1166.0	1151.8	1123.0	1082.0	1000.6
20°	1262.9	1259.1	1265.1	1263.1	1265.1	1259.1	1262.9	1241.1	1210.8	1168.1	1089.5
17.5°	1460.3	1462.4	1466.4	1473.0	1466.4	1462.4	1460.3	1431.5	1394.4	1355.8	1246.4
15°	1708.6	1713.7	1739.0	1761.7	1739.0	1713.7	1708.6	1680.7	1617.7	1561.9	1437.2
12.5°	1816.3	1833.6	1836.3	1842.7	1836.3	1833.6	1816.3	1776.9	1734.5	1663.5	1550.2
10°	1852.3	1882.2	1881.6	1889.1	1881.6	1882.2	1852.3	1818.0	1783.4	1722.8	1604.2
7.5°	1879.6	1911.7	1925.3	1931.1	1925.3	1911.7	1879.6	1856.3	1822.2	1763.4	1642.2
5°	1912.8	1930.5	1954.0	1947.3	1954.0	1930.5	1912.8	1883.7	1840.5	1778.0	1667.5
2.5°	1926.8	1954.5	1948.1	1954.6	1948.1	1954.5	1926.8	1887.5	1847.7	1797.5	1700.8
0°	1936.2	1956.1	1959.1	1965.7	1959.1	1956.1	1936.2	1897.2	1856.7	1808.1	1710.1
-2.5°	1924.8	1942.3	1972.9	1963.5	1972.9	1942.3	1924.8	1889.0	1850.5	1801.4	1713.3
-5°	1914.8	1957.9	1941.1	1962.0	1941.1	1957.9	1914.8	1876.6	1838.3	1785.3	1693.1
-7.5°	1909.6	1917.3	1928.5	1944.3	1928.5	1917.3	1909.6	1866.2	1824.3	1768.4	1675.0
-10°	1869.7	1877.5	1897.9	1909.0	1897.9	1877.5	1869.7	1849.8	1800.9	1741.5	1652.1
-12.5°	1826.3	1841.5	1863.0	1869.9	1863.0	1841.5	1826.3	1804.2	1769.4	1704.6	1615.7
-15°	1776.3	1799.0	1819.9	1824.3	1819.9	1799.0	1776.3	1750.3	1711.7	1659.0	1571.8
-17.5°	1712.8	1740.0	1761.9	1766.8	1761.9	1740.0	1712.8	1683.7	1645.7	1598.7	1527.6
-20°	1642.9	1668.9	1687.5	1693.2	1687.5	1668.9	1642.9	1612.3	1576.5	1531.3	1464.3



REPORT NUMBER: P626590 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1568.0	1591.4	1607.2	1604.8	1607.2	1591.4	1568.0	1537.6	1504.5	1463.3	1391.3
-25°	1488.4	1510.1	1525.2	1523.1	1525.2	1510.1	1488.4	1461.9	1429.1	1385.4	1320.8
-27.5°	1404.3	1424.9	1439.4	1439.8	1439.4	1424.9	1404.3	1378.9	1345.8	1301.7	1246.6
-30°	1316.0	1334.7	1346.4	1341.9	1346.4	1334.7	1316.0	1291.3	1260.6	1217.7	1159.7
-32.5°	1224.9	1241.8	1252.5	1255.7	1252.5	1241.8	1224.9	1203.4	1177.5	1138.3	1076.2
-35°	1135.0	1149.9	1159.2	1161.4	1159.2	1149.9	1135.0	1115.3	1090.1	1059.1	997.8
-37.5°	1045.6	1058.4	1064.9	1062.0	1064.9	1058.4	1045.6	1027.6	1004.9	978.2	925.2
-40°	957.3	969.6	977.0	978.8	977.0	969.6	957.3	940.9	919.9	893.9	851.4
-42.5°	870.6	880.7	887.2	890.4	887.2	880.7	870.6	856.5	834.3	805.4	771.3
-45°	786.4	795.5	801.6	805.0	801.6	795.5	786.4	773.8	752.1	724.2	692.2
-47.5°	704.4	712.4	717.7	720.3	717.7	712.4	704.4	693.3	674.1	646.5	614.9
-50°	626.1	633.0	637.9	640.7	637.9	633.0	626.1	616.5	600.1	573.3	543.3
-52.5°	551.8	557.8	562.0	564.2	562.0	557.8	551.8	543.4	530.3	505.0	477.4
-55°	480.8	485.7	489.6	492.0	489.6	485.7	480.8	474.0	464.6	441.1	415.7
-57.5°	414.7	418.7	422.3	425.0	422.3	418.7	414.7	408.8	401.2	381.0	358.8
-60°	352.7	356.5	359.6	361.6	359.6	356.5	352.7	347.6	341.0	325.8	307.8
-62.5°	296.9	300.2	303.0	304.9	303.0	300.2	296.9	292.2	286.3	274.6	260.1
-65°	243.3	246.3	248.4	249.7	248.4	246.3	243.3	239.2	234.1	225.8	215.0
-67.5°	198.1	201.6	202.2	201.8	202.2	201.6	198.1	193.9	189.0	182.5	174.4
-70°	157.7	160.7	161.4	161.3	161.4	160.7	157.7	154.4	150.6	145.9	139.9
-72.5°	123.3	124.9	123.6	121.5	123.6	124.9	123.3	121.5	119.6	116.9	112.5
-75°	92.6	91.6	90.2	88.4	90.2	91.6	92.6	93.4	94.1	93.9	90.6
-77.5°	67.8	65.2	63.6	61.9	63.6	65.2	67.8	70.1	72.2	73.5	71.2
-80°	47.2	44.7	43.0	41.2	43.0	44.7	47.2	49.5	51.6	53.4	52.6
-82.5°	29.9	27.9	26.9	25.8	26.9	27.9	29.9	31.8	33.6	35.1	34.7
-85°	16.6	15.4	14.7	14.0	14.7	15.4	16.6	17.7	18.8	19.7	19.2
-87.5°	7.4	7.4	7.0	6.6	7.0	7.4	7.4	7.4	7.3	7.3	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



REPORT NUMBER: P626590 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	4.1	3.9	3.7	3.5	3.3	3.1	2.9	2.7	2.6	2.4	2.2
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	0.1	0.1	0.0	0.0	0.1
67.5°	0.0	0.0	0.1	0.3	0.4	0.4	0.3	0.4	0.4	0.4	0.4
65°	0.4	0.3	0.2	0.3	0.5	0.7	0.7	0.6	0.6	0.7	0.9
62.5°	1.5	1.6	1.4	1.1	1.0	1.0	1.1	1.2	1.1	0.8	1.1
60°	4.4	2.7	3.9	4.2	3.4	2.9	4.4	4.1	2.1	1.8	1.6
57.5°	21.4	17.9	19.6	17.8	12.2	10.7	11.0	10.5	9.5	5.8	2.5
55°	73.6	63.1	49.6	42.8	41.3	31.6	23.5	19.6	17.8	12.9	8.5
52.5°	93.6	87.0	76.7	62.6	55.1	52.3	44.7	35.7	28.4	22.7	16.3
50°	117.3	119.1	108.6	89.0	81.3	72.9	65.5	55.2	45.9	36.8	27.2
47.5°	191.4	178.2	167.7	153.1	125.5	107.8	96.2	79.2	66.5	55.5	43.6
45°	255.2	240.1	229.8	207.2	177.8	150.4	132.2	111.0	88.4	73.7	62.9
42.5°	300.4	281.0	264.1	245.6	217.5	186.7	161.6	140.7	116.9	93.1	78.7
40°	344.8	314.0	297.2	280.7	254.2	219.6	200.1	169.2	144.4	118.0	98.4
37.5°	410.9	358.6	352.6	336.7	306.7	270.7	248.8	218.4	172.4	147.4	124.9
35°	522.6	468.7	437.6	422.0	383.1	337.3	301.1	272.8	227.1	178.0	152.0
32.5°	645.7	577.5	530.3	508.0	466.4	404.1	359.5	323.4	277.6	222.0	180.3
30°	715.3	653.0	596.2	558.1	517.6	464.1	413.0	361.9	312.2	266.2	211.1
27.5°	780.0	702.4	641.1	598.1	560.1	508.7	452.1	397.5	342.9	297.4	248.2
25°	841.6	755.6	688.8	638.4	594.3	553.5	489.6	429.8	372.8	322.6	284.1
22.5°	899.0	819.2	742.2	676.3	638.9	595.2	532.1	459.8	404.1	361.9	316.6
20°	993.6	904.2	806.7	749.7	714.9	647.4	576.0	504.5	453.4	405.0	351.7
17.5°	1149.5	1038.0	921.3	860.3	811.1	728.3	637.3	566.4	502.5	448.7	390.0
15°	1320.1	1176.6	1061.1	982.2	904.2	807.3	702.0	625.3	552.8	492.2	425.2
12.5°	1404.5	1267.9	1165.6	1054.5	953.9	866.0	766.4	681.9	599.6	520.5	446.9
10°	1454.8	1319.1	1203.4	1092.4	991.6	907.1	814.6	714.4	623.0	539.3	465.1
7.5°	1494.0	1354.1	1230.9	1120.4	1018.3	929.1	840.6	735.5	641.7	554.5	479.6
5°	1521.1	1381.4	1256.5	1144.8	1037.2	944.9	859.9	751.5	655.6	566.0	490.7
2.5°	1549.0	1402.5	1272.5	1160.5	1049.3	954.9	871.6	763.8	666.9	574.6	499.9
0°	1559.9	1414.8	1283.7	1168.8	1056.1	958.9	875.0	771.8	674.6	579.6	506.0
-2.5°	1566.9	1418.8	1288.0	1174.1	1065.1	965.2	878.8	780.9	677.0	585.0	507.7
-5°	1556.3	1414.0	1284.4	1169.7	1065.3	965.7	876.1	782.2	676.4	586.5	506.4
-7.5°	1543.2	1401.6	1270.4	1158.0	1057.6	959.1	868.2	776.4	674.1	584.1	503.9
-10°	1521.1	1381.7	1256.9	1145.8	1044.1	944.9	856.6	765.3	666.6	577.4	498.0
-12.5°	1491.7	1356.6	1233.3	1123.4	1025.9	930.2	843.8	749.9	653.8	566.3	488.8
-15°	1452.8	1323.8	1204.2	1097.0	1002.7	911.2	824.9	732.9	641.3	552.6	476.1
-17.5°	1410.2	1280.5	1162.6	1061.7	972.2	885.5	800.8	715.1	626.8	539.7	464.6
-20°	1361.9	1234.5	1117.7	1019.9	935.5	853.3	775.0	695.1	606.8	524.9	452.6

Classified

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

Scaled Data Report



REPORT NUMBER: P626590 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1292.4	1179.8	1072.8	976.8	896.1	821.0	745.5	668.2	580.8	506.3	436.3
-25°	1223.6	1118.9	1022.8	934.6	856.6	785.2	711.9	635.3	557.6	484.5	416.3
-27.5°	1156.3	1059.4	963.6	884.3	814.3	744.6	675.6	603.2	531.7	460.0	397.5
-30°	1083.8	993.0	906.6	832.3	766.0	701.5	639.4	571.8	501.5	433.4	377.2
-32.5°	1003.9	924.4	848.2	778.2	716.3	659.1	600.2	536.1	466.6	408.6	353.7
-35°	926.5	853.1	787.4	725.6	669.4	617.1	560.1	495.9	434.8	380.4	327.3
-37.5°	857.3	785.7	724.9	671.6	624.7	575.1	518.3	461.3	403.9	349.0	302.6
-40°	785.6	718.8	664.7	621.5	576.5	531.9	481.9	428.9	372.3	318.7	278.5
-42.5°	716.1	662.2	608.9	565.6	525.3	488.8	446.6	393.1	341.1	294.5	255.9
-45°	648.0	599.1	550.5	511.0	477.4	443.2	405.4	356.8	310.1	270.2	233.7
-47.5°	578.1	536.9	496.3	459.6	429.7	396.4	360.0	318.8	280.5	244.5	212.2
-50°	511.0	477.6	444.8	412.9	382.6	350.1	317.6	284.4	250.2	218.8	189.5
-52.5°	447.8	420.1	392.4	364.5	338.0	309.6	279.7	250.1	220.0	193.8	167.6
-55°	388.4	364.6	342.6	320.3	298.0	272.3	245.3	218.6	194.6	170.5	149.2
-57.5°	335.7	314.9	297.4	279.2	260.3	237.6	214.4	191.9	172.0	152.1	132.4
-60°	289.3	271.1	256.1	240.2	223.4	204.5	186.1	168.3	151.1	134.8	117.8
-62.5°	245.3	230.7	217.2	203.7	190.1	175.7	160.0	145.6	132.3	118.6	103.2
-65°	203.8	192.3	181.0	170.1	158.9	147.4	134.8	123.5	112.6	101.4	88.1
-67.5°	165.9	156.9	147.7	138.6	129.9	120.7	111.2	101.7	92.8	83.7	73.0
-70°	133.5	126.8	119.6	112.0	104.8	97.6	90.2	82.6	74.4	67.0	59.7
-72.5°	107.8	102.9	97.6	91.4	84.9	78.7	72.7	66.7	60.6	54.3	47.8
-75°	87.1	83.5	79.5	74.3	69.1	63.7	58.6	53.5	47.9	41.7	35.7
-77.5°	69.0	66.8	64.3	60.2	56.0	51.9	47.4	41.7	36.0	30.4	25.4
-80°	51.7	50.7	49.2	45.6	42.1	38.5	34.8	29.8	25.0	20.4	16.7
-82.5°	34.1	33.4	32.5	30.1	27.7	25.4	23.0	19.6	16.4	13.3	10.6
-85°	18.6	18.0	17.4	16.2	15.1	14.0	12.9	11.0	9.2	7.6	6.1
-87.5°	6.8	6.6	6.3	6.1	5.9	5.6	5.4	4.8	4.3	3.8	3.3
-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: P626590 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.0	1.9	1.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
82.5°	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.2	0.1	0.0	0.1
80°	0.0	0.0	0.0	0.0	0.2	0.4	0.5	0.5	0.4	0.3	0.1
77.5°	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.6	0.6	0.5	0.3
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.6	0.7	0.5
72.5°	0.0	0.0	0.0	0.1	0.2	0.2	0.1	0.1	0.4	0.6	0.7
70°	0.1	0.0	0.0	0.1	0.3	0.4	0.4	0.3	0.3	0.5	0.7
67.5°	0.3	0.4	0.3	0.2	0.3	0.5	0.7	0.6	0.6	0.5	0.6
65°	0.8	0.8	0.7	0.6	0.5	0.5	0.7	0.9	0.8	0.7	0.6
62.5°	1.3	1.3	1.2	1.1	1.0	0.8	0.7	1.0	1.1	1.0	0.8
60°	1.6	1.7	1.7	1.5	1.4	1.2	1.1	1.1	1.3	1.3	1.0
57.5°	2.3	2.2	2.2	2.0	1.8	1.6	1.5	1.4	1.5	1.5	1.3
55°	4.0	2.8	2.8	2.6	2.3	1.9	1.9	1.8	1.7	1.7	1.5
52.5°	10.2	5.7	3.6	3.4	2.9	2.4	2.2	2.1	2.0	1.9	1.7
50°	18.9	12.2	6.9	4.3	3.7	3.2	2.6	2.5	2.3	2.2	1.9
47.5°	30.2	21.0	13.7	6.8	4.8	4.0	3.3	2.8	2.6	2.4	2.1
45°	46.6	31.0	21.5	13.6	6.4	5.5	4.1	3.2	2.9	2.7	2.3
42.5°	64.8	45.4	30.1	20.5	12.2	7.5	4.9	3.9	3.3	3.0	2.5
40°	82.6	62.8	40.5	28.2	18.3	10.1	7.0	4.6	3.6	3.2	2.8
37.5°	102.4	81.2	56.7	36.5	24.7	15.4	9.6	5.4	4.1	3.6	3.0
35°	126.9	101.5	72.9	48.7	32.7	20.3	12.4	6.8	5.0	3.9	3.3
32.5°	151.3	121.9	90.5	62.8	41.0	24.9	16.2	9.7	6.1	4.2	3.6
30°	175.9	140.5	107.0	75.9	50.7	32.2	20.2	12.5	7.3	4.6	3.9
27.5°	198.0	158.1	122.5	89.5	62.0	39.9	24.4	15.3	8.7	5.2	4.1
25°	223.1	177.1	137.7	102.6	72.3	48.0	28.7	17.9	10.7	6.3	4.4
22.5°	255.2	196.7	151.8	114.5	82.5	55.7	34.3	21.5	12.9	7.4	4.7
20°	287.2	215.8	165.6	129.3	93.6	64.3	40.7	25.0	15.0	8.6	5.0
17.5°	318.6	240.2	185.7	144.5	105.5	72.4	46.8	28.5	17.0	9.8	5.3
15°	346.8	268.2	205.5	158.8	117.1	79.9	52.3	31.8	18.9	11.0	5.7
12.5°	370.4	292.4	224.1	172.2	128.4	86.7	57.4	35.1	20.6	12.3	6.2
10°	389.9	312.8	241.4	184.6	139.0	92.9	62.0	38.3	22.6	13.7	6.7
7.5°	405.5	329.7	257.1	195.8	148.6	98.6	66.9	41.7	24.5	15.0	7.3
5°	417.2	342.8	269.2	203.9	156.2	103.9	71.4	44.8	26.4	16.3	7.8
2.5°	424.9	352.5	278.2	210.2	162.5	108.3	75.4	47.7	28.0	17.4	8.3
0°	429.4	359.4	285.0	215.1	167.2	111.9	78.8	50.1	29.5	18.4	8.8
-2.5°	433.4	363.9	290.9	223.6	170.5	117.8	81.0	52.3	31.8	19.1	9.7
-5°	434.8	365.9	294.8	230.1	172.4	122.6	82.5	54.1	33.8	19.7	10.5
-7.5°	432.5	364.7	296.2	233.8	173.3	126.0	83.4	55.5	35.5	20.2	11.3
-10°	427.5	360.8	294.4	232.7	174.6	127.1	83.9	56.5	36.7	20.5	11.8
-12.5°	420.1	354.8	290.6	230.2	174.4	126.4	85.3	57.3	37.3	20.7	12.3
-15°	410.5	347.1	284.6	226.5	172.3	124.9	85.6	57.6	37.2	21.2	12.6
-17.5°	399.1	337.6	276.7	221.9	168.2	122.6	84.8	57.2	36.8	21.8	12.8
-20°	387.7	327.1	267.3	216.4	162.0	119.6	82.9	56.2	36.2	22.2	13.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626590 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	374.3	315.0	259.2	208.7	155.4	116.0	79.6	54.4	35.2	22.4	13.2
-25°	358.9	300.9	249.4	198.2	150.1	112.0	76.3	51.9	33.9	22.4	13.2
-27.5°	341.5	285.8	237.9	186.6	144.7	106.3	73.1	50.0	32.9	22.0	13.0
-30°	322.1	271.7	224.1	175.6	138.0	100.2	69.0	47.9	32.4	21.6	12.7
-32.5°	301.3	255.7	209.3	167.1	130.4	93.8	65.4	45.5	31.6	21.1	12.7
-35°	281.7	238.3	194.2	157.3	122.3	90.1	62.9	42.9	30.5	20.4	12.7
-37.5°	260.7	220.1	182.3	147.1	113.8	85.8	60.9	41.7	29.0	19.5	12.7
-40°	240.5	202.9	168.4	137.4	107.6	80.9	57.8	40.4	27.6	18.3	12.5
-42.5°	220.1	186.6	155.2	126.9	101.7	76.2	53.8	38.4	26.5	17.6	12.2
-45°	201.3	169.9	141.1	117.7	95.1	70.2	50.8	35.9	25.1	17.2	11.9
-47.5°	181.5	152.8	128.3	107.6	86.5	63.6	46.9	33.9	23.4	16.5	11.8
-50°	161.2	136.7	116.3	96.5	76.0	58.1	42.7	31.6	22.8	16.0	11.5
-52.5°	143.3	122.5	103.9	85.1	68.0	51.8	39.6	29.1	21.9	15.6	11.1
-55°	128.0	108.9	91.8	75.8	60.5	47.1	36.0	27.8	20.9	15.1	10.5
-57.5°	114.4	96.4	81.8	67.5	54.2	42.6	33.5	26.4	19.9	14.4	10.1
-60°	101.1	86.4	72.8	60.0	48.3	38.7	31.5	24.7	18.6	13.5	9.6
-62.5°	88.9	76.0	64.1	52.6	43.0	35.5	29.3	22.8	17.2	12.4	9.0
-65°	76.1	65.1	55.1	46.0	38.2	31.7	26.3	20.6	15.2	11.0	8.1
-67.5°	62.8	54.7	46.9	39.3	33.0	27.5	23.0	17.7	13.0	9.5	7.1
-70°	52.3	45.2	38.5	32.6	27.4	23.0	18.8	14.3	10.5	8.1	6.1
-72.5°	41.6	35.8	30.4	25.7	22.0	18.2	14.4	11.0	8.7	6.7	5.0
-75°	30.8	26.9	23.3	20.1	16.7	13.5	11.0	8.7	6.8	5.2	4.2
-77.5°	22.4	19.5	16.9	14.8	12.5	10.4	8.3	6.4	5.2	4.3	3.5
-80°	15.2	13.7	12.3	10.8	8.9	7.2	6.0	4.9	4.2	3.5	2.8
-82.5°	9.6	8.8	8.0	7.3	6.2	5.3	4.4	3.7	3.1	2.6	2.3
-85°	5.7	5.3	4.8	4.4	3.8	3.3	3.0	2.8	2.6	2.3	2.1
-87.5°	3.2	3.2	3.1	3.1	2.9	2.7	2.6	2.5	2.3	2.1	1.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626590 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	1.5	1.3	1.1	0.9	0.7	0.7	0.7
87.5°	0.5	0.6	0.6	0.7	0.7	0.7	0.7
85°	0.3	0.5	0.6	0.7	0.7	0.7	0.7
82.5°	0.2	0.4	0.5	0.6	0.7	0.7	0.7
80°	0.0	0.3	0.5	0.6	0.7	0.7	0.7
77.5°	0.2	0.2	0.4	0.6	0.7	0.7	0.7
75°	0.4	0.3	0.4	0.6	0.7	0.7	0.7
72.5°	0.6	0.5	0.4	0.6	0.7	0.7	0.7
70°	0.7	0.6	0.5	0.6	0.7	0.7	0.7
67.5°	0.7	0.7	0.6	0.6	0.7	0.7	0.7
65°	0.8	0.7	0.6	0.6	0.7	0.7	0.7
62.5°	0.8	0.8	0.7	0.6	0.7	0.7	0.7
60°	0.9	0.9	0.7	0.6	0.7	0.7	0.7
57.5°	1.0	0.9	0.8	0.7	0.7	0.7	0.7
55°	1.2	1.0	0.9	0.7	0.7	0.7	0.7
52.5°	1.4	1.1	0.9	0.7	0.7	0.7	0.7
50°	1.6	1.3	1.0	0.7	0.8	0.7	0.7
47.5°	1.8	1.4	1.1	0.7	0.8	0.7	0.7
45°	2.0	1.6	1.2	0.8	0.8	0.7	0.7
42.5°	2.1	1.7	1.3	0.9	0.8	0.7	0.7
40°	2.3	1.8	1.4	1.0	0.9	0.7	0.7
37.5°	2.4	2.0	1.5	1.1	0.9	0.7	0.7
35°	2.6	2.1	1.6	1.2	0.9	0.7	0.7
32.5°	2.7	2.2	1.7	1.3	1.0	0.7	0.7
30°	2.9	2.3	1.8	1.4	1.0	0.7	0.7
27.5°	3.2	2.4	1.9	1.5	1.0	0.7	0.7
25°	3.4	2.5	2.0	1.5	1.1	0.7	0.7
22.5°	3.6	2.7	2.1	1.6	1.1	0.7	0.7
20°	3.8	2.8	2.2	1.7	1.2	0.7	0.7
17.5°	4.0	2.9	2.3	1.8	1.2	0.7	0.7
15°	4.3	3.0	2.4	1.9	1.3	0.7	0.7
12.5°	4.5	3.2	2.5	1.9	1.3	0.7	0.7
10°	4.6	3.3	2.6	2.0	1.3	0.7	0.7
7.5°	4.8	3.4	2.7	2.0	1.4	0.7	0.7
5°	5.0	3.5	2.8	2.1	1.4	0.7	0.7
2.5°	5.1	3.6	2.8	2.2	1.5	0.7	0.7
0°	5.2	3.7	2.9	2.2	1.5	0.7	0.7
-2.5°	5.5	3.8	3.0	2.2	1.5	0.7	0.7
-5°	5.7	3.8	3.0	2.2	1.5	0.7	0.7
-7.5°	6.0	3.9	3.1	2.2	1.5	0.7	0.7
-10°	6.2	4.0	3.1	2.2	1.5	0.7	0.7
-12.5°	6.3	4.0	3.1	2.1	1.5	0.7	0.7
-15°	6.4	4.0	3.2	2.1	1.4	0.7	0.7
-17.5°	6.4	4.1	3.2	2.1	1.4	0.7	0.7
-20°	6.6	4.1	3.1	2.1	1.4	0.7	0.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626590 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	7.0	4.1	3.1	2.0	1.4	0.7	0.7
-25°	7.3	4.4	3.1	2.0	1.3	0.7	0.7
-27.5°	7.6	4.7	3.0	2.0	1.3	0.7	0.7
-30°	7.8	5.0	2.9	1.9	1.3	0.7	0.7
-32.5°	7.8	5.3	3.0	1.9	1.2	0.7	0.7
-35°	8.1	5.5	3.1	1.8	1.2	0.7	0.7
-37.5°	8.3	5.6	3.1	1.8	1.2	0.7	0.7
-40°	8.4	5.6	3.2	1.7	1.1	0.7	0.7
-42.5°	8.5	5.6	3.2	1.7	1.1	0.7	0.7
-45°	8.4	5.6	3.2	1.7	1.0	0.7	0.7
-47.5°	8.3	5.5	3.2	1.7	1.0	0.7	0.7
-50°	8.1	5.4	3.1	1.7	0.9	0.7	0.7
-52.5°	7.9	5.2	3.0	1.6	0.9	0.7	0.7
-55°	7.6	5.0	2.9	1.6	0.8	0.7	0.7
-57.5°	7.3	4.7	2.7	1.5	0.8	0.7	0.7
-60°	6.9	4.4	2.6	1.4	0.7	0.7	0.7
-62.5°	6.3	4.0	2.4	1.3	0.7	0.7	0.7
-65°	5.7	3.6	2.2	1.2	0.7	0.7	0.7
-67.5°	5.0	3.2	2.1	1.1	0.7	0.7	0.7
-70°	4.3	2.9	1.9	1.0	0.7	0.7	0.7
-72.5°	3.8	2.6	1.7	1.0	0.7	0.7	0.7
-75°	3.3	2.3	1.4	1.0	0.7	0.7	0.7
-77.5°	2.8	1.9	1.4	1.0	0.7	0.7	0.7
-80°	2.2	1.7	1.3	1.0	0.7	0.7	0.7
-82.5°	2.0	1.6	1.3	1.0	0.7	0.7	0.7
-85°	1.9	1.5	1.2	0.9	0.7	0.7	0.7
-87.5°	1.7	1.4	1.2	0.9	0.7	0.7	0.7
-90°	0.7	0.7	0.7	0.7	0.7	0.7	0.7

(END OF REPORT)