

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: P626760 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-750-U-VWR-VSR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626760 (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-SA1D-750-U-VWR-VSR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR  
Light Source: (16) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

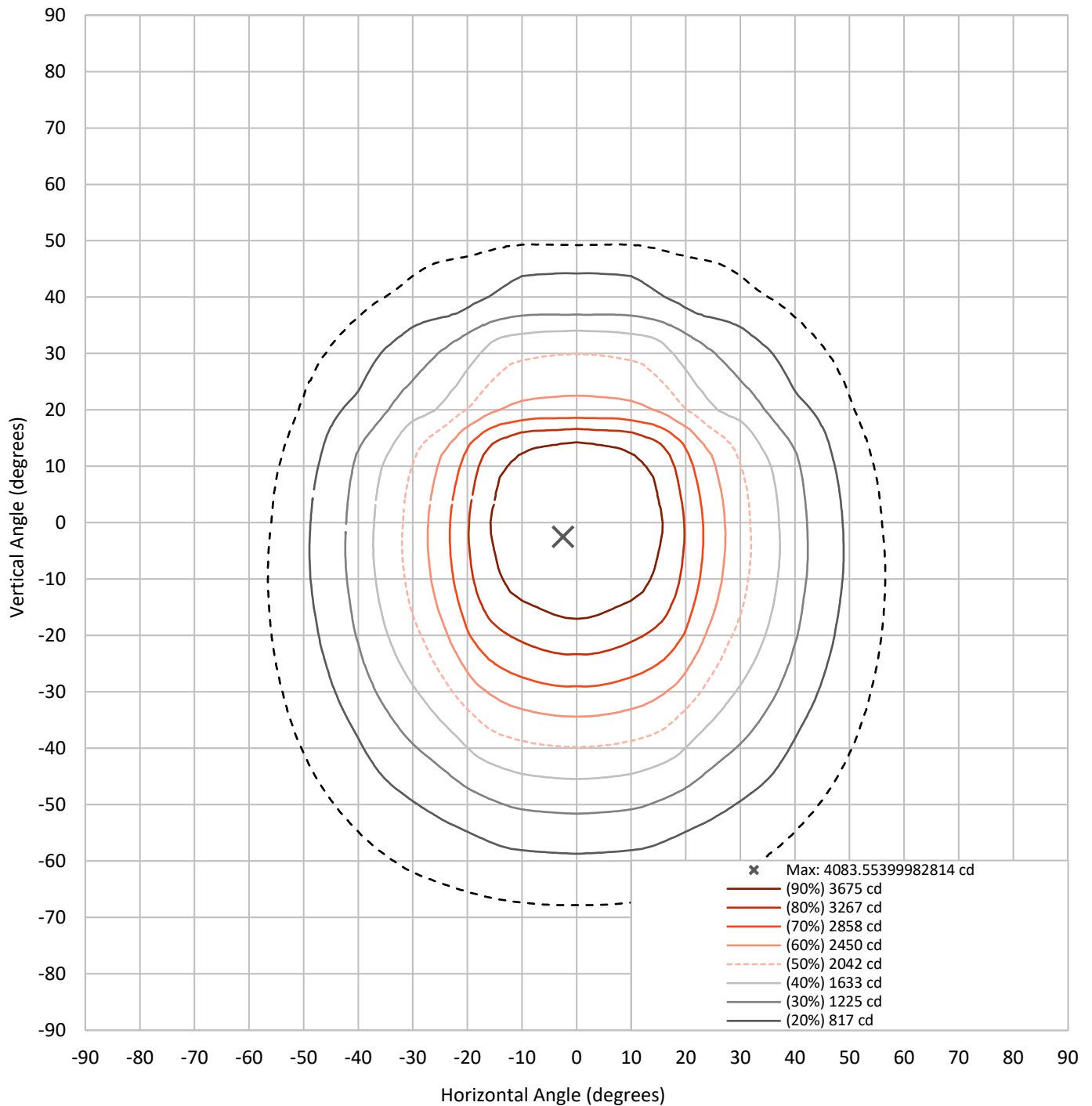
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	5449.7 lumens	Max Intensity:	4083.6 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	95.1 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:	3153 lumens	Field Lumens:	5171.4 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
Input Watts (W):	57.3		
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: P626760 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1D-750-U-VWR-VSR-XX

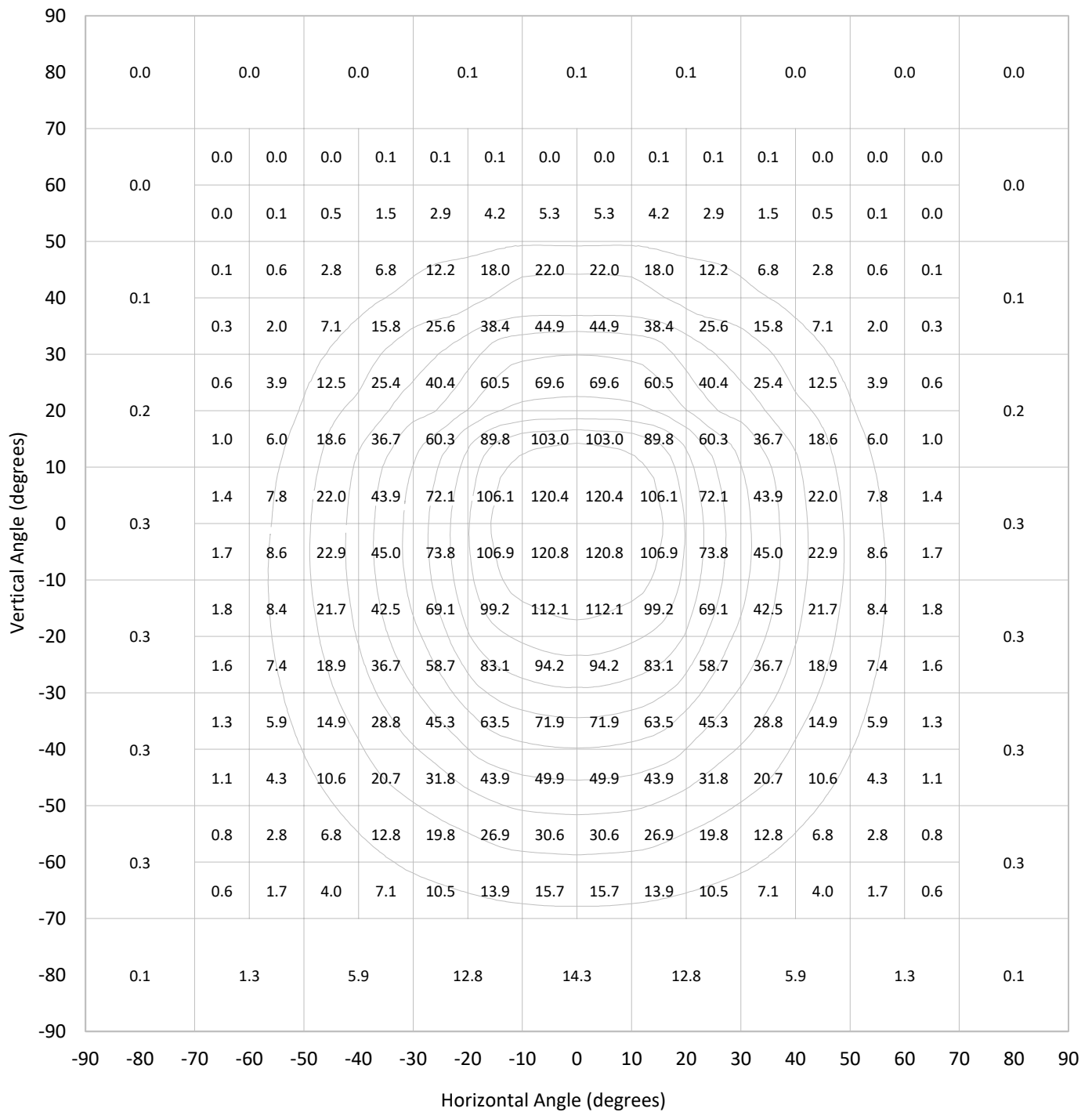
### Iso-Candela Plot





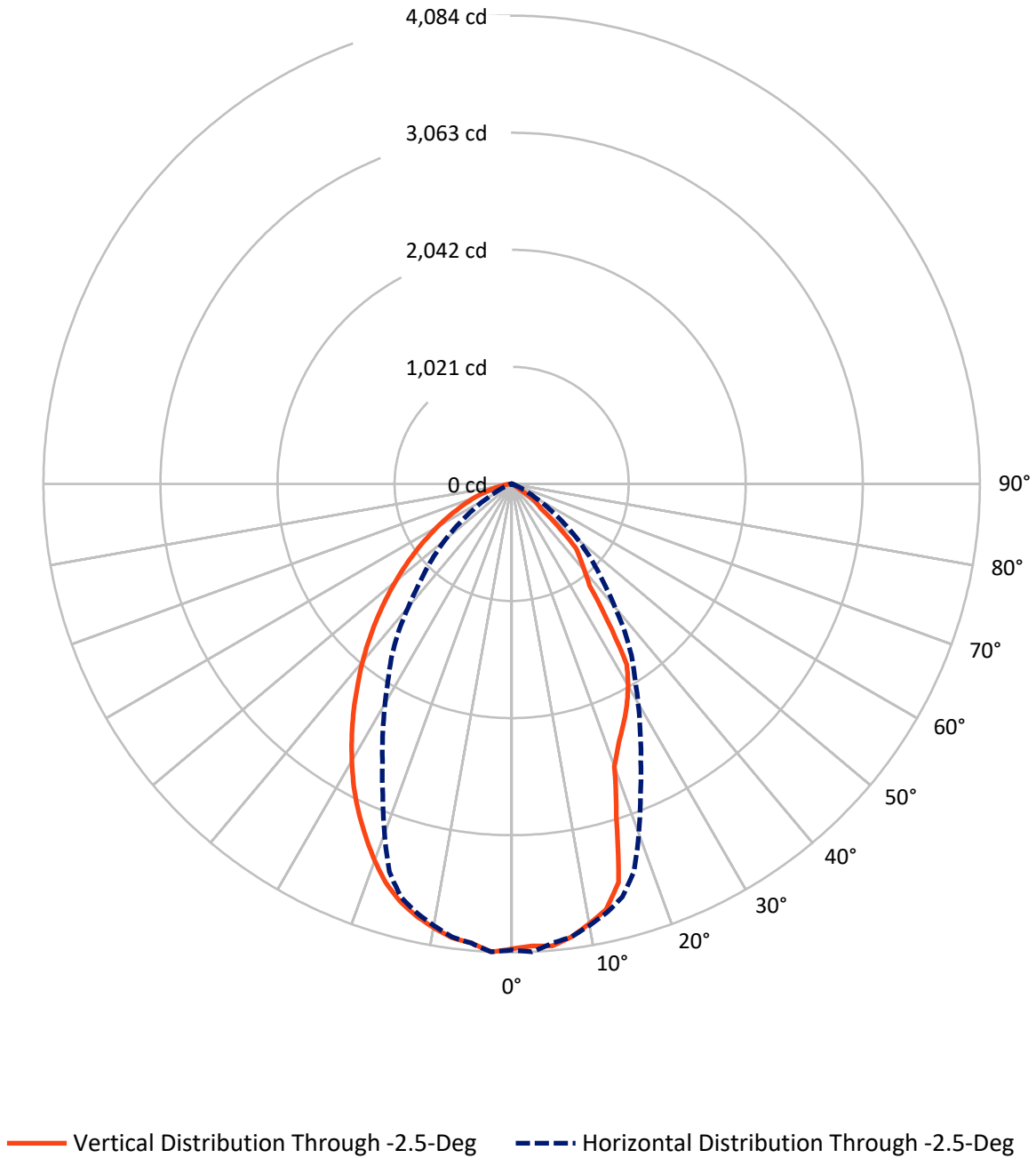
REPORT NUMBER: P626760 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-750-U-VWR-VSR-XX

### Lumen Table



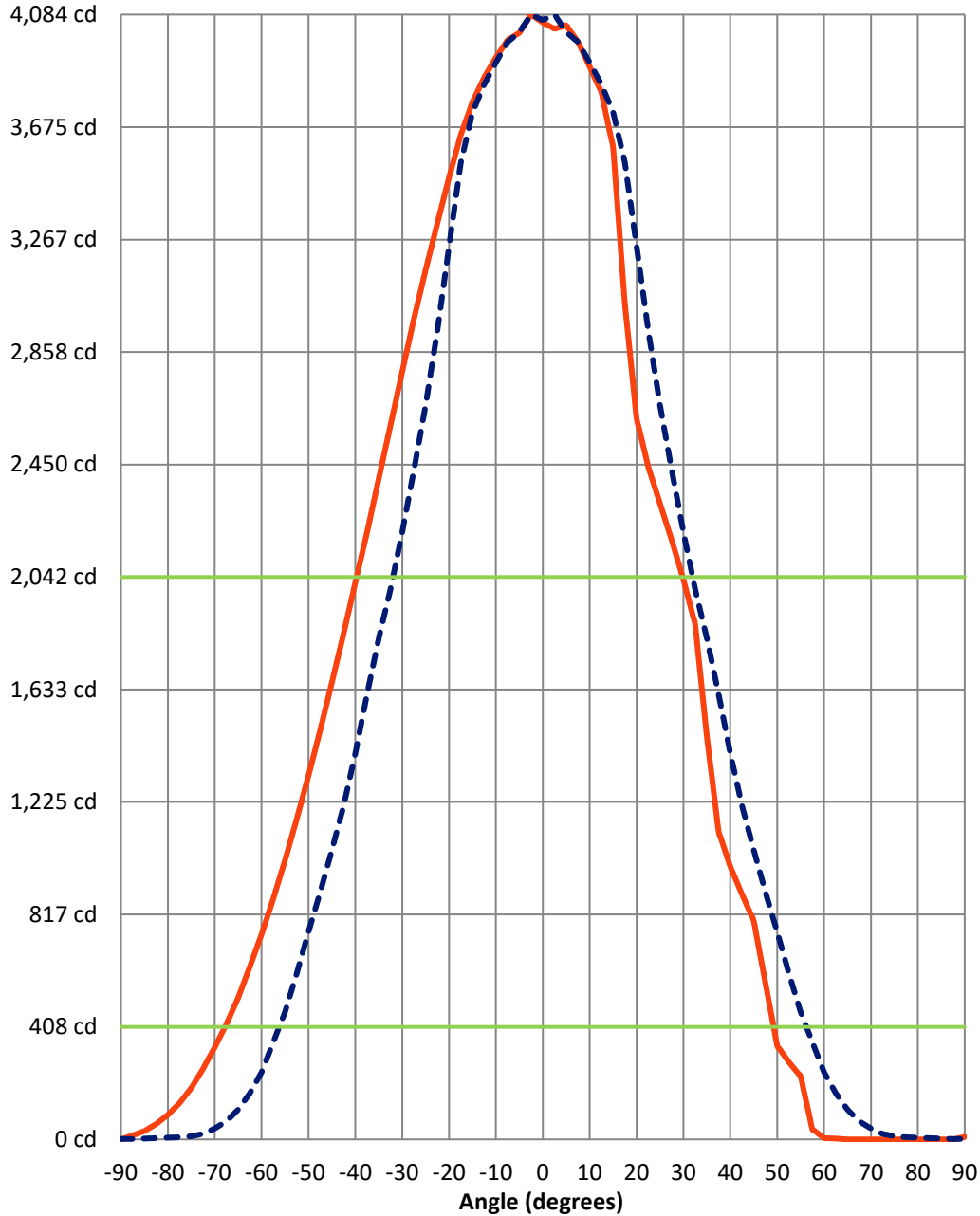
REPORT NUMBER: P626760 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA1D-750-U-VWR-VSR-XX

### Luminous Intensity Polar Plot



REPORT NUMBER: P626760 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-750-U-VWR-VSR-XX

### Luminous Intensity Plot



**Beam:**  
 H Angle: 63.9°  
 V Angle: 69.6°  
 Lumens: 3153  
 Efficiency: 57.9%

**Field:**  
 H Angle: 112.5°  
 V Angle: 117.1°  
 Lumens: 5171.4  
 Efficiency: 94.9%

**Spill:**  
 Lumens: 278.3  
 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: P626760 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-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°	1.5	1.5	1.5	1.9	2.3	2.6	3.0	3.4	3.8	4.2	4.6
87.5°	1.5	1.5	1.5	1.5	1.4	1.3	1.1	0.8	0.5	0.2	0.0
85°	1.5	1.5	1.5	1.4	1.2	1.0	0.7	0.5	0.2	0.1	0.0
82.5°	1.5	1.5	1.5	1.4	1.1	0.8	0.4	0.1	0.0	0.2	0.4
80°	1.5	1.5	1.5	1.3	1.0	0.6	0.1	0.3	0.5	0.8	1.0
77.5°	1.5	1.5	1.5	1.3	0.9	0.5	0.5	0.7	1.0	1.4	1.4
75°	1.5	1.5	1.5	1.2	0.8	0.7	0.8	1.2	1.5	1.2	0.8
72.5°	1.5	1.5	1.5	1.2	1.0	1.0	1.2	1.5	1.3	0.9	0.3
70°	1.5	1.5	1.5	1.2	1.1	1.2	1.5	1.4	1.1	0.6	0.7
67.5°	1.5	1.5	1.5	1.3	1.2	1.4	1.5	1.4	1.0	1.2	1.3
65°	1.5	1.5	1.5	1.3	1.3	1.6	1.6	1.4	1.5	1.7	1.9
62.5°	1.5	1.5	1.5	1.3	1.4	1.7	1.7	1.7	2.0	2.3	2.1
60°	1.5	1.5	1.5	1.4	1.5	1.8	1.8	2.1	2.5	2.6	2.4
57.5°	1.5	1.5	1.5	1.4	1.6	1.9	2.1	2.6	3.0	3.0	3.0
55°	1.5	1.5	1.5	1.5	1.8	2.1	2.5	3.0	3.5	3.5	3.7
52.5°	1.5	1.5	1.6	1.5	2.0	2.3	2.9	3.5	4.0	4.2	4.4
50°	1.5	1.5	1.6	1.5	2.1	2.6	3.3	4.0	4.5	4.8	5.1
47.5°	1.5	1.5	1.6	1.5	2.3	2.9	3.7	4.4	5.1	5.5	5.8
45°	1.5	1.5	1.7	1.7	2.5	3.2	4.0	4.8	5.6	6.1	6.6
42.5°	1.5	1.5	1.7	1.8	2.7	3.5	4.4	5.3	6.2	6.7	8.0
40°	1.5	1.5	1.8	2.0	2.9	3.8	4.7	5.8	6.8	7.4	9.5
37.5°	1.5	1.5	1.8	2.2	3.1	4.1	5.1	6.3	7.4	8.4	11.1
35°	1.5	1.5	1.9	2.4	3.3	4.4	5.4	6.9	8.1	10.3	14.1
32.5°	1.5	1.5	2.0	2.6	3.5	4.6	5.7	7.4	8.8	12.6	20.1
30°	1.5	1.5	2.0	2.8	3.7	4.9	6.2	8.0	9.5	15.1	26.0
27.5°	1.5	1.5	2.1	3.0	4.0	5.1	6.6	8.6	10.8	18.0	31.7
25°	1.5	1.5	2.2	3.1	4.2	5.3	7.1	9.2	13.0	22.2	37.2
22.5°	1.5	1.5	2.3	3.3	4.5	5.6	7.5	9.8	15.3	26.7	44.6
20°	1.5	1.5	2.4	3.5	4.7	5.8	7.9	10.4	17.7	31.1	51.8
17.5°	1.5	1.5	2.5	3.7	4.9	6.1	8.4	11.0	20.2	35.2	59.0
15°	1.5	1.5	2.5	3.8	5.1	6.4	8.8	11.8	22.6	39.1	65.9
12.5°	1.5	1.5	2.6	4.0	5.3	6.6	9.2	12.8	25.4	42.6	72.6
10°	1.5	1.5	2.7	4.1	5.5	6.8	9.6	14.0	28.3	46.8	79.3
7.5°	1.5	1.5	2.8	4.2	5.7	7.0	9.9	15.1	31.0	50.8	86.3
5°	1.5	1.5	2.9	4.4	5.8	7.2	10.2	16.2	33.6	54.6	92.8
2.5°	1.5	1.5	2.9	4.5	6.0	7.4	10.5	17.3	36.0	58.0	98.6
0°	1.5	1.5	3.0	4.6	6.1	7.6	10.7	18.3	38.1	61.0	103.7
-2.5°	1.5	1.5	3.0	4.6	6.1	7.6	10.7	18.3	38.1	61.0	103.7
-5°	1.5	1.5	3.0	4.6	6.3	7.9	11.8	21.9	40.8	70.0	111.9
-7.5°	1.5	1.5	3.0	4.6	6.4	8.0	12.3	23.4	41.8	73.5	114.8
-10°	1.5	1.5	3.0	4.5	6.5	8.1	12.7	24.6	42.5	76.0	117.0
-12.5°	1.5	1.5	2.9	4.5	6.5	8.2	12.9	25.5	43.0	77.3	118.6
-15°	1.5	1.5	2.9	4.4	6.6	8.3	13.1	26.0	43.9	77.1	119.2
-17.5°	1.5	1.5	2.9	4.4	6.6	8.4	13.2	26.6	45.2	76.4	118.5
-20°	1.5	1.5	2.8	4.3	6.5	8.4	13.5	27.1	46.1	75.0	116.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626760 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-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°	1.5	1.5	2.8	4.2	6.4	8.5	14.4	27.4	46.4	73.0	112.6
-25°	1.5	1.5	2.7	4.1	6.3	9.0	15.1	27.3	46.3	70.4	107.3
-27.5°	1.5	1.5	2.7	4.1	6.2	9.8	15.7	26.9	45.6	68.2	103.5
-30°	1.5	1.5	2.6	4.0	6.0	10.4	16.1	26.1	44.8	67.2	99.2
-32.5°	1.5	1.5	2.5	3.8	6.3	10.9	16.3	26.2	43.7	65.5	94.3
-35°	1.5	1.5	2.5	3.7	6.4	11.3	16.7	26.3	42.2	63.1	88.9
-37.5°	1.5	1.5	2.4	3.6	6.5	11.5	17.2	26.2	40.2	60.1	86.4
-40°	1.5	1.5	2.3	3.5	6.6	11.6	17.4	25.9	37.9	57.1	83.7
-42.5°	1.5	1.5	2.2	3.4	6.6	11.6	17.5	25.3	36.5	54.8	79.6
-45°	1.5	1.5	2.1	3.4	6.7	11.6	17.5	24.8	35.5	51.9	74.4
-47.5°	1.5	1.5	2.0	3.4	6.6	11.4	17.2	24.4	34.3	48.4	70.2
-50°	1.5	1.5	1.9	3.3	6.5	11.1	16.8	23.8	33.2	47.1	65.3
-52.5°	1.5	1.5	1.8	3.3	6.3	10.8	16.4	23.0	32.4	45.4	60.1
-55°	1.5	1.5	1.7	3.2	6.0	10.3	15.8	21.9	31.3	43.4	57.6
-57.5°	1.5	1.5	1.6	3.1	5.6	9.8	15.1	21.0	29.8	41.2	54.6
-60°	1.5	1.5	1.5	2.9	5.2	9.1	14.3	20.0	28.0	38.6	51.2
-62.5°	1.5	1.5	1.5	2.8	4.9	8.3	13.1	18.6	25.7	35.6	47.2
-65°	1.5	1.5	1.5	2.6	4.6	7.4	11.8	16.9	22.9	31.6	42.7
-67.5°	1.5	1.5	1.5	2.4	4.3	6.7	10.4	14.8	19.6	26.9	36.7
-70°	1.5	1.5	1.5	2.2	3.9	6.1	8.8	12.6	16.8	21.7	29.6
-72.5°	1.5	1.5	1.5	2.1	3.5	5.4	7.8	10.3	13.8	18.0	22.7
-75°	1.5	1.5	1.5	2.1	3.0	4.7	6.8	8.7	10.8	14.2	18.0
-77.5°	1.5	1.5	1.5	2.1	2.9	4.0	5.7	7.3	8.9	10.7	13.2
-80°	1.5	1.5	1.5	2.1	2.8	3.6	4.7	5.9	7.2	8.6	10.2
-82.5°	1.5	1.5	1.5	2.0	2.6	3.4	4.2	4.8	5.5	6.5	7.7
-85°	1.5	1.5	1.5	2.0	2.5	3.1	3.8	4.3	4.8	5.4	5.9
-87.5°	1.5	1.5	1.5	1.9	2.4	2.9	3.4	3.9	4.3	4.8	5.2
-90°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.1	0.7	0.4	0.0





REPORT NUMBER: P626760 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-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°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	5.0	5.4	5.7
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°	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	1.0	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.9	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.3	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.2	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.9	0.9	0.6	0.2	0.0	0.1	0.2	0.2	0.0	0.1	0.2
67.5°	1.4	1.0	0.7	0.4	0.6	0.8	0.7	0.8	0.8	0.9	0.8
65°	1.5	1.1	1.1	1.3	1.5	1.6	1.7	1.9	1.6	1.4	1.4
62.5°	1.6	1.7	1.9	2.2	2.4	2.6	2.6	2.4	1.8	2.2	2.6
60°	2.2	2.5	2.8	3.1	3.4	3.6	3.4	3.5	3.9	4.5	8.6
57.5°	3.0	3.2	3.6	4.1	4.5	4.6	4.8	5.2	12.1	19.7	21.8
55°	3.8	4.0	4.7	5.4	5.9	5.8	8.4	17.6	26.6	36.8	40.6
52.5°	4.6	5.0	6.1	7.0	7.5	11.8	21.2	33.7	47.0	58.8	74.0
50°	5.4	6.5	7.6	9.0	14.3	25.3	39.1	56.3	76.2	95.0	114.3
47.5°	6.8	8.2	9.9	14.2	28.3	43.5	62.6	90.2	114.8	137.6	164.0
45°	8.4	11.3	13.2	28.1	44.5	64.1	96.4	130.2	152.5	183.0	229.7
42.5°	10.0	15.6	25.2	42.4	62.4	94.1	134.1	162.9	192.6	242.0	291.1
40°	14.5	20.9	38.0	58.5	83.8	130.0	171.1	203.7	244.3	299.0	350.4
37.5°	19.8	31.9	51.1	75.6	117.4	168.0	212.1	258.6	305.3	356.9	452.1
35°	25.8	42.2	67.6	100.8	151.0	210.2	262.7	314.7	368.5	470.1	564.6
32.5°	33.5	51.6	84.9	130.0	187.3	252.3	313.2	373.3	459.6	574.7	669.4
30°	41.9	66.7	104.8	157.1	221.5	290.9	364.1	436.9	551.1	646.3	749.1
27.5°	50.6	82.6	128.2	185.4	253.5	327.3	409.9	513.7	615.6	709.6	822.7
25°	59.5	99.3	149.6	212.4	285.0	366.7	461.7	588.1	667.8	771.7	889.6
22.5°	71.0	115.2	170.7	236.9	314.2	407.1	528.3	655.2	749.0	836.4	951.6
20°	84.3	133.1	193.7	267.5	342.8	446.6	594.5	728.0	838.3	938.4	1044.2
17.5°	96.8	149.8	218.3	298.9	384.5	497.2	659.5	807.2	928.6	1040.2	1172.2
15°	108.3	165.3	242.4	328.6	425.4	555.1	717.7	880.0	1018.6	1144.1	1294.2
12.5°	118.8	179.4	265.6	356.3	463.9	605.1	766.6	925.0	1077.4	1240.9	1411.3
10°	128.3	192.2	287.6	382.0	499.6	647.4	807.1	962.6	1116.3	1289.4	1478.6
7.5°	138.4	204.1	307.5	405.3	532.1	682.3	839.3	992.7	1147.8	1328.1	1522.4
5°	147.8	215.0	323.3	421.9	557.2	709.5	863.6	1015.6	1171.6	1356.9	1555.6
2.5°	156.1	224.2	336.2	435.0	575.8	729.6	879.4	1034.7	1189.3	1380.4	1580.9
0°	163.1	231.7	346.0	445.1	589.9	743.9	888.7	1047.2	1199.7	1396.3	1597.5
-2.5°	167.6	243.9	352.7	462.6	602.2	753.3	897.0	1050.8	1210.8	1401.4	1616.2
-5°	170.7	253.8	356.8	476.2	610.2	757.5	899.8	1048.1	1213.8	1400.1	1619.0
-7.5°	172.6	260.8	358.7	483.8	613.1	755.0	895.1	1042.9	1208.9	1395.3	1606.9
-10°	173.6	263.0	361.3	481.5	609.4	746.8	884.8	1030.8	1195.1	1379.7	1583.9
-12.5°	176.5	261.6	360.9	476.4	601.3	734.4	869.5	1011.6	1172.1	1353.1	1552.1
-15°	177.2	258.5	356.5	468.8	589.1	718.3	849.5	985.3	1143.6	1327.2	1516.9
-17.5°	175.6	253.7	348.1	459.2	572.7	698.7	826.0	961.6	1117.0	1297.3	1480.0
-20°	171.5	247.6	335.4	447.9	553.2	677.0	802.3	936.8	1086.3	1255.8	1438.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626760 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-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°	164.8	240.1	321.6	432.0	536.4	652.0	774.7	902.9	1047.9	1202.1	1383.1
-25°	157.9	231.8	310.7	410.2	516.2	622.8	742.9	861.6	1002.8	1154.2	1314.9
-27.5°	151.4	220.0	299.4	386.3	492.4	591.6	706.9	822.7	952.1	1100.5	1248.4
-30°	142.8	207.4	285.6	363.3	463.9	562.3	666.8	780.8	897.2	1037.9	1183.5
-32.5°	135.3	194.2	269.9	345.8	433.3	529.3	623.6	732.2	845.8	965.8	1109.6
-35°	130.2	186.5	253.2	325.6	402.0	493.3	583.0	677.4	787.4	900.0	1026.3
-37.5°	126.2	177.5	235.7	304.6	377.3	455.6	539.6	626.5	722.5	836.0	954.7
-40°	119.7	167.4	222.7	284.5	348.7	419.9	497.8	576.4	659.7	770.6	887.7
-42.5°	111.5	157.7	210.5	262.7	321.3	386.3	455.6	529.6	609.6	706.0	813.6
-45°	105.2	145.3	196.9	243.6	292.1	351.6	416.7	483.7	559.1	641.9	738.6
-47.5°	97.1	131.7	179.1	222.7	265.5	316.3	375.8	439.2	506.0	580.6	659.9
-50°	88.5	120.4	157.3	199.8	240.6	282.8	333.5	392.2	452.9	517.8	588.5
-52.5°	81.9	107.2	140.9	176.3	215.1	253.4	296.6	346.9	401.1	455.3	517.5
-55°	74.5	97.4	125.2	156.9	190.0	225.4	264.8	308.9	353.0	402.9	452.5
-57.5°	69.3	88.0	112.1	139.7	169.4	199.5	236.7	273.9	314.8	356.1	397.3
-60°	65.2	79.9	99.9	124.2	150.7	178.9	209.3	243.7	278.9	312.6	348.2
-62.5°	60.6	73.4	89.0	108.8	132.8	157.3	184.1	213.5	245.4	273.7	301.3
-65°	54.5	65.7	79.1	95.2	114.0	134.7	157.6	182.4	209.9	232.9	255.5
-67.5°	47.6	57.0	68.2	81.4	97.1	113.3	130.1	151.0	173.4	192.1	210.5
-70°	38.9	47.6	56.8	67.5	79.8	93.5	108.3	123.5	138.8	154.1	170.9
-72.5°	29.8	37.7	45.5	53.2	62.9	74.2	86.2	99.0	112.4	125.5	138.2
-75°	22.7	27.8	34.6	41.5	48.3	55.7	63.8	74.0	86.4	99.1	110.8
-77.5°	17.1	21.4	26.0	30.7	35.0	40.4	46.3	52.6	62.9	74.6	86.5
-80°	12.4	15.0	18.6	22.4	25.4	28.3	31.4	34.7	42.3	51.7	61.8
-82.5°	9.2	10.9	12.9	15.2	16.7	18.2	19.8	21.9	27.6	34.0	40.7
-85°	6.3	6.8	7.9	9.1	10.0	10.9	11.7	12.6	15.7	19.1	22.8
-87.5°	5.5	5.7	6.0	6.3	6.4	6.5	6.6	6.7	7.7	8.8	9.9
-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: P626760 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	6.1	6.5	6.9	7.2	7.6	8.0	8.4	8.7	9.1	9.1	9.1
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°	0.7	0.8	0.8	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.6	1.5	1.1	0.7	0.4	0.6	0.9	1.1	1.1	1.0	0.8
62.5°	2.4	2.2	2.0	2.3	2.7	3.2	3.0	2.9	2.7	2.5	2.6
60°	9.0	6.0	6.9	8.7	8.2	5.6	9.2	10.4	8.8	6.0	5.8
57.5°	22.8	22.0	25.3	36.9	40.6	37.0	44.2	53.7	53.4	46.0	45.8
55°	48.7	65.3	85.4	88.7	102.6	130.7	152.5	142.9	142.8	150.0	173.2
52.5°	92.5	108.2	114.0	129.6	158.8	180.0	193.6	207.7	223.2	239.0	254.9
50°	135.7	150.9	168.2	184.2	224.6	246.4	242.8	272.0	309.4	332.7	344.7
47.5°	199.0	223.1	259.6	316.9	347.1	368.9	396.1	429.2	472.0	530.0	574.7
45°	273.6	311.4	368.0	428.9	475.7	497.0	528.1	579.3	647.6	714.0	762.6
42.5°	334.6	386.4	450.2	508.4	546.6	581.6	621.8	665.0	743.2	814.3	870.4
40°	414.1	454.5	526.1	581.0	615.1	649.9	713.6	778.2	851.8	917.9	963.9
37.5°	515.0	560.4	634.9	696.9	729.8	742.1	850.4	940.4	1000.2	1084.7	1112.3
35°	623.3	698.1	793.0	873.4	905.7	970.1	1081.7	1207.3	1343.4	1393.4	1436.1
32.5°	744.2	836.4	965.2	1051.5	1097.5	1195.3	1336.6	1470.6	1648.5	1745.1	1774.0
30°	854.7	960.6	1071.3	1155.1	1233.9	1351.7	1480.4	1645.7	1810.2	1933.7	1972.1
27.5°	935.8	1053.0	1159.4	1238.0	1326.8	1453.7	1614.3	1781.7	1943.2	2069.2	2114.0
25°	1013.3	1145.7	1229.9	1321.3	1425.6	1564.0	1741.9	1927.9	2087.0	2193.5	2248.4
22.5°	1101.4	1231.9	1322.4	1399.7	1536.2	1695.6	1860.8	2070.9	2239.4	2324.4	2383.9
20°	1192.3	1340.0	1479.7	1551.7	1669.7	1871.6	2056.5	2254.9	2417.6	2506.2	2568.9
17.5°	1319.2	1507.4	1678.8	1780.7	1907.1	2148.4	2379.1	2579.8	2806.3	2886.2	2962.9
15°	1452.9	1670.8	1871.6	2032.9	2196.2	2435.4	2732.4	2974.6	3232.9	3348.3	3478.7
12.5°	1586.3	1792.5	1974.3	2182.5	2412.7	2624.2	2907.0	3208.6	3443.0	3590.1	3677.9
10°	1686.0	1877.5	2052.5	2261.2	2490.9	2730.2	3011.1	3320.3	3565.7	3691.2	3762.9
7.5°	1739.8	1923.1	2107.7	2319.2	2547.8	2802.7	3092.2	3398.9	3649.8	3771.5	3842.3
5°	1779.8	1955.8	2146.9	2369.6	2600.8	2859.2	3148.3	3451.4	3680.1	3809.4	3898.9
2.5°	1804.0	1976.5	2171.9	2402.2	2633.9	2903.0	3206.1	3520.3	3720.4	3824.5	3906.7
0°	1811.0	1984.7	2185.9	2419.2	2657.0	2928.3	3228.6	3539.6	3742.3	3842.9	3926.8
-2.5°	1818.9	1997.8	2204.5	2430.2	2666.0	2936.6	3243.1	3546.2	3728.5	3830.1	3909.8
-5°	1813.4	1998.8	2204.9	2421.1	2658.4	2926.9	3221.1	3504.4	3695.2	3805.0	3884.3
-7.5°	1796.9	1985.0	2189.0	2396.8	2629.6	2901.1	3194.1	3466.9	3660.2	3775.9	3862.7
-10°	1773.1	1955.6	2161.0	2371.5	2601.5	2859.9	3148.4	3419.6	3604.6	3727.5	3828.6
-12.5°	1746.6	1925.4	2123.4	2325.2	2552.7	2807.9	3087.5	3344.2	3528.1	3662.1	3734.4
-15°	1707.4	1886.1	2075.3	2270.6	2492.3	2739.9	3006.9	3253.2	3433.8	3542.9	3622.8
-17.5°	1657.5	1832.9	2012.3	2197.5	2406.4	2650.2	2918.8	3161.7	3308.9	3406.3	3484.8
-20°	1604.0	1766.2	1936.2	2111.0	2313.4	2555.0	2818.8	3030.7	3169.4	3263.0	3337.2



REPORT NUMBER: P626760 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-750-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°	1543.0	1699.2	1854.8	2021.8	2220.4	2441.8	2674.9	2879.6	3028.8	3114.0	3182.5
-25°	1473.4	1625.3	1773.0	1934.4	2116.9	2315.9	2532.6	2733.8	2867.4	2957.9	3025.9
-27.5°	1398.4	1541.1	1685.4	1830.3	1994.4	2192.7	2393.4	2580.3	2694.3	2785.5	2853.9
-30°	1323.5	1451.9	1585.4	1722.5	1876.5	2055.3	2243.1	2400.3	2520.5	2609.2	2672.6
-32.5°	1242.4	1364.2	1482.5	1610.7	1755.6	1913.2	2077.9	2227.5	2356.0	2437.2	2490.7
-35°	1159.3	1277.2	1385.5	1501.8	1629.7	1765.6	1917.7	2065.2	2192.1	2256.4	2308.5
-37.5°	1072.7	1190.3	1292.9	1390.1	1500.3	1626.2	1774.3	1915.0	2024.6	2079.9	2126.9
-40°	997.4	1101.0	1193.3	1286.4	1375.9	1487.7	1626.0	1762.2	1850.2	1904.0	1947.6
-42.5°	924.3	1011.7	1087.3	1170.7	1260.3	1370.6	1482.1	1596.3	1667.0	1726.8	1772.7
-45°	839.2	917.3	988.2	1057.6	1139.3	1240.0	1341.3	1432.8	1499.0	1556.8	1601.5
-47.5°	745.1	820.4	889.4	951.4	1027.3	1111.3	1196.6	1272.7	1338.1	1395.2	1435.1
-50°	657.4	724.7	792.0	854.7	920.6	988.5	1057.7	1124.5	1186.5	1242.0	1276.0
-52.5°	578.8	640.9	699.7	754.6	812.2	869.6	926.9	988.1	1045.2	1097.6	1124.8
-55°	507.6	563.7	616.7	662.9	709.2	754.7	803.8	860.3	912.9	961.5	981.0
-57.5°	443.8	491.7	538.7	577.8	615.5	651.7	694.8	742.6	788.6	830.3	846.2
-60°	385.1	423.1	462.4	497.1	530.0	561.0	598.6	637.0	674.4	705.8	719.4
-62.5°	331.1	363.7	393.4	421.6	449.4	477.4	507.7	538.2	568.4	592.6	604.8
-65°	279.1	305.0	328.9	352.1	374.6	398.0	421.8	444.9	467.2	484.5	495.1
-67.5°	230.2	249.9	268.8	286.9	305.7	324.8	343.3	361.1	377.8	391.2	401.3
-70°	186.8	202.0	216.9	231.9	247.6	262.4	276.4	289.7	302.2	311.8	319.6
-72.5°	150.6	162.9	175.8	189.2	201.9	213.0	223.1	232.8	242.1	247.5	251.6
-75°	121.4	131.8	143.0	153.9	164.5	172.9	180.3	187.5	194.3	194.7	193.3
-77.5°	98.1	107.4	116.0	124.6	133.1	138.3	142.8	147.4	152.2	149.4	145.1
-80°	72.0	79.7	87.1	94.4	101.8	104.9	107.0	108.9	110.5	106.9	102.5
-82.5°	47.8	52.7	57.4	62.3	67.2	69.1	70.6	71.8	72.8	69.6	65.8
-85°	26.7	29.0	31.3	33.7	36.0	37.4	38.6	39.8	40.8	38.9	36.7
-87.5°	11.1	11.6	12.1	12.6	13.1	13.6	14.1	14.5	15.0	15.1	15.1
-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: P626760 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-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°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	8.7
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°	0.0	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°	0.4	0.1	0.0	0.0	0.0	0.1	0.4	0.8	1.0	1.1	1.1
62.5°	2.7	2.9	3.0	3.0	3.0	2.9	2.7	2.6	2.5	2.7	2.9
60°	5.4	4.7	4.6	4.6	4.6	4.7	5.4	5.8	6.0	8.8	10.4
57.5°	42.3	36.2	37.1	41.2	37.1	36.2	42.3	45.8	46.0	53.4	53.7
55°	197.5	220.5	228.6	224.1	228.6	220.5	197.5	173.2	150.0	142.8	142.9
52.5°	267.6	277.0	280.6	280.5	280.6	277.0	267.6	254.9	239.0	223.2	207.7
50°	348.3	345.1	340.2	335.4	340.2	345.1	348.3	344.7	332.7	309.4	272.0
47.5°	581.3	571.2	567.0	574.7	567.0	571.2	581.3	574.7	530.0	472.0	429.2
45°	772.5	784.3	793.1	792.7	793.1	784.3	772.5	762.6	714.0	647.6	579.3
42.5°	881.4	887.7	889.5	887.2	889.5	887.7	881.4	870.4	814.3	743.2	665.0
40°	978.4	985.9	990.1	993.9	990.1	985.9	978.4	963.9	917.9	851.8	778.2
37.5°	1121.4	1124.2	1118.2	1114.3	1118.2	1124.2	1121.4	1112.3	1084.7	1000.2	940.4
35°	1472.0	1479.2	1462.6	1480.2	1462.6	1479.2	1472.0	1436.1	1393.4	1343.4	1207.3
32.5°	1808.3	1842.0	1869.2	1891.7	1869.2	1842.0	1808.3	1774.0	1745.1	1648.5	1470.6
30°	1998.9	2020.6	2032.2	2035.0	2032.2	2020.6	1998.9	1972.1	1933.7	1810.2	1645.7
27.5°	2138.7	2161.5	2175.7	2185.9	2175.7	2161.5	2138.7	2114.0	2069.2	1943.2	1781.7
25°	2273.5	2294.3	2308.5	2314.0	2308.5	2294.3	2273.5	2248.4	2193.5	2087.0	1927.9
22.5°	2413.4	2427.8	2441.4	2448.1	2441.4	2427.8	2413.4	2383.9	2324.4	2239.4	2070.9
20°	2613.9	2606.0	2618.4	2614.3	2618.4	2606.0	2613.9	2568.9	2506.2	2417.6	2254.9
17.5°	3022.6	3026.8	3035.1	3048.7	3035.1	3026.8	3022.6	2962.9	2886.2	2806.3	2579.8
15°	3536.5	3546.8	3599.4	3646.3	3599.4	3546.8	3536.5	3478.7	3348.3	3232.9	2974.6
12.5°	3759.4	3795.2	3800.8	3814.0	3800.8	3795.2	3759.4	3677.9	3590.1	3443.0	3208.6
10°	3833.8	3895.8	3894.4	3910.0	3894.4	3895.8	3833.8	3762.9	3691.2	3565.7	3320.3
7.5°	3890.2	3956.8	3985.0	3996.9	3985.0	3956.8	3890.2	3842.3	3771.5	3649.8	3398.9
5°	3959.2	3995.8	4044.3	4030.4	4044.3	3995.8	3959.2	3898.9	3809.4	3680.1	3451.4
2.5°	3988.1	4045.4	4032.2	4045.7	4032.2	4045.4	3988.1	3906.7	3824.5	3720.4	3520.3
0°	4007.6	4048.7	4054.8	4068.5	4054.8	4048.7	4007.6	3926.8	3842.9	3742.3	3539.6
-2.5°	3983.9	4020.1	4083.6	4064.0	4083.6	4020.1	3983.9	3909.8	3830.1	3728.5	3546.2
-5°	3963.2	4052.3	4017.7	4060.9	4017.7	4052.3	3963.2	3884.3	3805.0	3695.2	3504.4
-7.5°	3952.5	3968.4	3991.4	4024.3	3991.4	3968.4	3952.5	3862.7	3775.9	3660.2	3466.9
-10°	3869.8	3886.1	3928.3	3951.2	3928.3	3886.1	3869.8	3828.6	3727.5	3604.6	3419.6
-12.5°	3780.1	3811.6	3856.0	3870.4	3856.0	3811.6	3780.1	3734.4	3662.1	3528.1	3344.2
-15°	3676.7	3723.6	3766.8	3775.9	3766.8	3723.6	3676.7	3622.8	3542.9	3433.8	3253.2
-17.5°	3545.2	3601.4	3646.9	3657.0	3646.9	3601.4	3545.2	3484.8	3406.3	3308.9	3161.7
-20°	3400.4	3454.2	3492.9	3504.5	3492.9	3454.2	3400.4	3337.2	3263.0	3169.4	3030.7



REPORT NUMBER: P626760 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-750-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°	3245.3	3293.8	3326.4	3321.6	3326.4	3293.8	3245.3	3182.5	3114.0	3028.8	2879.6
-25°	3080.7	3125.7	3156.8	3152.4	3156.8	3125.7	3080.7	3025.9	2957.9	2867.4	2733.8
-27.5°	2906.7	2949.3	2979.2	2980.1	2979.2	2949.3	2906.7	2853.9	2785.5	2694.3	2580.3
-30°	2723.8	2762.5	2786.8	2777.4	2786.8	2762.5	2723.8	2672.6	2609.2	2520.5	2400.3
-32.5°	2535.2	2570.2	2592.5	2599.1	2592.5	2570.2	2535.2	2490.7	2437.2	2356.0	2227.5
-35°	2349.1	2380.0	2399.2	2403.9	2399.2	2380.0	2349.1	2308.5	2256.4	2192.1	2065.2
-37.5°	2164.3	2190.8	2204.2	2198.1	2204.2	2190.8	2164.3	2126.9	2079.9	2024.6	1915.0
-40°	1981.5	2006.8	2022.2	2025.9	2022.2	2006.8	1981.5	1947.6	1904.0	1850.2	1762.2
-42.5°	1801.9	1823.0	1836.5	1843.0	1836.5	1823.0	1801.9	1772.7	1726.8	1667.0	1596.3
-45°	1627.7	1646.5	1659.1	1666.1	1659.1	1646.5	1627.7	1601.5	1556.8	1499.0	1432.8
-47.5°	1458.0	1474.5	1485.5	1490.8	1485.5	1474.5	1458.0	1435.1	1395.2	1338.1	1272.7
-50°	1295.8	1310.1	1320.3	1326.2	1320.3	1310.1	1295.8	1276.0	1242.0	1186.5	1124.5
-52.5°	1142.1	1154.5	1163.2	1167.7	1163.2	1154.5	1142.1	1124.8	1097.6	1045.2	988.1
-55°	995.2	1005.3	1013.4	1018.3	1013.4	1005.3	995.2	981.0	961.5	912.9	860.3
-57.5°	858.3	866.6	874.2	879.6	874.2	866.6	858.3	846.2	830.3	788.6	742.6
-60°	730.1	737.9	744.4	748.5	744.4	737.9	730.1	719.4	705.8	674.4	637.0
-62.5°	614.4	621.3	627.2	631.1	627.2	621.3	614.4	604.8	592.6	568.4	538.2
-65°	503.5	509.7	514.1	516.8	514.1	509.7	503.5	495.1	484.5	467.2	444.9
-67.5°	410.0	417.1	418.6	417.7	418.6	417.1	410.0	401.3	391.2	377.8	361.1
-70°	326.6	332.6	334.0	333.8	334.0	332.6	326.6	319.6	311.8	302.2	289.7
-72.5°	255.4	258.7	255.8	251.5	255.8	258.7	255.4	251.6	247.5	242.1	232.8
-75°	191.6	189.5	186.5	182.9	186.5	189.5	191.6	193.3	194.7	194.3	187.5
-77.5°	140.4	135.2	131.7	128.0	131.7	135.2	140.4	145.1	149.4	152.2	147.4
-80°	97.7	92.6	89.1	85.4	89.1	92.6	97.7	102.5	106.9	110.5	108.9
-82.5°	61.9	57.7	55.6	53.4	55.6	57.7	61.9	65.8	69.6	72.8	71.8
-85°	34.4	31.9	30.5	29.0	30.5	31.9	34.4	36.7	38.9	40.8	39.8
-87.5°	15.1	15.2	14.4	13.7	14.4	15.2	15.1	15.1	15.1	15.0	14.5
-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: P626760 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	8.4	8.0	7.6	7.2	6.9	6.5	6.1	5.7	5.4	5.0	4.6
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	0.2	0.1	0.0	0.2
67.5°	0.0	0.0	0.3	0.6	0.8	0.8	0.7	0.8	0.9	0.8	0.8
65°	0.9	0.6	0.4	0.7	1.1	1.5	1.6	1.4	1.4	1.6	1.9
62.5°	3.0	3.2	2.7	2.3	2.0	2.2	2.4	2.6	2.2	1.8	2.4
60°	9.2	5.6	8.2	8.7	6.9	6.0	9.0	8.6	4.5	3.9	3.5
57.5°	44.2	37.0	40.6	36.9	25.3	22.0	22.8	21.8	19.7	12.1	5.2
55°	152.5	130.7	102.6	88.7	85.4	65.3	48.7	40.6	36.8	26.6	17.6
52.5°	193.6	180.0	158.8	129.6	114.0	108.2	92.5	74.0	58.8	47.0	33.7
50°	242.8	246.4	224.6	184.2	168.2	150.9	135.7	114.3	95.0	76.2	56.3
47.5°	396.1	368.9	347.1	316.9	259.6	223.1	199.0	164.0	137.6	114.8	90.2
45°	528.1	497.0	475.7	428.9	368.0	311.4	273.6	229.7	183.0	152.5	130.2
42.5°	621.8	581.6	546.6	508.4	450.2	386.4	334.6	291.1	242.0	192.6	162.9
40°	713.6	649.9	615.1	581.0	526.1	454.5	414.1	350.4	299.0	244.3	203.7
37.5°	850.4	742.1	729.8	696.9	634.9	560.4	515.0	452.1	356.9	305.3	258.6
35°	1081.7	970.1	905.7	873.4	793.0	698.1	623.3	564.6	470.1	368.5	314.7
32.5°	1336.6	1195.3	1097.5	1051.5	965.2	836.4	744.2	669.4	574.7	459.6	373.3
30°	1480.4	1351.7	1233.9	1155.1	1071.3	960.6	854.7	749.1	646.3	551.1	436.9
27.5°	1614.3	1453.7	1326.8	1238.0	1159.4	1053.0	935.8	822.7	709.6	615.6	513.7
25°	1741.9	1564.0	1425.6	1321.3	1229.9	1145.7	1013.3	889.6	771.7	667.8	588.1
22.5°	1860.8	1695.6	1536.2	1399.7	1322.4	1231.9	1101.4	951.6	836.4	749.0	655.2
20°	2056.5	1871.6	1669.7	1551.7	1479.7	1340.0	1192.3	1044.2	938.4	838.3	728.0
17.5°	2379.1	2148.4	1907.1	1780.7	1678.8	1507.4	1319.2	1172.2	1040.2	928.6	807.2
15°	2732.4	2435.4	2196.2	2032.9	1871.6	1670.8	1452.9	1294.2	1144.1	1018.6	880.0
12.5°	2907.0	2624.2	2412.7	2182.5	1974.3	1792.5	1586.3	1411.3	1240.9	1077.4	925.0
10°	3011.1	2730.2	2490.9	2261.2	2052.5	1877.5	1686.0	1478.6	1289.4	1116.3	962.6
7.5°	3092.2	2802.7	2547.8	2319.2	2107.7	1923.1	1739.8	1522.4	1328.1	1147.8	992.7
5°	3148.3	2859.2	2600.8	2369.6	2146.9	1955.8	1779.8	1555.6	1356.9	1171.6	1015.6
2.5°	3206.1	2903.0	2633.9	2402.2	2171.9	1976.5	1804.0	1580.9	1380.4	1189.3	1034.7
0°	3228.6	2928.3	2657.0	2419.2	2185.9	1984.7	1811.0	1597.5	1396.3	1199.7	1047.2
-2.5°	3243.1	2936.6	2666.0	2430.2	2204.5	1997.8	1818.9	1616.2	1401.4	1210.8	1050.8
-5°	3221.1	2926.9	2658.4	2421.1	2204.9	1998.8	1813.4	1619.0	1400.1	1213.8	1048.1
-7.5°	3194.1	2901.1	2629.6	2396.8	2189.0	1985.0	1796.9	1606.9	1395.3	1208.9	1042.9
-10°	3148.4	2859.9	2601.5	2371.5	2161.0	1955.6	1773.1	1583.9	1379.7	1195.1	1030.8
-12.5°	3087.5	2807.9	2552.7	2325.2	2123.4	1925.4	1746.6	1552.1	1353.1	1172.1	1011.6
-15°	3006.9	2739.9	2492.3	2270.6	2075.3	1886.1	1707.4	1516.9	1327.2	1143.6	985.3
-17.5°	2918.8	2650.2	2406.4	2197.5	2012.3	1832.9	1657.5	1480.0	1297.3	1117.0	961.6
-20°	2818.8	2555.0	2313.4	2111.0	1936.2	1766.2	1604.0	1438.7	1255.8	1086.3	936.8



REPORT NUMBER: P626760 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-750-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°	2674.9	2441.8	2220.4	2021.8	1854.8	1699.2	1543.0	1383.1	1202.1	1047.9	902.9
-25°	2532.6	2315.9	2116.9	1934.4	1773.0	1625.3	1473.4	1314.9	1154.2	1002.8	861.6
-27.5°	2393.4	2192.7	1994.4	1830.3	1685.4	1541.1	1398.4	1248.4	1100.5	952.1	822.7
-30°	2243.1	2055.3	1876.5	1722.5	1585.4	1451.9	1323.5	1183.5	1037.9	897.2	780.8
-32.5°	2077.9	1913.2	1755.6	1610.7	1482.5	1364.2	1242.4	1109.6	965.8	845.8	732.2
-35°	1917.7	1765.6	1629.7	1501.8	1385.5	1277.2	1159.3	1026.3	900.0	787.4	677.4
-37.5°	1774.3	1626.2	1500.3	1390.1	1292.9	1190.3	1072.7	954.7	836.0	722.5	626.5
-40°	1626.0	1487.7	1375.9	1286.4	1193.3	1101.0	997.4	887.7	770.6	659.7	576.4
-42.5°	1482.1	1370.6	1260.3	1170.7	1087.3	1011.7	924.3	813.6	706.0	609.6	529.6
-45°	1341.3	1240.0	1139.3	1057.6	988.2	917.3	839.2	738.6	641.9	559.1	483.7
-47.5°	1196.6	1111.3	1027.3	951.4	889.4	820.4	745.1	659.9	580.6	506.0	439.2
-50°	1057.7	988.5	920.6	854.7	792.0	724.7	657.4	588.5	517.8	452.9	392.2
-52.5°	926.9	869.6	812.2	754.6	699.7	640.9	578.8	517.5	455.3	401.1	346.9
-55°	803.8	754.7	709.2	662.9	616.7	563.7	507.6	452.5	402.9	353.0	308.9
-57.5°	694.8	651.7	615.5	577.8	538.7	491.7	443.8	397.3	356.1	314.8	273.9
-60°	598.6	561.0	530.0	497.1	462.4	423.1	385.1	348.2	312.6	278.9	243.7
-62.5°	507.7	477.4	449.4	421.6	393.4	363.7	331.1	301.3	273.7	245.4	213.5
-65°	421.8	398.0	374.6	352.1	328.9	305.0	279.1	255.5	232.9	209.9	182.4
-67.5°	343.3	324.8	305.7	286.9	268.8	249.9	230.2	210.5	192.1	173.4	151.0
-70°	276.4	262.4	247.6	231.9	216.9	202.0	186.8	170.9	154.1	138.8	123.5
-72.5°	223.1	213.0	201.9	189.2	175.8	162.9	150.6	138.2	125.5	112.4	99.0
-75°	180.3	172.9	164.5	153.9	143.0	131.8	121.4	110.8	99.1	86.4	74.0
-77.5°	142.8	138.3	133.1	124.6	116.0	107.4	98.1	86.5	74.6	62.9	52.6
-80°	107.0	104.9	101.8	94.4	87.1	79.7	72.0	61.8	51.7	42.3	34.7
-82.5°	70.6	69.1	67.2	62.3	57.4	52.7	47.8	40.7	34.0	27.6	21.9
-85°	38.6	37.4	36.0	33.7	31.3	29.0	26.7	22.8	19.1	15.7	12.6
-87.5°	14.1	13.6	13.1	12.6	12.1	11.6	11.1	9.9	8.8	7.7	6.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P626760 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-750-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°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.2	3.8	3.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.5
82.5°	0.0	0.0	0.0	0.0	0.2	0.4	0.4	0.4	0.2	0.0	0.1
80°	0.0	0.0	0.0	0.0	0.4	0.8	1.0	1.0	0.8	0.5	0.3
77.5°	0.0	0.0	0.0	0.0	0.2	0.4	0.9	1.4	1.4	1.0	0.7
75°	0.0	0.0	0.0	0.1	0.1	0.0	0.3	0.8	1.2	1.5	1.2
72.5°	0.0	0.0	0.0	0.2	0.4	0.4	0.2	0.3	0.9	1.3	1.5
70°	0.2	0.1	0.0	0.2	0.6	0.9	0.9	0.7	0.6	1.1	1.4
67.5°	0.7	0.8	0.6	0.4	0.7	1.0	1.4	1.3	1.2	1.0	1.4
65°	1.7	1.6	1.5	1.3	1.1	1.1	1.5	1.9	1.7	1.5	1.4
62.5°	2.6	2.6	2.4	2.2	1.9	1.7	1.6	2.1	2.3	2.0	1.7
60°	3.4	3.6	3.4	3.1	2.8	2.5	2.2	2.4	2.6	2.5	2.1
57.5°	4.8	4.6	4.5	4.1	3.6	3.2	3.0	3.0	3.0	3.0	2.6
55°	8.4	5.8	5.9	5.4	4.7	4.0	3.8	3.7	3.5	3.5	3.0
52.5°	21.2	11.8	7.5	7.0	6.1	5.0	4.6	4.4	4.2	4.0	3.5
50°	39.1	25.3	14.3	9.0	7.6	6.5	5.4	5.1	4.8	4.5	4.0
47.5°	62.6	43.5	28.3	14.2	9.9	8.2	6.8	5.8	5.5	5.1	4.4
45°	96.4	64.1	44.5	28.1	13.2	11.3	8.4	6.6	6.1	5.6	4.8
42.5°	134.1	94.1	62.4	42.4	25.2	15.6	10.0	8.0	6.7	6.2	5.3
40°	171.1	130.0	83.8	58.5	38.0	20.9	14.5	9.5	7.4	6.8	5.8
37.5°	212.1	168.0	117.4	75.6	51.1	31.9	19.8	11.1	8.4	7.4	6.3
35°	262.7	210.2	151.0	100.8	67.6	42.2	25.8	14.1	10.3	8.1	6.9
32.5°	313.2	252.3	187.3	130.0	84.9	51.6	33.5	20.1	12.6	8.8	7.4
30°	364.1	290.9	221.5	157.1	104.8	66.7	41.9	26.0	15.1	9.5	8.0
27.5°	409.9	327.3	253.5	185.4	128.2	82.6	50.6	31.7	18.0	10.8	8.6
25°	461.7	366.7	285.0	212.4	149.6	99.3	59.5	37.2	22.2	13.0	9.2
22.5°	528.3	407.1	314.2	236.9	170.7	115.2	71.0	44.6	26.7	15.3	9.8
20°	594.5	446.6	342.8	267.5	193.7	133.1	84.3	51.8	31.1	17.7	10.4
17.5°	659.5	497.2	384.5	298.9	218.3	149.8	96.8	59.0	35.2	20.2	11.0
15°	717.7	555.1	425.4	328.6	242.4	165.3	108.3	65.9	39.1	22.6	11.8
12.5°	766.6	605.1	463.9	356.3	265.6	179.4	118.8	72.6	42.6	25.4	12.8
10°	807.1	647.4	499.6	382.0	287.6	192.2	128.3	79.3	46.8	28.3	14.0
7.5°	839.3	682.3	532.1	405.3	307.5	204.1	138.4	86.3	50.8	31.0	15.1
5°	863.6	709.5	557.2	421.9	323.3	215.0	147.8	92.8	54.6	33.6	16.2
2.5°	879.4	729.6	575.8	435.0	336.2	224.2	156.1	98.6	58.0	36.0	17.3
0°	888.7	743.9	589.9	445.1	346.0	231.7	163.1	103.7	61.0	38.1	18.3
-2.5°	897.0	753.3	602.2	462.6	352.7	243.9	167.6	108.2	65.8	39.6	20.2
-5°	899.8	757.5	610.2	476.2	356.8	253.8	170.7	111.9	70.0	40.8	21.9
-7.5°	895.1	755.0	613.1	483.8	358.7	260.8	172.6	114.8	73.5	41.8	23.4
-10°	884.8	746.8	609.4	481.5	361.3	263.0	173.6	117.0	76.0	42.5	24.6
-12.5°	869.5	734.4	601.3	476.4	360.9	261.6	176.5	118.6	77.3	43.0	25.5
-15°	849.5	718.3	589.1	468.8	356.5	258.5	177.2	119.2	77.1	43.9	26.0
-17.5°	826.0	698.7	572.7	459.2	348.1	253.7	175.6	118.5	76.4	45.2	26.6
-20°	802.3	677.0	553.2	447.9	335.4	247.6	171.5	116.3	75.0	46.1	27.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626760 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-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°	774.7	652.0	536.4	432.0	321.6	240.1	164.8	112.6	73.0	46.4	27.4
-25°	742.9	622.8	516.2	410.2	310.7	231.8	157.9	107.3	70.4	46.3	27.3
-27.5°	706.9	591.6	492.4	386.3	299.4	220.0	151.4	103.5	68.2	45.6	26.9
-30°	666.8	562.3	463.9	363.3	285.6	207.4	142.8	99.2	67.2	44.8	26.1
-32.5°	623.6	529.3	433.3	345.8	269.9	194.2	135.3	94.3	65.5	43.7	26.2
-35°	583.0	493.3	402.0	325.6	253.2	186.5	130.2	88.9	63.1	42.2	26.3
-37.5°	539.6	455.6	377.3	304.6	235.7	177.5	126.2	86.4	60.1	40.2	26.2
-40°	497.8	419.9	348.7	284.5	222.7	167.4	119.7	83.7	57.1	37.9	25.9
-42.5°	455.6	386.3	321.3	262.7	210.5	157.7	111.5	79.6	54.8	36.5	25.3
-45°	416.7	351.6	292.1	243.6	196.9	145.3	105.2	74.4	51.9	35.5	24.8
-47.5°	375.8	316.3	265.5	222.7	179.1	131.7	97.1	70.2	48.4	34.3	24.4
-50°	333.5	282.8	240.6	199.8	157.3	120.4	88.5	65.3	47.1	33.2	23.8
-52.5°	296.6	253.4	215.1	176.3	140.9	107.2	81.9	60.1	45.4	32.4	23.0
-55°	264.8	225.4	190.0	156.9	125.2	97.4	74.5	57.6	43.4	31.3	21.9
-57.5°	236.7	199.5	169.4	139.7	112.1	88.0	69.3	54.6	41.2	29.8	21.0
-60°	209.3	178.9	150.7	124.2	99.9	79.9	65.2	51.2	38.6	28.0	20.0
-62.5°	184.1	157.3	132.8	108.8	89.0	73.4	60.6	47.2	35.6	25.7	18.6
-65°	157.6	134.7	114.0	95.2	79.1	65.7	54.5	42.7	31.6	22.9	16.9
-67.5°	130.1	113.3	97.1	81.4	68.2	57.0	47.6	36.7	26.9	19.6	14.8
-70°	108.3	93.5	79.8	67.5	56.8	47.6	38.9	29.6	21.7	16.8	12.6
-72.5°	86.2	74.2	62.9	53.2	45.5	37.7	29.8	22.7	18.0	13.8	10.3
-75°	63.8	55.7	48.3	41.5	34.6	27.8	22.7	18.0	14.2	10.8	8.7
-77.5°	46.3	40.4	35.0	30.7	26.0	21.4	17.1	13.2	10.7	8.9	7.3
-80°	31.4	28.3	25.4	22.4	18.6	15.0	12.4	10.2	8.6	7.2	5.9
-82.5°	19.8	18.2	16.7	15.2	12.9	10.9	9.2	7.7	6.5	5.5	4.8
-85°	11.7	10.9	10.0	9.1	7.9	6.8	6.3	5.9	5.4	4.8	4.3
-87.5°	6.6	6.5	6.4	6.3	6.0	5.7	5.5	5.2	4.8	4.3	3.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7	1.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626760 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	3.0	2.6	2.3	1.9	1.5	1.5	1.5
87.5°	1.1	1.3	1.4	1.5	1.5	1.5	1.5
85°	0.7	1.0	1.2	1.4	1.5	1.5	1.5
82.5°	0.4	0.8	1.1	1.4	1.5	1.5	1.5
80°	0.1	0.6	1.0	1.3	1.5	1.5	1.5
77.5°	0.5	0.5	0.9	1.3	1.5	1.5	1.5
75°	0.8	0.7	0.8	1.2	1.5	1.5	1.5
72.5°	1.2	1.0	1.0	1.2	1.5	1.5	1.5
70°	1.5	1.2	1.1	1.2	1.5	1.5	1.5
67.5°	1.5	1.4	1.2	1.3	1.5	1.5	1.5
65°	1.6	1.6	1.3	1.3	1.5	1.5	1.5
62.5°	1.7	1.7	1.4	1.3	1.5	1.5	1.5
60°	1.8	1.8	1.5	1.4	1.5	1.5	1.5
57.5°	2.1	1.9	1.6	1.4	1.5	1.5	1.5
55°	2.5	2.1	1.8	1.5	1.5	1.5	1.5
52.5°	2.9	2.3	2.0	1.5	1.6	1.5	1.5
50°	3.3	2.6	2.1	1.5	1.6	1.5	1.5
47.5°	3.7	2.9	2.3	1.5	1.6	1.5	1.5
45°	4.0	3.2	2.5	1.7	1.7	1.5	1.5
42.5°	4.4	3.5	2.7	1.8	1.7	1.5	1.5
40°	4.7	3.8	2.9	2.0	1.8	1.5	1.5
37.5°	5.1	4.1	3.1	2.2	1.8	1.5	1.5
35°	5.4	4.4	3.3	2.4	1.9	1.5	1.5
32.5°	5.7	4.6	3.5	2.6	2.0	1.5	1.5
30°	6.2	4.9	3.7	2.8	2.0	1.5	1.5
27.5°	6.6	5.1	4.0	3.0	2.1	1.5	1.5
25°	7.1	5.3	4.2	3.1	2.2	1.5	1.5
22.5°	7.5	5.6	4.5	3.3	2.3	1.5	1.5
20°	7.9	5.8	4.7	3.5	2.4	1.5	1.5
17.5°	8.4	6.1	4.9	3.7	2.5	1.5	1.5
15°	8.8	6.4	5.1	3.8	2.5	1.5	1.5
12.5°	9.2	6.6	5.3	4.0	2.6	1.5	1.5
10°	9.6	6.8	5.5	4.1	2.7	1.5	1.5
7.5°	9.9	7.0	5.7	4.2	2.8	1.5	1.5
5°	10.2	7.2	5.8	4.4	2.9	1.5	1.5
2.5°	10.5	7.4	6.0	4.5	2.9	1.5	1.5
0°	10.7	7.6	6.1	4.6	3.0	1.5	1.5
-2.5°	11.3	7.8	6.2	4.6	3.0	1.5	1.5
-5°	11.8	7.9	6.3	4.6	3.0	1.5	1.5
-7.5°	12.3	8.0	6.4	4.6	3.0	1.5	1.5
-10°	12.7	8.1	6.5	4.5	3.0	1.5	1.5
-12.5°	12.9	8.2	6.5	4.5	2.9	1.5	1.5
-15°	13.1	8.3	6.6	4.4	2.9	1.5	1.5
-17.5°	13.2	8.4	6.6	4.4	2.9	1.5	1.5
-20°	13.5	8.4	6.5	4.3	2.8	1.5	1.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626760 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-U-VWR-VSR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	14.4	8.5	6.4	4.2	2.8	1.5	1.5
-25°	15.1	9.0	6.3	4.1	2.7	1.5	1.5
-27.5°	15.7	9.8	6.2	4.1	2.7	1.5	1.5
-30°	16.1	10.4	6.0	4.0	2.6	1.5	1.5
-32.5°	16.3	10.9	6.3	3.8	2.5	1.5	1.5
-35°	16.7	11.3	6.4	3.7	2.5	1.5	1.5
-37.5°	17.2	11.5	6.5	3.6	2.4	1.5	1.5
-40°	17.4	11.6	6.6	3.5	2.3	1.5	1.5
-42.5°	17.5	11.6	6.6	3.4	2.2	1.5	1.5
-45°	17.5	11.6	6.7	3.4	2.1	1.5	1.5
-47.5°	17.2	11.4	6.6	3.4	2.0	1.5	1.5
-50°	16.8	11.1	6.5	3.3	1.9	1.5	1.5
-52.5°	16.4	10.8	6.3	3.3	1.8	1.5	1.5
-55°	15.8	10.3	6.0	3.2	1.7	1.5	1.5
-57.5°	15.1	9.8	5.6	3.1	1.6	1.5	1.5
-60°	14.3	9.1	5.2	2.9	1.5	1.5	1.5
-62.5°	13.1	8.3	4.9	2.8	1.5	1.5	1.5
-65°	11.8	7.4	4.6	2.6	1.5	1.5	1.5
-67.5°	10.4	6.7	4.3	2.4	1.5	1.5	1.5
-70°	8.8	6.1	3.9	2.2	1.5	1.5	1.5
-72.5°	7.8	5.4	3.5	2.1	1.5	1.5	1.5
-75°	6.8	4.7	3.0	2.1	1.5	1.5	1.5
-77.5°	5.7	4.0	2.9	2.1	1.5	1.5	1.5
-80°	4.7	3.6	2.8	2.1	1.5	1.5	1.5
-82.5°	4.2	3.4	2.6	2.0	1.5	1.5	1.5
-85°	3.8	3.1	2.5	2.0	1.5	1.5	1.5
-87.5°	3.4	2.9	2.4	1.9	1.5	1.5	1.5
-90°	1.5	1.5	1.5	1.5	1.5	1.5	1.5

(END OF REPORT)