

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: P626763 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-750-U-WR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626763 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)  
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-WR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N34  
Light Source: (16) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

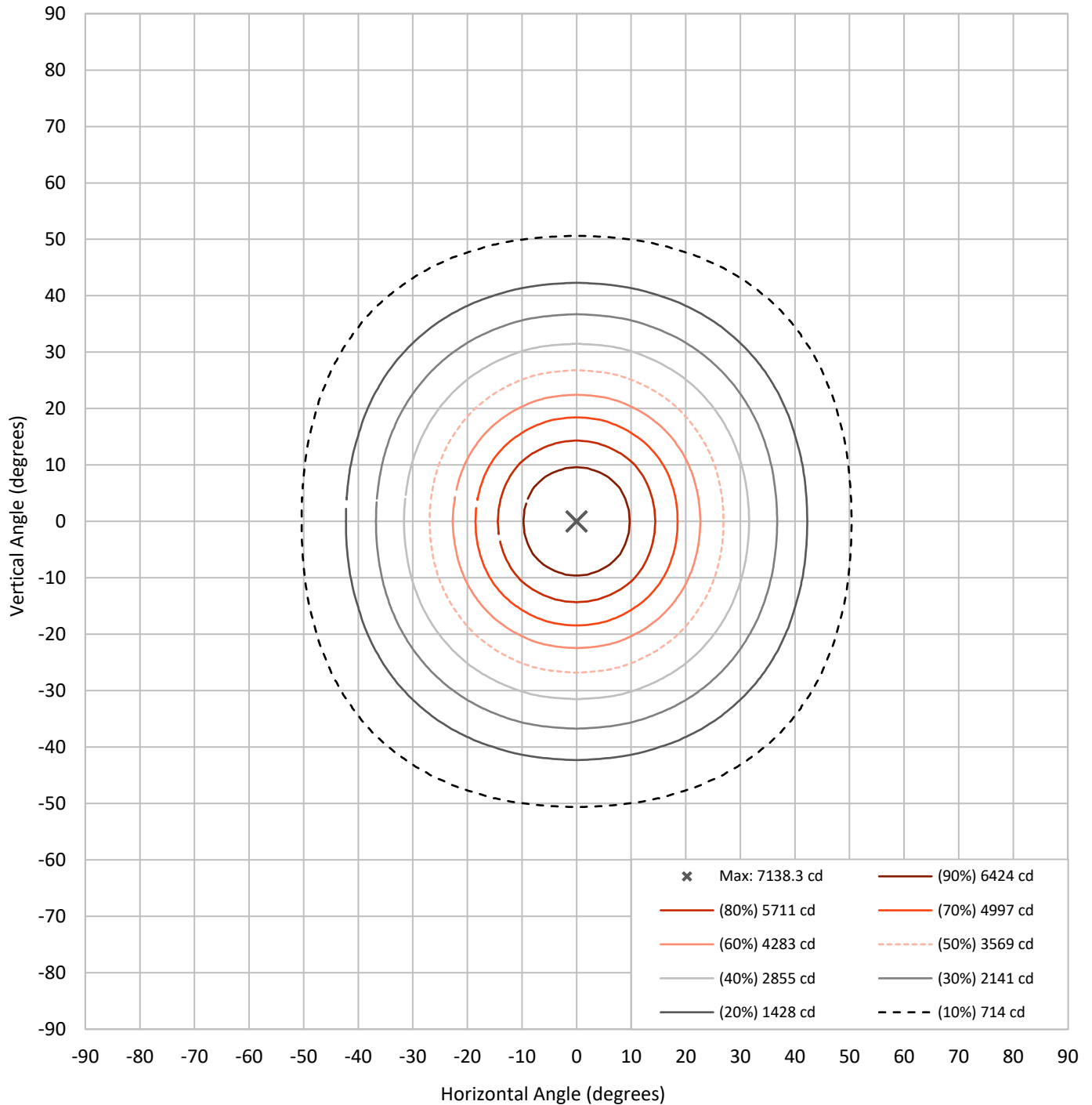
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	7265.1 lumens	Max Intensity:	7138.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	126.8 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	3473.7 lumens	Field Lumens:	6411.7 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
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		



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### Iso-Candela Plot





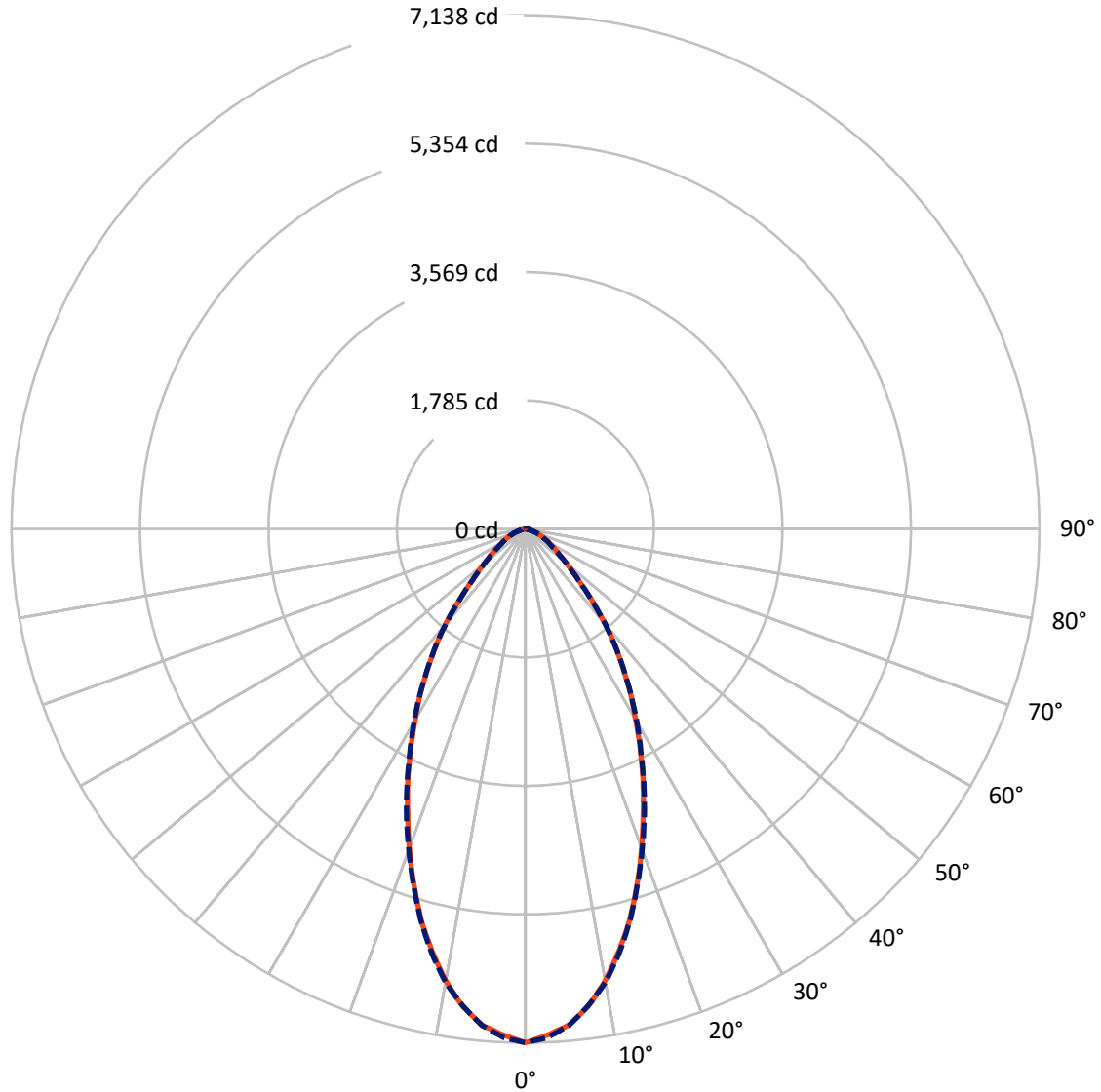
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### Lumen Table

90																
80	0.3	2.0		4.6		7.6		6.5		7.6		4.6		2.0		0.3
70																
60	0.9	1.1	2.1	3.3	4.8	6.3	7.4	7.9	7.9	7.4	6.3	4.8	3.3	2.1	1.1	0.9
50		1.6	3.2	5.5	8.4	11.5	14.4	16.0	16.0	14.4	11.5	8.4	5.5	3.2	1.6	
40	1.4	2.0	4.3	8.1	13.7	21.1	29.1	34.4	34.4	29.1	21.1	13.7	8.1	4.3	2.0	1.4
30		2.4	5.7	11.8	23.0	40.9	59.4	70.5	70.5	59.4	40.9	23.0	11.8	5.7	2.4	
20	1.6	2.8	7.1	16.6	37.2	66.9	95.7	114.4	114.4	95.7	66.9	37.2	16.6	7.1	2.8	1.6
10		3.2	8.3	21.5	50.8	90.4	133.4	164.1	164.1	133.4	90.4	50.8	21.5	8.3	3.2	
0	1.7	3.3	9.0	24.7	58.5	105.0	159.9	201.0	201.0	159.9	105.0	58.5	24.7	9.0	3.3	1.7
-10		3.3	9.0	24.7	58.5	105.0	159.9	201.0	201.0	159.9	105.0	58.5	24.7	9.0	3.3	
-20	1.6	3.2	8.3	21.5	50.8	90.4	133.4	164.1	164.1	133.4	90.4	50.8	21.5	8.3	3.2	1.6
-30		2.8	7.1	16.6	37.2	66.9	95.7	114.4	114.4	95.7	66.9	37.2	16.6	7.1	2.8	
-40	1.4	2.4	5.7	11.8	23.0	40.9	59.4	70.5	70.5	59.4	40.9	23.0	11.8	5.7	2.4	1.4
-50		2.0	4.3	8.1	13.7	21.1	29.1	34.4	34.4	29.1	21.1	13.7	8.1	4.3	2.0	
-60	0.9	1.6	3.2	5.5	8.4	11.5	14.4	16.0	16.0	14.4	11.5	8.4	5.5	3.2	1.6	0.9
-70		1.1	2.1	3.3	4.8	6.3	7.4	7.9	7.9	7.4	6.3	4.8	3.3	2.1	1.1	
-80																
-90	0.3	2.0		4.6		7.6		6.5		7.6		4.6		2.0		0.3

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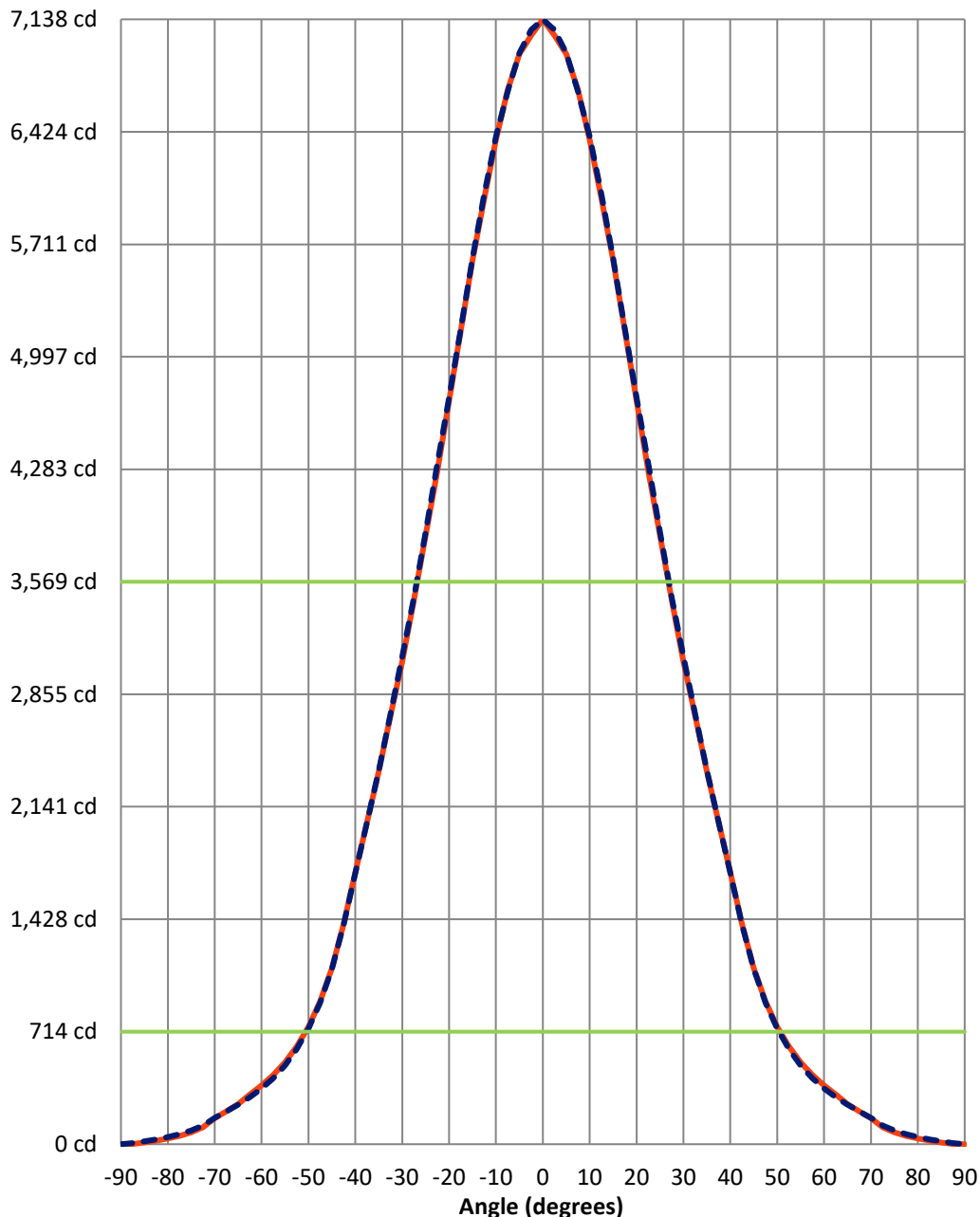
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 53.8°  
 V Angle: 53.6°  
 Lumens: 3473.7  
 Efficiency: 47.8%

**Field:**  
 H Angle: 100.8°  
 V Angle: 101.2°  
 Lumens: 6411.7  
 Efficiency: 88.3%

**Spill:**  
 Lumens: 853.4  
 Efficiency: 11.7%

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

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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	0.4	0.8	1.4	2.0	2.6	3.4	3.8	4.1	4.3	4.5
85°	0.0	0.7	1.7	2.7	3.9	5.3	6.8	7.5	8.1	8.6	9.0
82.5°	0.0	1.1	2.5	4.1	5.9	7.9	10.1	11.3	12.4	14.4	16.1
80°	0.0	1.4	3.3	5.4	7.8	10.5	13.7	17.1	20.0	22.6	24.9
77.5°	0.0	1.8	4.1	6.7	9.7	13.6	19.6	23.9	27.5	30.8	34.0
75°	0.0	2.1	4.9	8.0	11.8	17.8	25.3	30.8	35.1	39.5	44.2
72.5°	0.0	2.5	5.7	9.3	14.6	21.9	30.9	37.5	42.7	48.3	54.3
70°	0.0	2.8	6.5	10.6	17.3	25.8	36.1	43.8	50.2	57.0	64.9
67.5°	0.0	3.2	7.2	12.3	19.9	29.5	40.6	50.0	57.5	65.9	75.4
65°	0.0	3.5	7.9	13.9	22.3	32.9	45.0	56.1	64.7	74.5	85.4
62.5°	0.0	3.8	8.6	15.4	24.7	36.1	49.1	61.9	71.6	82.8	94.7
60°	0.0	4.1	9.3	16.8	26.8	39.0	52.9	67.3	78.2	90.8	103.7
57.5°	0.0	4.4	10.1	18.1	28.8	41.8	56.4	72.2	84.9	98.5	112.0
55°	0.0	4.7	10.8	19.3	30.7	44.3	59.6	76.1	91.4	105.9	120.0
52.5°	0.0	4.9	11.6	20.4	32.4	46.6	62.5	80.4	97.7	113.0	127.7
50°	0.0	5.2	12.3	21.4	34.0	48.7	65.1	84.4	103.8	119.9	136.2
47.5°	0.0	5.4	13.0	22.4	35.4	50.6	67.6	88.0	109.7	126.6	144.6
45°	0.0	5.6	13.6	23.3	36.6	52.3	70.4	91.3	114.0	133.8	152.7
42.5°	0.0	5.9	14.2	24.1	37.7	53.8	72.8	94.5	117.9	140.8	161.0
40°	0.0	6.1	14.8	25.0	38.7	55.0	75.0	97.6	121.8	147.3	169.1
37.5°	0.0	6.2	15.3	25.9	39.5	56.0	76.9	100.4	126.1	152.4	176.8
35°	0.0	6.4	15.8	26.7	40.2	57.2	78.4	103.0	130.2	158.0	184.6
32.5°	0.0	6.6	16.2	27.4	40.7	58.3	79.8	105.2	134.0	163.7	192.6
30°	0.0	6.7	16.7	28.1	41.1	59.1	81.4	107.3	137.7	169.5	200.2
27.5°	0.0	6.8	17.0	28.7	42.0	59.7	82.7	110.0	141.5	175.3	207.3
25°	0.0	6.9	17.3	29.2	42.8	60.1	83.6	112.3	145.8	181.0	213.9
22.5°	0.0	7.0	17.6	29.7	43.6	60.6	84.4	114.4	149.9	186.2	221.2
20°	0.0	7.1	17.9	30.1	44.2	61.7	84.8	116.2	153.7	190.9	227.7
17.5°	0.0	7.1	18.1	30.4	44.8	62.6	85.7	117.6	157.2	195.0	233.4
15°	0.0	7.2	18.2	30.6	45.2	63.3	86.9	119.0	160.4	198.6	238.3
12.5°	0.0	7.2	18.3	30.7	45.5	63.8	87.7	120.2	163.1	201.6	242.4
10°	0.0	7.2	18.4	30.8	45.7	64.1	88.2	120.9	165.2	204.1	245.7
7.5°	0.0	7.2	18.4	30.8	45.8	64.3	88.4	121.0	166.7	206.0	248.2
5°	0.0	7.2	18.4	30.7	45.8	64.2	88.3	120.7	167.5	207.3	249.9
2.5°	0.0	7.1	18.3	30.5	45.7	64.0	88.0	119.9	167.6	208.0	250.8
0°	0.0	7.1	18.2	30.3	45.4	63.6	87.3	118.6	167.0	207.9	250.7
-2.5°	0.0	7.1	18.3	30.5	45.7	64.0	88.0	119.9	167.6	208.0	250.8
-5°	0.0	7.2	18.4	30.7	45.8	64.2	88.3	120.7	167.5	207.3	249.9
-7.5°	0.0	7.2	18.4	30.8	45.8	64.3	88.4	121.0	166.7	206.0	248.2
-10°	0.0	7.2	18.4	30.8	45.7	64.1	88.2	120.9	165.2	204.1	245.7
-12.5°	0.0	7.2	18.3	30.7	45.5	63.8	87.7	120.2	163.1	201.6	242.4
-15°	0.0	7.2	18.2	30.6	45.2	63.3	86.9	119.0	160.4	198.6	238.3
-17.5°	0.0	7.1	18.1	30.4	44.8	62.6	85.7	117.6	157.2	195.0	233.4
-20°	0.0	7.1	17.9	30.1	44.2	61.7	84.8	116.2	153.7	190.9	227.7

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REPORT NUMBER: P626763 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	7.0	17.6	29.7	43.6	60.6	84.4	114.4	149.9	186.2	221.2
-25°	0.0	6.9	17.3	29.2	42.8	60.1	83.6	112.3	145.8	181.0	213.9
-27.5°	0.0	6.8	17.0	28.7	42.0	59.7	82.7	110.0	141.5	175.3	207.3
-30°	0.0	6.7	16.7	28.1	41.1	59.1	81.4	107.3	137.7	169.5	200.2
-32.5°	0.0	6.6	16.2	27.4	40.7	58.3	79.8	105.2	134.0	163.7	192.6
-35°	0.0	6.4	15.8	26.7	40.2	57.2	78.4	103.0	130.2	158.0	184.6
-37.5°	0.0	6.2	15.3	25.9	39.5	56.0	76.9	100.4	126.1	152.4	176.8
-40°	0.0	6.1	14.8	25.0	38.7	55.0	75.0	97.6	121.8	147.3	169.1
-42.5°	0.0	5.9	14.2	24.1	37.7	53.8	72.8	94.5	117.9	140.8	161.0
-45°	0.0	5.6	13.6	23.3	36.6	52.3	70.4	91.3	114.0	133.8	152.7
-47.5°	0.0	5.4	13.0	22.4	35.4	50.6	67.6	88.0	109.7	126.6	144.6
-50°	0.0	5.2	12.3	21.4	34.0	48.7	65.1	84.4	103.8	119.9	136.2
-52.5°	0.0	4.9	11.6	20.4	32.4	46.6	62.5	80.4	97.7	113.0	127.7
-55°	0.0	4.7	10.8	19.3	30.7	44.3	59.6	76.1	91.4	105.9	120.0
-57.5°	0.0	4.4	10.1	18.1	28.8	41.8	56.4	72.2	84.9	98.5	112.0
-60°	0.0	4.1	9.3	16.8	26.8	39.0	52.9	67.3	78.2	90.8	103.7
-62.5°	0.0	3.8	8.6	15.4	24.7	36.1	49.1	61.9	71.6	82.8	94.7
-65°	0.0	3.5	7.9	13.9	22.3	32.9	45.0	56.1	64.7	74.5	85.4
-67.5°	0.0	3.2	7.2	12.3	19.9	29.5	40.6	50.0	57.5	65.9	75.4
-70°	0.0	2.8	6.5	10.6	17.3	25.8	36.1	43.8	50.2	57.0	64.9
-72.5°	0.0	2.5	5.7	9.3	14.6	21.9	30.9	37.5	42.7	48.3	54.3
-75°	0.0	2.1	4.9	8.0	11.8	17.8	25.3	30.8	35.1	39.5	44.2
-77.5°	0.0	1.8	4.1	6.7	9.7	13.6	19.6	23.9	27.5	30.8	34.0
-80°	0.0	1.4	3.3	5.4	7.8	10.5	13.7	17.1	20.0	22.6	24.9
-82.5°	0.0	1.1	2.5	4.1	5.9	7.9	10.1	11.3	12.4	14.4	16.1
-85°	0.0	0.7	1.7	2.7	3.9	5.3	6.8	7.5	8.1	8.6	9.0
-87.5°	0.0	0.4	0.8	1.4	2.0	2.6	3.4	3.8	4.1	4.3	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





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**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°	4.6	4.6	4.5	4.4	4.2	3.9	3.6	3.2	3.3	3.4	3.6
85°	9.1	9.1	9.9	10.6	10.9	10.9	10.7	10.2	11.6	13.1	14.7
82.5°	17.8	19.3	20.7	22.1	22.2	21.9	21.3	20.5	23.2	26.4	29.8
80°	27.2	29.5	32.1	34.5	35.1	34.9	34.1	32.9	36.4	41.5	46.9
77.5°	37.8	41.4	44.8	47.9	48.8	48.6	48.0	47.0	51.5	58.5	65.8
75°	48.9	53.3	57.6	61.5	63.1	63.2	63.0	64.1	70.0	78.2	85.3
72.5°	60.5	66.1	71.0	75.2	77.8	79.8	82.4	85.7	91.7	99.7	106.7
70°	72.8	79.0	84.1	88.8	92.8	97.1	102.7	108.3	114.6	122.6	129.9
67.5°	84.9	91.2	97.0	102.7	110.0	117.0	123.9	131.2	139.2	147.5	154.9
65°	96.1	103.2	110.3	118.6	128.1	136.0	144.6	154.0	164.4	173.9	182.5
62.5°	106.9	114.9	123.7	133.7	144.0	153.9	165.3	177.4	189.7	201.5	213.3
60°	116.0	126.0	136.6	147.9	159.7	173.2	186.7	201.1	215.7	230.0	244.6
57.5°	124.8	137.1	149.3	162.5	177.3	192.7	208.9	225.1	242.6	259.8	276.3
55°	133.8	148.3	162.3	177.9	194.8	212.9	231.2	250.8	270.1	291.9	312.0
52.5°	143.5	159.3	175.7	193.6	213.3	233.7	255.2	277.7	301.7	325.9	350.4
50°	153.0	170.7	189.0	210.4	232.5	255.8	280.6	306.8	334.8	362.7	392.4
47.5°	162.9	181.8	204.2	227.4	252.7	279.2	307.3	338.5	369.5	404.8	438.8
45°	172.6	194.4	218.6	245.6	273.4	303.3	336.6	370.9	410.6	450.4	495.1
42.5°	182.0	207.1	234.4	263.2	294.9	329.3	366.2	409.3	454.0	503.3	555.8
40°	192.8	219.3	250.0	282.3	316.6	355.9	400.2	448.1	502.7	561.0	620.7
37.5°	203.2	232.9	265.4	300.4	340.2	384.5	433.4	492.1	555.1	621.4	702.5
35°	213.0	246.0	281.2	319.6	362.7	414.0	472.6	537.4	610.0	695.5	790.1
32.5°	223.4	258.3	296.2	339.2	388.0	444.0	510.6	586.9	672.8	770.2	888.6
30°	233.8	271.0	311.1	357.6	411.9	476.7	552.3	636.7	735.4	857.6	996.7
27.5°	243.5	282.9	326.7	377.0	435.1	506.8	592.5	691.3	807.7	945.8	1108.2
25°	252.4	293.7	341.2	395.6	460.7	539.3	632.2	741.7	880.0	1044.6	1244.4
22.5°	260.9	303.6	354.2	412.3	483.7	570.9	675.4	800.6	953.5	1138.3	1377.9
20°	268.9	314.2	367.2	428.2	504.3	599.3	715.0	855.6	1029.6	1248.4	1508.8
17.5°	275.9	323.6	379.4	445.5	527.3	628.2	752.5	904.2	1097.3	1346.7	1629.6
15°	281.9	331.7	390.0	460.4	548.0	656.9	791.7	957.4	1168.0	1436.1	1735.6
12.5°	286.9	338.5	398.9	473.0	565.4	681.2	825.2	1004.9	1236.8	1520.3	1828.7
10°	290.9	344.0	406.1	483.2	579.4	700.9	852.9	1043.7	1294.1	1592.5	1907.4
7.5°	294.2	348.2	411.6	490.9	590.0	716.0	874.4	1073.7	1338.9	1649.7	1967.9
5°	296.6	351.3	415.8	496.3	597.8	726.5	889.4	1094.6	1370.7	1691.1	2009.2
2.5°	297.9	352.9	418.1	499.1	602.5	732.5	897.3	1107.8	1388.2	1714.8	2034.2
0°	298.2	353.2	418.7	499.5	603.9	733.6	898.5	1111.9	1391.9	1720.9	2043.3
-2.5°	297.9	352.9	418.1	499.1	602.5	732.5	897.3	1107.8	1388.2	1714.8	2034.2
-5°	296.6	351.3	415.8	496.3	597.8	726.5	889.4	1094.6	1370.7	1691.1	2009.2
-7.5°	294.2	348.2	411.6	490.9	590.0	716.0	874.4	1073.7	1338.9	1649.7	1967.9
-10°	290.9	344.0	406.1	483.2	579.4	700.9	852.9	1043.7	1294.1	1592.5	1907.4
-12.5°	286.9	338.5	398.9	473.0	565.4	681.2	825.2	1004.9	1236.8	1520.3	1828.7
-15°	281.9	331.7	390.0	460.4	548.0	656.9	791.7	957.4	1168.0	1436.1	1735.6
-17.5°	275.9	323.6	379.4	445.5	527.3	628.2	752.5	904.2	1097.3	1346.7	1629.6
-20°	268.9	314.2	367.2	428.2	504.3	599.3	715.0	855.6	1029.6	1248.4	1508.8

Classified

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

Scaled Data Report



REPORT NUMBER: P626763 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	260.9	303.6	354.2	412.3	483.7	570.9	675.4	800.6	953.5	1138.3	1377.9
-25°	252.4	293.7	341.2	395.6	460.7	539.3	632.2	741.7	880.0	1044.6	1244.4
-27.5°	243.5	282.9	326.7	377.0	435.1	506.8	592.5	691.3	807.7	945.8	1108.2
-30°	233.8	271.0	311.1	357.6	411.9	476.7	552.3	636.7	735.4	857.6	996.7
-32.5°	223.4	258.3	296.2	339.2	388.0	444.0	510.6	586.9	672.8	770.2	888.6
-35°	213.0	246.0	281.2	319.6	362.7	414.0	472.6	537.4	610.0	695.5	790.1
-37.5°	203.2	232.9	265.4	300.4	340.2	384.5	433.4	492.1	555.1	621.4	702.5
-40°	192.8	219.3	250.0	282.3	316.6	355.9	400.2	448.1	502.7	561.0	620.7
-42.5°	182.0	207.1	234.4	263.2	294.9	329.3	366.2	409.3	454.0	503.3	555.8
-45°	172.6	194.4	218.6	245.6	273.4	303.3	336.6	370.9	410.6	450.4	495.1
-47.5°	162.9	181.8	204.2	227.4	252.7	279.2	307.3	338.5	369.5	404.8	438.8
-50°	153.0	170.7	189.0	210.4	232.5	255.8	280.6	306.8	334.8	362.7	392.4
-52.5°	143.5	159.3	175.7	193.6	213.3	233.7	255.2	277.7	301.7	325.9	350.4
-55°	133.8	148.3	162.3	177.9	194.8	212.9	231.2	250.8	270.1	291.9	312.0
-57.5°	124.8	137.1	149.3	162.5	177.3	192.7	208.9	225.1	242.6	259.8	276.3
-60°	116.0	126.0	136.6	147.9	159.7	173.2	186.7	201.1	215.7	230.0	244.6
-62.5°	106.9	114.9	123.7	133.7	144.0	153.9	165.3	177.4	189.7	201.5	213.3
-65°	96.1	103.2	110.3	118.6	128.1	136.0	144.6	154.0	164.4	173.9	182.5
-67.5°	84.9	91.2	97.0	102.7	110.0	117.0	123.9	131.2	139.2	147.5	154.9
-70°	72.8	79.0	84.1	88.8	92.8	97.1	102.7	108.3	114.6	122.6	129.9
-72.5°	60.5	66.1	71.0	75.2	77.8	79.8	82.4	85.7	91.7	99.7	106.7
-75°	48.9	53.3	57.6	61.5	63.1	63.2	63.0	64.1	70.0	78.2	85.3
-77.5°	37.8	41.4	44.8	47.9	48.8	48.6	48.0	47.0	51.5	58.5	65.8
-80°	27.2	29.5	32.1	34.5	35.1	34.9	34.1	32.9	36.4	41.5	46.9
-82.5°	17.8	19.3	20.7	22.1	22.2	21.9	21.3	20.5	23.2	26.4	29.8
-85°	9.1	9.1	9.9	10.6	10.9	10.9	10.7	10.2	11.6	13.1	14.7
-87.5°	4.6	4.6	4.5	4.4	4.2	3.9	3.6	3.2	3.3	3.4	3.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626763 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-U-WR-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°	3.7	3.6	3.5	3.3	3.2	3.1	3.1	3.0	2.9	2.7	2.5
85°	16.4	16.8	17.0	17.1	17.1	17.6	18.2	18.6	19.0	17.2	15.3
82.5°	33.4	34.9	36.3	37.7	39.0	39.9	40.6	41.2	41.5	37.6	33.1
80°	52.5	55.8	58.5	61.1	63.6	64.3	64.3	63.9	63.2	57.8	51.7
77.5°	73.0	77.3	80.7	84.1	87.5	88.7	89.3	89.7	90.0	83.4	75.2
75°	91.6	96.7	101.5	106.0	110.1	112.3	113.6	114.6	115.4	108.7	99.9
72.5°	112.9	118.3	123.5	128.4	132.7	135.6	137.5	139.0	140.3	136.5	131.0
70°	136.2	141.8	147.3	152.4	157.3	161.2	164.2	166.9	169.1	169.5	169.3
67.5°	162.1	168.8	175.3	180.9	186.7	192.1	196.9	200.9	204.1	206.2	207.4
65°	191.2	201.2	210.1	217.6	223.9	231.2	237.6	242.5	246.0	248.6	250.9
62.5°	225.5	237.6	247.8	257.8	268.1	278.2	284.5	290.8	297.0	302.8	307.8
60°	258.5	271.7	285.5	298.3	310.2	321.1	332.4	342.5	351.2	358.5	364.0
57.5°	293.6	309.8	325.5	341.7	357.0	371.3	385.3	398.2	409.3	418.6	426.3
55°	331.8	351.5	370.1	390.8	410.8	429.1	446.0	463.2	478.7	492.4	503.2
52.5°	372.9	398.6	423.2	447.5	473.5	496.9	517.9	541.8	563.0	580.5	594.1
50°	422.0	452.2	484.7	514.8	547.6	579.8	609.6	638.4	666.5	690.9	710.6
47.5°	478.0	515.1	555.4	595.3	636.0	680.0	719.4	755.9	795.3	829.5	856.9
45°	540.2	587.5	636.2	692.2	743.8	800.4	852.9	900.0	955.8	1005.0	1044.7
42.5°	609.2	672.2	736.1	806.7	875.2	947.1	1023.6	1091.3	1165.4	1236.0	1293.1
40°	694.6	770.0	855.6	941.1	1039.4	1131.8	1243.1	1344.2	1436.0	1520.3	1589.3
37.5°	789.6	886.7	994.3	1105.6	1240.1	1372.0	1502.2	1625.2	1733.8	1826.0	1903.3
35°	897.4	1020.8	1151.2	1313.6	1471.2	1629.2	1776.3	1910.7	2028.8	2132.8	2221.2
32.5°	1021.5	1169.6	1352.0	1534.6	1714.4	1888.2	2049.7	2196.4	2325.9	2442.6	2544.3
30°	1151.9	1353.9	1558.7	1759.0	1955.3	2145.8	2323.1	2484.6	2630.9	2760.9	2878.0
27.5°	1317.7	1541.5	1764.8	1980.7	2196.7	2405.2	2597.3	2776.7	2944.6	3091.5	3225.4
25°	1478.0	1725.3	1962.6	2198.0	2433.2	2657.0	2871.8	3074.4	3266.7	3435.3	3584.8
22.5°	1638.3	1897.1	2150.7	2403.8	2656.4	2905.9	3147.2	3379.3	3594.4	3786.4	3954.7
20°	1786.7	2057.3	2328.5	2601.4	2875.2	3148.3	3419.2	3680.4	3920.0	4141.7	4336.5
17.5°	1919.8	2207.6	2495.2	2787.0	3083.8	3380.3	3681.2	3974.1	4248.0	4500.2	4726.2
15°	2037.7	2337.9	2646.8	2961.7	3280.5	3602.5	3930.8	4258.5	4566.8	4853.3	5105.6
12.5°	2140.7	2452.9	2776.7	3111.2	3457.2	3808.0	4166.3	4525.5	4866.8	5197.6	5470.0
10°	2225.7	2550.7	2889.0	3240.6	3605.4	3983.0	4367.5	4754.0	5130.1	5481.0	5792.5
7.5°	2291.4	2628.5	2977.2	3342.8	3725.6	4123.7	4531.0	4941.2	5342.5	5720.7	6065.4
5°	2337.7	2685.2	3038.2	3418.5	3814.6	4227.2	4650.5	5078.0	5497.5	5895.1	6252.3
2.5°	2364.6	2719.2	3073.8	3464.6	3867.5	4289.8	4724.6	5159.1	5589.7	6002.1	6369.2
0°	2371.7	2729.4	3094.1	3469.5	3884.2	4319.1	4738.3	5174.2	5621.7	6028.4	6394.1
-2.5°	2364.6	2719.2	3073.8	3464.6	3867.5	4289.8	4724.6	5159.1	5589.7	6002.1	6369.2
-5°	2337.7	2685.2	3038.2	3418.5	3814.6	4227.2	4650.5	5078.0	5497.5	5895.1	6252.3
-7.5°	2291.4	2628.5	2977.2	3342.8	3725.6	4123.7	4531.0	4941.2	5342.5	5720.7	6065.4
-10°	2225.7	2550.7	2889.0	3240.6	3605.4	3983.0	4367.5	4754.0	5130.1	5481.0	5792.5
-12.5°	2140.7	2452.9	2776.7	3111.2	3457.2	3808.0	4166.3	4525.5	4866.8	5197.6	5470.0
-15°	2037.7	2337.9	2646.8	2961.7	3280.5	3602.5	3930.8	4258.5	4566.8	4853.3	5105.6
-17.5°	1919.8	2207.6	2495.2	2787.0	3083.8	3380.3	3681.2	3974.1	4248.0	4500.2	4726.2
-20°	1786.7	2057.3	2328.5	2601.4	2875.2	3148.3	3419.2	3680.4	3920.0	4141.7	4336.5

Classified

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

Scaled Data Report



REPORT NUMBER: P626763 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1638.3	1897.1	2150.7	2403.8	2656.4	2905.9	3147.2	3379.3	3594.4	3786.4	3954.7
-25°	1478.0	1725.3	1962.6	2198.0	2433.2	2657.0	2871.8	3074.4	3266.7	3435.3	3584.8
-27.5°	1317.7	1541.5	1764.8	1980.7	2196.7	2405.2	2597.3	2776.7	2944.6	3091.5	3225.4
-30°	1151.9	1353.9	1558.7	1759.0	1955.3	2145.8	2323.1	2484.6	2630.9	2760.9	2878.0
-32.5°	1021.5	1169.6	1352.0	1534.6	1714.4	1888.2	2049.7	2196.4	2325.9	2442.6	2544.3
-35°	897.4	1020.8	1151.2	1313.6	1471.2	1629.2	1776.3	1910.7	2028.8	2132.8	2221.2
-37.5°	789.6	886.7	994.3	1105.6	1240.1	1372.0	1502.2	1625.2	1733.8	1826.0	1903.3
-40°	694.6	770.0	855.6	941.1	1039.4	1131.8	1243.1	1344.2	1436.0	1520.3	1589.3
-42.5°	609.2	672.2	736.1	806.7	875.2	947.1	1023.6	1091.3	1165.4	1236.0	1293.1
-45°	540.2	587.5	636.2	692.2	743.8	800.4	852.9	900.0	955.8	1005.0	1044.7
-47.5°	478.0	515.1	555.4	595.3	636.0	680.0	719.4	755.9	795.3	829.5	856.9
-50°	422.0	452.2	484.7	514.8	547.6	579.8	609.6	638.4	666.5	690.9	710.6
-52.5°	372.9	398.6	423.2	447.5	473.5	496.9	517.9	541.8	563.0	580.5	594.1
-55°	331.8	351.5	370.1	390.8	410.8	429.1	446.0	463.2	478.7	492.4	503.2
-57.5°	293.6	309.8	325.5	341.7	357.0	371.3	385.3	398.2	409.3	418.6	426.3
-60°	258.5	271.7	285.5	298.3	310.2	321.1	332.4	342.5	351.2	358.5	364.0
-62.5°	225.5	237.6	247.8	257.8	268.1	278.2	284.5	290.8	297.0	302.8	307.8
-65°	191.2	201.2	210.1	217.6	223.9	231.2	237.6	242.5	246.0	248.6	250.9
-67.5°	162.1	168.8	175.3	180.9	186.7	192.1	196.9	200.9	204.1	206.2	207.4
-70°	136.2	141.8	147.3	152.4	157.3	161.2	164.2	166.9	169.1	169.5	169.3
-72.5°	112.9	118.3	123.5	128.4	132.7	135.6	137.5	139.0	140.3	136.5	131.0
-75°	91.6	96.7	101.5	106.0	110.1	112.3	113.6	114.6	115.4	108.7	99.9
-77.5°	73.0	77.3	80.7	84.1	87.5	88.7	89.3	89.7	90.0	83.4	75.2
-80°	52.5	55.8	58.5	61.1	63.6	64.3	64.3	63.9	63.2	57.8	51.7
-82.5°	33.4	34.9	36.3	37.7	39.0	39.9	40.6	41.2	41.5	37.6	33.1
-85°	16.4	16.8	17.0	17.1	17.1	17.6	18.2	18.6	19.0	17.2	15.3
-87.5°	3.7	3.6	3.5	3.3	3.2	3.1	3.1	3.0	2.9	2.7	2.5
-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: P626763 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-U-WR-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°	2.2	2.0	1.7	1.5	1.7	2.0	2.2	2.5	2.7	2.9	3.0
85°	13.2	11.0	10.8	10.6	10.8	11.0	13.2	15.3	17.2	19.0	18.6
82.5°	28.5	23.6	22.9	22.2	22.9	23.6	28.5	33.1	37.6	41.5	41.2
80°	45.4	38.8	37.5	36.3	37.5	38.8	45.4	51.7	57.8	63.2	63.9
77.5°	66.6	57.6	55.0	52.5	55.0	57.6	66.6	75.2	83.4	90.0	89.7
75°	90.8	81.3	78.2	75.2	78.2	81.3	90.8	99.9	108.7	115.4	114.6
72.5°	125.4	119.7	113.9	107.5	113.9	119.7	125.4	131.0	136.5	140.3	139.0
70°	169.1	168.7	167.2	165.0	167.2	168.7	169.1	169.3	169.5	169.1	166.9
67.5°	207.9	207.8	208.3	208.4	208.3	207.8	207.9	207.4	206.2	204.1	200.9
65°	252.3	252.8	253.8	254.3	253.8	252.8	252.3	250.9	248.6	246.0	242.5
62.5°	311.6	314.2	315.4	315.3	315.4	314.2	311.6	307.8	302.8	297.0	290.8
60°	368.0	370.7	372.4	372.8	372.4	370.7	368.0	364.0	358.5	351.2	342.5
57.5°	432.4	436.7	439.1	439.4	439.1	436.7	432.4	426.3	418.6	409.3	398.2
55°	511.6	517.4	519.9	519.6	519.9	517.4	511.6	503.2	492.4	478.7	463.2
52.5°	604.4	611.5	616.8	620.0	616.8	611.5	604.4	594.1	580.5	563.0	541.8
50°	725.4	735.5	742.0	744.7	742.0	735.5	725.4	710.6	690.9	666.5	638.4
47.5°	876.8	890.2	900.2	907.1	900.2	890.2	876.8	856.9	829.5	795.3	755.9
45°	1073.9	1094.4	1108.3	1116.5	1108.3	1094.4	1073.9	1044.7	1005.0	955.8	900.0
42.5°	1337.7	1369.5	1389.0	1396.5	1389.0	1369.5	1337.7	1293.1	1236.0	1165.4	1091.3
40°	1643.8	1682.0	1707.1	1724.4	1707.1	1682.0	1643.8	1589.3	1520.3	1436.0	1344.2
37.5°	1962.6	2002.8	2027.2	2043.8	2027.2	2002.8	1962.6	1903.3	1826.0	1733.8	1625.2
35°	2287.9	2329.9	2352.8	2365.6	2352.8	2329.9	2287.9	2221.2	2132.8	2028.8	1910.7
32.5°	2621.8	2668.2	2693.1	2718.8	2693.1	2668.2	2621.8	2544.3	2442.6	2325.9	2196.4
30°	2970.6	3023.7	3049.8	3062.4	3049.8	3023.7	2970.6	2878.0	2760.9	2630.9	2484.6
27.5°	3333.5	3399.8	3432.4	3453.9	3432.4	3399.8	3333.5	3225.4	3091.5	2944.6	2776.7
25°	3711.1	3793.2	3830.6	3864.0	3830.6	3793.2	3711.1	3584.8	3435.3	3266.7	3074.4
22.5°	4102.9	4205.1	4248.4	4272.2	4248.4	4205.1	4102.9	3954.7	3786.4	3594.4	3379.3
20°	4505.0	4627.1	4687.2	4718.2	4687.2	4627.1	4505.0	4336.5	4141.7	3920.0	3680.4
17.5°	4916.1	5068.0	5145.8	5163.6	5145.8	5068.0	4916.1	4726.2	4500.2	4248.0	3974.1
15°	5319.6	5483.9	5575.9	5609.6	5575.9	5483.9	5319.6	5105.6	4853.3	4566.8	4258.5
12.5°	5701.8	5872.1	5982.1	6001.6	5982.1	5872.1	5701.8	5470.0	5197.6	4866.8	4525.5
10°	6048.5	6224.9	6346.3	6373.9	6346.3	6224.9	6048.5	5792.5	5481.0	5130.1	4754.0
7.5°	6338.2	6531.8	6665.9	6689.3	6665.9	6531.8	6338.2	6065.4	5720.7	5342.5	4941.2
5°	6550.3	6780.1	6890.2	6917.8	6890.2	6780.1	6550.3	6252.3	5895.1	5497.5	5078.0
2.5°	6666.6	6900.5	7053.5	7035.9	7053.5	6900.5	6666.6	6369.2	6002.1	5589.7	5159.1
0°	6679.7	6924.4	7070.7	7138.3	7070.7	6924.4	6679.7	6394.1	6028.4	5621.7	5174.2
-2.5°	6666.6	6900.5	7053.5	7035.9	7053.5	6900.5	6666.6	6369.2	6002.1	5589.7	5159.1
-5°	6550.3	6780.1	6890.2	6917.8	6890.2	6780.1	6550.3	6252.3	5895.1	5497.5	5078.0
-7.5°	6338.2	6531.8	6665.9	6689.3	6665.9	6531.8	6338.2	6065.4	5720.7	5342.5	4941.2
-10°	6048.5	6224.9	6346.3	6373.9	6346.3	6224.9	6048.5	5792.5	5481.0	5130.1	4754.0
-12.5°	5701.8	5872.1	5982.1	6001.6	5982.1	5872.1	5701.8	5470.0	5197.6	4866.8	4525.5
-15°	5319.6	5483.9	5575.9	5609.6	5575.9	5483.9	5319.6	5105.6	4853.3	4566.8	4258.5
-17.5°	4916.1	5068.0	5145.8	5163.6	5145.8	5068.0	4916.1	4726.2	4500.2	4248.0	3974.1
-20°	4505.0	4627.1	4687.2	4718.2	4687.2	4627.1	4505.0	4336.5	4141.7	3920.0	3680.4



REPORT NUMBER: P626763 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-750-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4102.9	4205.1	4248.4	4272.2	4248.4	4205.1	4102.9	3954.7	3786.4	3594.4	3379.3
-25°	3711.1	3793.2	3830.6	3864.0	3830.6	3793.2	3711.1	3584.8	3435.3	3266.7	3074.4
-27.5°	3333.5	3399.8	3432.4	3453.9	3432.4	3399.8	3333.5	3225.4	3091.5	2944.6	2776.7
-30°	2970.6	3023.7	3049.8	3062.4	3049.8	3023.7	2970.6	2878.0	2760.9	2630.9	2484.6
-32.5°	2621.8	2668.2	2693.1	2718.8	2693.1	2668.2	2621.8	2544.3	2442.6	2325.9	2196.4
-35°	2287.9	2329.9	2352.8	2365.6	2352.8	2329.9	2287.9	2221.2	2132.8	2028.8	1910.7
-37.5°	1962.6	2002.8	2027.2	2043.8	2027.2	2002.8	1962.6	1903.3	1826.0	1733.8	1625.2
-40°	1643.8	1682.0	1707.1	1724.4	1707.1	1682.0	1643.8	1589.3	1520.3	1436.0	1344.2
-42.5°	1337.7	1369.5	1389.0	1396.5	1389.0	1369.5	1337.7	1293.1	1236.0	1165.4	1091.3
-45°	1073.9	1094.4	1108.3	1116.5	1108.3	1094.4	1073.9	1044.7	1005.0	955.8	900.0
-47.5°	876.8	890.2	900.2	907.1	900.2	890.2	876.8	856.9	829.5	795.3	755.9
-50°	725.4	735.5	742.0	744.7	742.0	735.5	725.4	710.6	690.9	666.5	638.4
-52.5°	604.4	611.5	616.8	620.0	616.8	611.5	604.4	594.1	580.5	563.0	541.8
-55°	511.6	517.4	519.9	519.6	519.9	517.4	511.6	503.2	492.4	478.7	463.2
-57.5°	432.4	436.7	439.1	439.4	439.1	436.7	432.4	426.3	418.6	409.3	398.2
-60°	368.0	370.7	372.4	372.8	372.4	370.7	368.0	364.0	358.5	351.2	342.5
-62.5°	311.6	314.2	315.4	315.3	315.4	314.2	311.6	307.8	302.8	297.0	290.8
-65°	252.3	252.8	253.8	254.3	253.8	252.8	252.3	250.9	248.6	246.0	242.5
-67.5°	207.9	207.8	208.3	208.4	208.3	207.8	207.9	207.4	206.2	204.1	200.9
-70°	169.1	168.7	167.2	165.0	167.2	168.7	169.1	169.3	169.5	169.1	166.9
-72.5°	125.4	119.7	113.9	107.5	113.9	119.7	125.4	131.0	136.5	140.3	139.0
-75°	90.8	81.3	78.2	75.2	78.2	81.3	90.8	99.9	108.7	115.4	114.6
-77.5°	66.6	57.6	55.0	52.5	55.0	57.6	66.6	75.2	83.4	90.0	89.7
-80°	45.4	38.8	37.5	36.3	37.5	38.8	45.4	51.7	57.8	63.2	63.9
-82.5°	28.5	23.6	22.9	22.2	22.9	23.6	28.5	33.1	37.6	41.5	41.2
-85°	13.2	11.0	10.8	10.6	10.8	11.0	13.2	15.3	17.2	19.0	18.6
-87.5°	2.2	2.0	1.7	1.5	1.7	2.0	2.2	2.5	2.7	2.9	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: P626763 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-U-WR-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°	3.1	3.1	3.2	3.3	3.5	3.6	3.7	3.6	3.4	3.3	3.2
85°	18.2	17.6	17.1	17.1	17.0	16.8	16.4	14.7	13.1	11.6	10.2
82.5°	40.6	39.9	39.0	37.7	36.3	34.9	33.4	29.8	26.4	23.2	20.5
80°	64.3	64.3	63.6	61.1	58.5	55.8	52.5	46.9	41.5	36.4	32.9
77.5°	89.3	88.7	87.5	84.1	80.7	77.3	73.0	65.8	58.5	51.5	47.0
75°	113.6	112.3	110.1	106.0	101.5	96.7	91.6	85.3	78.2	70.0	64.1
72.5°	137.5	135.6	132.7	128.4	123.5	118.3	112.9	106.7	99.7	91.7	85.7
70°	164.2	161.2	157.3	152.4	147.3	141.8	136.2	129.9	122.6	114.6	108.3
67.5°	196.9	192.1	186.7	180.9	175.3	168.8	162.1	154.9	147.5	139.2	131.2
65°	237.6	231.2	223.9	217.6	210.1	201.2	191.2	182.5	173.9	164.4	154.0
62.5°	284.5	278.2	268.1	257.8	247.8	237.6	225.5	213.3	201.5	189.7	177.4
60°	332.4	321.1	310.2	298.3	285.5	271.7	258.5	244.6	230.0	215.7	201.1
57.5°	385.3	371.3	357.0	341.7	325.5	309.8	293.6	276.3	259.8	242.6	225.1
55°	446.0	429.1	410.8	390.8	370.1	351.5	331.8	312.0	291.9	270.1	250.8
52.5°	517.9	496.9	473.5	447.5	423.2	398.6	372.9	350.4	325.9	301.7	277.7
50°	609.6	579.8	547.6	514.8	484.7	452.2	422.0	392.4	362.7	334.8	306.8
47.5°	719.4	680.0	636.0	595.3	555.4	515.1	478.0	438.8	404.8	369.5	338.5
45°	852.9	800.4	743.8	692.2	636.2	587.5	540.2	495.1	450.4	410.6	370.9
42.5°	1023.6	947.1	875.2	806.7	736.1	672.2	609.2	555.8	503.3	454.0	409.3
40°	1243.1	1131.8	1039.4	941.1	855.6	770.0	694.6	620.7	561.0	502.7	448.1
37.5°	1502.2	1372.0	1240.1	1105.6	994.3	886.7	789.6	702.5	621.4	555.1	492.1
35°	1776.3	1629.2	1471.2	1313.6	1151.2	1020.8	897.4	790.1	695.5	610.0	537.4
32.5°	2049.7	1888.2	1714.4	1534.6	1352.0	1169.6	1021.5	888.6	770.2	672.8	586.9
30°	2323.1	2145.8	1955.3	1759.0	1558.7	1353.9	1151.9	996.7	857.6	735.4	636.7
27.5°	2597.3	2405.2	2196.7	1980.7	1764.8	1541.5	1317.7	1108.2	945.8	807.7	691.3
25°	2871.8	2657.0	2433.2	2198.0	1962.6	1725.3	1478.0	1244.4	1044.6	880.0	741.7
22.5°	3147.2	2905.9	2656.4	2403.8	2150.7	1897.1	1638.3	1377.9	1138.3	953.5	800.6
20°	3419.2	3148.3	2875.2	2601.4	2328.5	2057.3	1786.7	1508.8	1248.4	1029.6	855.6
17.5°	3681.2	3380.3	3083.8	2787.0	2495.2	2207.6	1919.8	1629.6	1346.7	1097.3	904.2
15°	3930.8	3602.5	3280.5	2961.7	2646.8	2337.9	2037.7	1735.6	1436.1	1168.0	957.4
12.5°	4166.3	3808.0	3457.2	3111.2	2776.7	2452.9	2140.7	1828.7	1520.3	1236.8	1004.9
10°	4367.5	3983.0	3605.4	3240.6	2889.0	2550.7	2225.7	1907.4	1592.5	1294.1	1043.7
7.5°	4531.0	4123.7	3725.6	3342.8	2977.2	2628.5	2291.4	1967.9	1649.7	1338.9	1073.7
5°	4650.5	4227.2	3814.6	3418.5	3038.2	2685.2	2337.7	2009.2	1691.1	1370.7	1094.6
2.5°	4724.6	4289.8	3867.5	3464.6	3073.8	2719.2	2364.6	2034.2	1714.8	1388.2	1107.8
0°	4738.3	4319.1	3884.2	3469.5	3094.1	2729.4	2371.7	2043.3	1720.9	1391.9	1111.9
-2.5°	4724.6	4289.8	3867.5	3464.6	3073.8	2719.2	2364.6	2034.2	1714.8	1388.2	1107.8
-5°	4650.5	4227.2	3814.6	3418.5	3038.2	2685.2	2337.7	2009.2	1691.1	1370.7	1094.6
-7.5°	4531.0	4123.7	3725.6	3342.8	2977.2	2628.5	2291.4	1967.9	1649.7	1338.9	1073.7
-10°	4367.5	3983.0	3605.4	3240.6	2889.0	2550.7	2225.7	1907.4	1592.5	1294.1	1043.7
-12.5°	4166.3	3808.0	3457.2	3111.2	2776.7	2452.9	2140.7	1828.7	1520.3	1236.8	1004.9
-15°	3930.8	3602.5	3280.5	2961.7	2646.8	2337.9	2037.7	1735.6	1436.1	1168.0	957.4
-17.5°	3681.2	3380.3	3083.8	2787.0	2495.2	2207.6	1919.8	1629.6	1346.7	1097.3	904.2
-20°	3419.2	3148.3	2875.2	2601.4	2328.5	2057.3	1786.7	1508.8	1248.4	1029.6	855.6



REPORT NUMBER: P626763 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1D-750-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3147.2	2905.9	2656.4	2403.8	2150.7	1897.1	1638.3	1377.9	1138.3	953.5	800.6
-25°	2871.8	2657.0	2433.2	2198.0	1962.6	1725.3	1478.0	1244.4	1044.6	880.0	741.7
-27.5°	2597.3	2405.2	2196.7	1980.7	1764.8	1541.5	1317.7	1108.2	945.8	807.7	691.3
-30°	2323.1	2145.8	1955.3	1759.0	1558.7	1353.9	1151.9	996.7	857.6	735.4	636.7
-32.5°	2049.7	1888.2	1714.4	1534.6	1352.0	1169.6	1021.5	888.6	770.2	672.8	586.9
-35°	1776.3	1629.2	1471.2	1313.6	1151.2	1020.8	897.4	790.1	695.5	610.0	537.4
-37.5°	1502.2	1372.0	1240.1	1105.6	994.3	886.7	789.6	702.5	621.4	555.1	492.1
-40°	1243.1	1131.8	1039.4	941.1	855.6	770.0	694.6	620.7	561.0	502.7	448.1
-42.5°	1023.6	947.1	875.2	806.7	736.1	672.2	609.2	555.8	503.3	454.0	409.3
-45°	852.9	800.4	743.8	692.2	636.2	587.5	540.2	495.1	450.4	410.6	370.9
-47.5°	719.4	680.0	636.0	595.3	555.4	515.1	478.0	438.8	404.8	369.5	338.5
-50°	609.6	579.8	547.6	514.8	484.7	452.2	422.0	392.4	362.7	334.8	306.8
-52.5°	517.9	496.9	473.5	447.5	423.2	398.6	372.9	350.4	325.9	301.7	277.7
-55°	446.0	429.1	410.8	390.8	370.1	351.5	331.8	312.0	291.9	270.1	250.8
-57.5°	385.3	371.3	357.0	341.7	325.5	309.8	293.6	276.3	259.8	242.6	225.1
-60°	332.4	321.1	310.2	298.3	285.5	271.7	258.5	244.6	230.0	215.7	201.1
-62.5°	284.5	278.2	268.1	257.8	247.8	237.6	225.5	213.3	201.5	189.7	177.4
-65°	237.6	231.2	223.9	217.6	210.1	201.2	191.2	182.5	173.9	164.4	154.0
-67.5°	196.9	192.1	186.7	180.9	175.3	168.8	162.1	154.9	147.5	139.2	131.2
-70°	164.2	161.2	157.3	152.4	147.3	141.8	136.2	129.9	122.6	114.6	108.3
-72.5°	137.5	135.6	132.7	128.4	123.5	118.3	112.9	106.7	99.7	91.7	85.7
-75°	113.6	112.3	110.1	106.0	101.5	96.7	91.6	85.3	78.2	70.0	64.1
-77.5°	89.3	88.7	87.5	84.1	80.7	77.3	73.0	65.8	58.5	51.5	47.0
-80°	64.3	64.3	63.6	61.1	58.5	55.8	52.5	46.9	41.5	36.4	32.9
-82.5°	40.6	39.9	39.0	37.7	36.3	34.9	33.4	29.8	26.4	23.2	20.5
-85°	18.2	17.6	17.1	17.1	17.0	16.8	16.4	14.7	13.1	11.6	10.2
-87.5°	3.1	3.1	3.2	3.3	3.5	3.6	3.7	3.6	3.4	3.3	3.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P626763 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-U-WR-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°	3.6	3.9	4.2	4.4	4.5	4.6	4.6	4.5	4.3	4.1	3.8
85°	10.7	10.9	10.9	10.6	9.9	9.1	9.1	9.0	8.6	8.1	7.5
82.5°	21.3	21.9	22.2	22.1	20.7	19.3	17.8	16.1	14.4	12.4	11.3
80°	34.1	34.9	35.1	34.5	32.1	29.5	27.2	24.9	22.6	20.0	17.1
77.5°	48.0	48.6	48.8	47.9	44.8	41.4	37.8	34.0	30.8	27.5	23.9
75°	63.0	63.2	63.1	61.5	57.6	53.3	48.9	44.2	39.5	35.1	30.8
72.5°	82.4	79.8	77.8	75.2	71.0	66.1	60.5	54.3	48.3	42.7	37.5
70°	102.7	97.1	92.8	88.8	84.1	79.0	72.8	64.9	57.0	50.2	43.8
67.5°	123.9	117.0	110.0	102.7	97.0	91.2	84.9	75.4	65.9	57.5	50.0
65°	144.6	136.0	128.1	118.6	110.3	103.2	96.1	85.4	74.5	64.7	56.1
62.5°	165.3	153.9	144.0	133.7	123.7	114.9	106.9	94.7	82.8	71.6	61.9
60°	186.7	173.2	159.7	147.9	136.6	126.0	116.0	103.7	90.8	78.2	67.3
57.5°	208.9	192.7	177.3	162.5	149.3	137.1	124.8	112.0	98.5	84.9	72.2
55°	231.2	212.9	194.8	177.9	162.3	148.3	133.8	120.0	105.9	91.4	76.1
52.5°	255.2	233.7	213.3	193.6	175.7	159.3	143.5	127.7	113.0	97.7	80.4
50°	280.6	255.8	232.5	210.4	189.0	170.7	153.0	136.2	119.9	103.8	84.4
47.5°	307.3	279.2	252.7	227.4	204.2	181.8	162.9	144.6	126.6	109.7	88.0
45°	336.6	303.3	273.4	245.6	218.6	194.4	172.6	152.7	133.8	114.0	91.3
42.5°	366.2	329.3	294.9	263.2	234.4	207.1	182.0	161.0	140.8	117.9	94.5
40°	400.2	355.9	316.6	282.3	250.0	219.3	192.8	169.1	147.3	121.8	97.6
37.5°	433.4	384.5	340.2	300.4	265.4	232.9	203.2	176.8	152.4	126.1	100.4
35°	472.6	414.0	362.7	319.6	281.2	246.0	213.0	184.6	158.0	130.2	103.0
32.5°	510.6	444.0	388.0	339.2	296.2	258.3	223.4	192.6	163.7	134.0	105.2
30°	552.3	476.7	411.9	357.6	311.1	271.0	233.8	200.2	169.5	137.7	107.3
27.5°	592.5	506.8	435.1	377.0	326.7	282.9	243.5	207.3	175.3	141.5	110.0
25°	632.2	539.3	460.7	395.6	341.2	293.7	252.4	213.9	181.0	145.8	112.3
22.5°	675.4	570.9	483.7	412.3	354.2	303.6	260.9	221.2	186.2	149.9	114.4
20°	715.0	599.3	504.3	428.2	367.2	314.2	268.9	227.7	190.9	153.7	116.2
17.5°	752.5	628.2	527.3	445.5	379.4	323.6	275.9	233.4	195.0	157.2	117.6
15°	791.7	656.9	548.0	460.4	390.0	331.7	281.9	238.3	198.6	160.4	119.0
12.5°	825.2	681.2	565.4	473.0	398.9	338.5	286.9	242.4	201.6	163.1	120.2
10°	852.9	700.9	579.4	483.2	406.1	344.0	290.9	245.7	204.1	165.2	120.9
7.5°	874.4	716.0	590.0	490.9	411.6	348.2	294.2	248.2	206.0	166.7	121.0
5°	889.4	726.5	597.8	496.3	415.8	351.3	296.6	249.9	207.3	167.5	120.7
2.5°	897.3	732.5	602.5	499.1	418.1	352.9	297.9	250.8	208.0	167.6	119.9
0°	898.5	733.6	603.9	499.5	418.7	353.2	298.2	250.7	207.9	167.0	118.6
-2.5°	897.3	732.5	602.5	499.1	418.1	352.9	297.9	250.8	208.0	167.6	119.9
-5°	889.4	726.5	597.8	496.3	415.8	351.3	296.6	249.9	207.3	167.5	120.7
-7.5°	874.4	716.0	590.0	490.9	411.6	348.2	294.2	248.2	206.0	166.7	121.0
-10°	852.9	700.9	579.4	483.2	406.1	344.0	290.9	245.7	204.1	165.2	120.9
-12.5°	825.2	681.2	565.4	473.0	398.9	338.5	286.9	242.4	201.6	163.1	120.2
-15°	791.7	656.9	548.0	460.4	390.0	331.7	281.9	238.3	198.6	160.4	119.0
-17.5°	752.5	628.2	527.3	445.5	379.4	323.6	275.9	233.4	195.0	157.2	117.6
-20°	715.0	599.3	504.3	428.2	367.2	314.2	268.9	227.7	190.9	153.7	116.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626763 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	675.4	570.9	483.7	412.3	354.2	303.6	260.9	221.2	186.2	149.9	114.4
-25°	632.2	539.3	460.7	395.6	341.2	293.7	252.4	213.9	181.0	145.8	112.3
-27.5°	592.5	506.8	435.1	377.0	326.7	282.9	243.5	207.3	175.3	141.5	110.0
-30°	552.3	476.7	411.9	357.6	311.1	271.0	233.8	200.2	169.5	137.7	107.3
-32.5°	510.6	444.0	388.0	339.2	296.2	258.3	223.4	192.6	163.7	134.0	105.2
-35°	472.6	414.0	362.7	319.6	281.2	246.0	213.0	184.6	158.0	130.2	103.0
-37.5°	433.4	384.5	340.2	300.4	265.4	232.9	203.2	176.8	152.4	126.1	100.4
-40°	400.2	355.9	316.6	282.3	250.0	219.3	192.8	169.1	147.3	121.8	97.6
-42.5°	366.2	329.3	294.9	263.2	234.4	207.1	182.0	161.0	140.8	117.9	94.5
-45°	336.6	303.3	273.4	245.6	218.6	194.4	172.6	152.7	133.8	114.0	91.3
-47.5°	307.3	279.2	252.7	227.4	204.2	181.8	162.9	144.6	126.6	109.7	88.0
-50°	280.6	255.8	232.5	210.4	189.0	170.7	153.0	136.2	119.9	103.8	84.4
-52.5°	255.2	233.7	213.3	193.6	175.7	159.3	143.5	127.7	113.0	97.7	80.4
-55°	231.2	212.9	194.8	177.9	162.3	148.3	133.8	120.0	105.9	91.4	76.1
-57.5°	208.9	192.7	177.3	162.5	149.3	137.1	124.8	112.0	98.5	84.9	72.2
-60°	186.7	173.2	159.7	147.9	136.6	126.0	116.0	103.7	90.8	78.2	67.3
-62.5°	165.3	153.9	144.0	133.7	123.7	114.9	106.9	94.7	82.8	71.6	61.9
-65°	144.6	136.0	128.1	118.6	110.3	103.2	96.1	85.4	74.5	64.7	56.1
-67.5°	123.9	117.0	110.0	102.7	97.0	91.2	84.9	75.4	65.9	57.5	50.0
-70°	102.7	97.1	92.8	88.8	84.1	79.0	72.8	64.9	57.0	50.2	43.8
-72.5°	82.4	79.8	77.8	75.2	71.0	66.1	60.5	54.3	48.3	42.7	37.5
-75°	63.0	63.2	63.1	61.5	57.6	53.3	48.9	44.2	39.5	35.1	30.8
-77.5°	48.0	48.6	48.8	47.9	44.8	41.4	37.8	34.0	30.8	27.5	23.9
-80°	34.1	34.9	35.1	34.5	32.1	29.5	27.2	24.9	22.6	20.0	17.1
-82.5°	21.3	21.9	22.2	22.1	20.7	19.3	17.8	16.1	14.4	12.4	11.3
-85°	10.7	10.9	10.9	10.6	9.9	9.1	9.1	9.0	8.6	8.1	7.5
-87.5°	3.6	3.9	4.2	4.4	4.5	4.6	4.6	4.5	4.3	4.1	3.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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REPORT NUMBER: P626763 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-750-U-WR-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°	3.4	2.6	2.0	1.4	0.8	0.4	0.0
85°	6.8	5.3	3.9	2.7	1.7	0.7	0.0
82.5°	10.1	7.9	5.9	4.1	2.5	1.1	0.0
80°	13.7	10.5	7.8	5.4	3.3	1.4	0.0
77.5°	19.6	13.6	9.7	6.7	4.1	1.8	0.0
75°	25.3	17.8	11.8	8.0	4.9	2.1	0.0
72.5°	30.9	21.9	14.6	9.3	5.7	2.5	0.0
70°	36.1	25.8	17.3	10.6	6.5	2.8	0.0
67.5°	40.6	29.5	19.9	12.3	7.2	3.2	0.0
65°	45.0	32.9	22.3	13.9	7.9	3.5	0.0
62.5°	49.1	36.1	24.7	15.4	8.6	3.8	0.0
60°	52.9	39.0	26.8	16.8	9.3	4.1	0.0
57.5°	56.4	41.8	28.8	18.1	10.1	4.4	0.0
55°	59.6	44.3	30.7	19.3	10.8	4.7	0.0
52.5°	62.5	46.6	32.4	20.4	11.6	4.9	0.0
50°	65.1	48.7	34.0	21.4	12.3	5.2	0.0
47.5°	67.6	50.6	35.4	22.4	13.0	5.4	0.0
45°	70.4	52.3	36.6	23.3	13.6	5.6	0.0
42.5°	72.8	53.8	37.7	24.1	14.2	5.9	0.0
40°	75.0	55.0	38.7	25.0	14.8	6.1	0.0
37.5°	76.9	56.0	39.5	25.9	15.3	6.2	0.0
35°	78.4	57.2	40.2	26.7	15.8	6.4	0.0
32.5°	79.8	58.3	40.7	27.4	16.2	6.6	0.0
30°	81.4	59.1	41.1	28.1	16.7	6.7	0.0
27.5°	82.7	59.7	42.0	28.7	17.0	6.8	0.0
25°	83.6	60.1	42.8	29.2	17.3	6.9	0.0
22.5°	84.4	60.6	43.6	29.7	17.6	7.0	0.0
20°	84.8	61.7	44.2	30.1	17.9	7.1	0.0
17.5°	85.7	62.6	44.8	30.4	18.1	7.1	0.0
15°	86.9	63.3	45.2	30.6	18.2	7.2	0.0
12.5°	87.7	63.8	45.5	30.7	18.3	7.2	0.0
10°	88.2	64.1	45.7	30.8	18.4	7.2	0.0
7.5°	88.4	64.3	45.8	30.8	18.4	7.2	0.0
5°	88.3	64.2	45.8	30.7	18.4	7.2	0.0
2.5°	88.0	64.0	45.7	30.5	18.3	7.1	0.0
0°	87.3	63.6	45.4	30.3	18.2	7.1	0.0
-2.5°	88.0	64.0	45.7	30.5	18.3	7.1	0.0
-5°	88.3	64.2	45.8	30.7	18.4	7.2	0.0
-7.5°	88.4	64.3	45.8	30.8	18.4	7.2	0.0
-10°	88.2	64.1	45.7	30.8	18.4	7.2	0.0
-12.5°	87.7	63.8	45.5	30.7	18.3	7.2	0.0
-15°	86.9	63.3	45.2	30.6	18.2	7.2	0.0
-17.5°	85.7	62.6	44.8	30.4	18.1	7.1	0.0
-20°	84.8	61.7	44.2	30.1	17.9	7.1	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	84.4	60.6	43.6	29.7	17.6	7.0	0.0
-25°	83.6	60.1	42.8	29.2	17.3	6.9	0.0
-27.5°	82.7	59.7	42.0	28.7	17.0	6.8	0.0
-30°	81.4	59.1	41.1	28.1	16.7	6.7	0.0
-32.5°	79.8	58.3	40.7	27.4	16.2	6.6	0.0
-35°	78.4	57.2	40.2	26.7	15.8	6.4	0.0
-37.5°	76.9	56.0	39.5	25.9	15.3	6.2	0.0
-40°	75.0	55.0	38.7	25.0	14.8	6.1	0.0
-42.5°	72.8	53.8	37.7	24.1	14.2	5.9	0.0
-45°	70.4	52.3	36.6	23.3	13.6	5.6	0.0
-47.5°	67.6	50.6	35.4	22.4	13.0	5.4	0.0
-50°	65.1	48.7	34.0	21.4	12.3	5.2	0.0
-52.5°	62.5	46.6	32.4	20.4	11.6	4.9	0.0
-55°	59.6	44.3	30.7	19.3	10.8	4.7	0.0
-57.5°	56.4	41.8	28.8	18.1	10.1	4.4	0.0
-60°	52.9	39.0	26.8	16.8	9.3	4.1	0.0
-62.5°	49.1	36.1	24.7	15.4	8.6	3.8	0.0
-65°	45.0	32.9	22.3	13.9	7.9	3.5	0.0
-67.5°	40.6	29.5	19.9	12.3	7.2	3.2	0.0
-70°	36.1	25.8	17.3	10.6	6.5	2.8	0.0
-72.5°	30.9	21.9	14.6	9.3	5.7	2.5	0.0
-75°	25.3	17.8	11.8	8.0	4.9	2.1	0.0
-77.5°	19.6	13.6	9.7	6.7	4.1	1.8	0.0
-80°	13.7	10.5	7.8	5.4	3.3	1.4	0.0
-82.5°	10.1	7.9	5.9	4.1	2.5	1.1	0.0
-85°	6.8	5.3	3.9	2.7	1.7	0.7	0.0
-87.5°	3.4	2.6	2.0	1.4	0.8	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)