

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: P626697 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-750-U-MWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626697 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1C-750-U-MWR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N32  
Light Source: (16) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

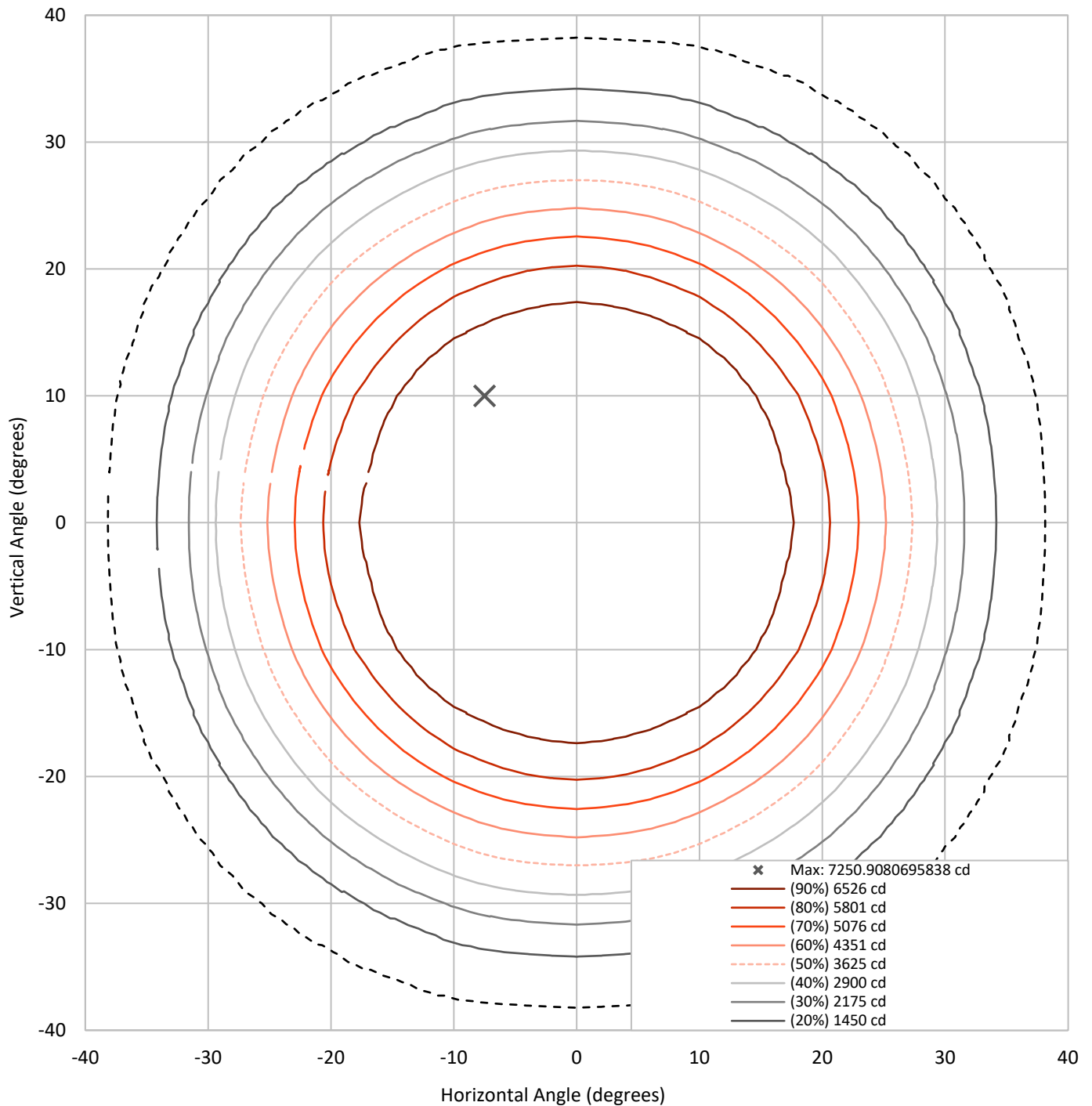
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	6171.2 lumens	Max Intensity:	7250.9 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	141.9 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	4096.1 lumens	Field Lumens:	5326.1 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	43.5		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





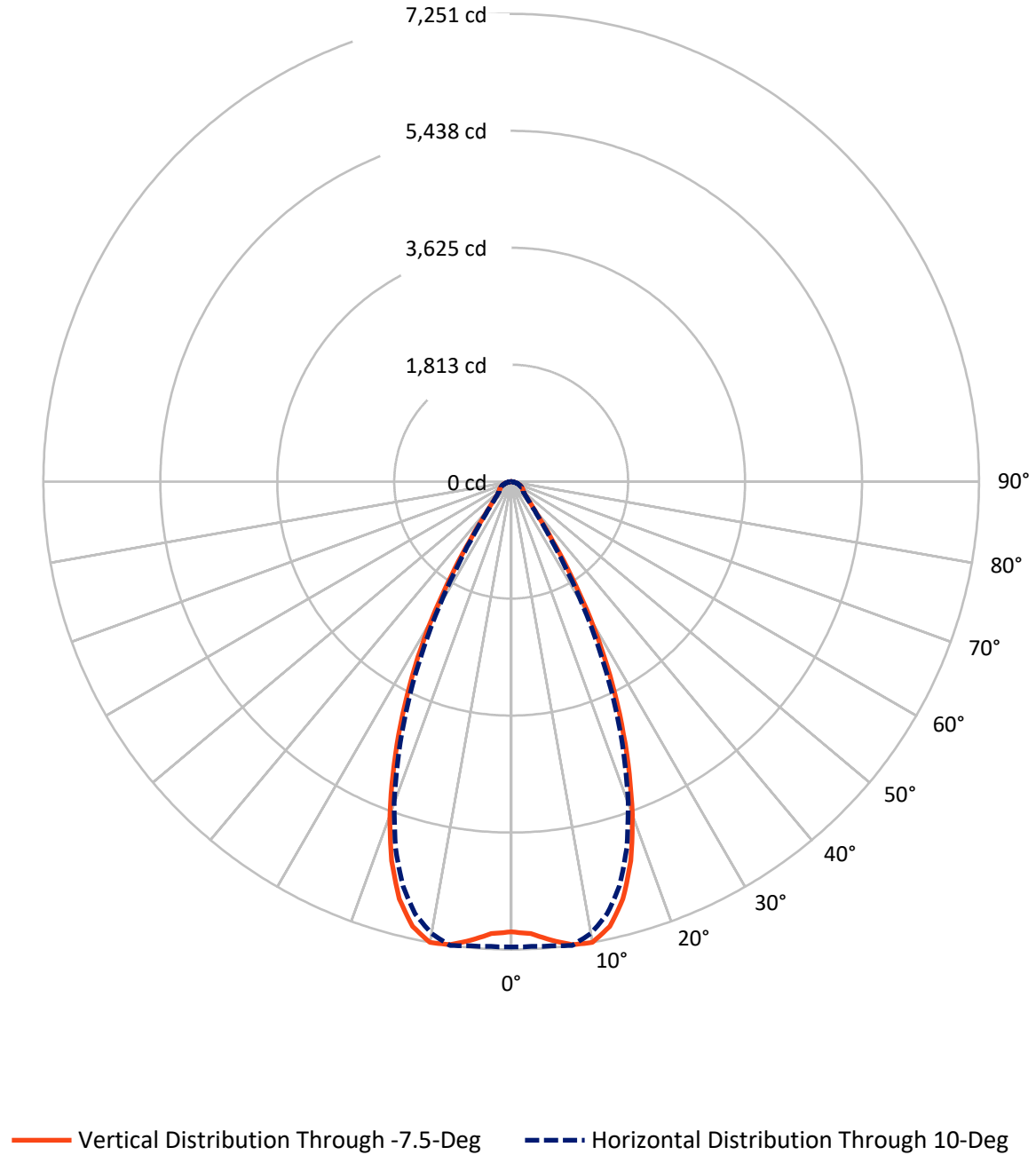
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### Lumen Table

90	0.2	1.4	3.9	6.1	6.8	6.1	3.9	1.4	0.2							
80	0.2	1.4	3.9	6.1	6.8	6.1	3.9	1.4	0.2							
70	0.7	0.7	1.5	2.5	3.5	4.2	4.7	5.0	5.0	4.7	4.2	3.5	2.5	1.5	0.7	0.7
60		1.1	2.2	3.6	4.8	5.8	6.4	6.7	6.7	6.4	5.8	4.8	3.6	2.2	1.1	
50	1.2	1.4	2.8	4.3	5.8	7.5	9.5	10.9	10.9	9.5	7.5	5.8	4.3	2.8	1.4	1.2
40		1.7	3.3	5.0	7.7	14.0	26.8	39.8	39.8	26.8	14.0	7.7	5.0	3.3	1.7	
30	1.5	1.9	3.6	5.8	12.6	39.6	88.9	124.1	124.1	88.9	39.6	12.6	5.8	3.6	1.9	1.5
20		2.0	3.8	6.9	22.8	84.5	161.3	201.9	201.9	161.3	84.5	22.8	6.9	3.8	2.0	
10	1.6	2.1	3.9	7.8	32.9	115.6	195.7	212.9	212.9	195.7	115.6	32.9	7.8	3.9	2.1	1.6
0		2.1	3.9	7.8	32.9	115.6	195.7	212.9	212.9	195.7	115.6	32.9	7.8	3.9	2.1	
-10	1.5	2.0	3.8	6.9	22.8	84.5	161.3	201.9	201.9	161.3	84.5	22.8	6.9	3.8	2.0	1.5
-20		1.9	3.6	5.8	12.6	39.6	88.9	124.1	124.1	88.9	39.6	12.6	5.8	3.6	1.9	
-30	1.2	1.7	3.3	5.0	7.7	14.0	26.8	39.8	39.8	26.8	14.0	7.7	5.0	3.3	1.7	1.2
-40		1.4	2.8	4.3	5.8	7.5	9.5	10.9	10.9	9.5	7.5	5.8	4.3	2.8	1.4	
-50	0.7	1.1	2.2	3.6	4.8	5.8	6.4	6.7	6.7	6.4	5.8	4.8	3.6	2.2	1.1	0.7
-60		0.7	1.5	2.5	3.5	4.2	4.7	5.0	5.0	4.7	4.2	3.5	2.5	1.5	0.7	
-70	0.2	1.4	3.9	6.1	6.8	6.1	3.9	1.4	0.2							
-80		0.2	1.4	3.9	6.1	6.8	6.1	3.9	1.4	0.2						
-90	0.2	1.4	3.9	6.1	6.8	6.1	3.9	1.4	0.2							

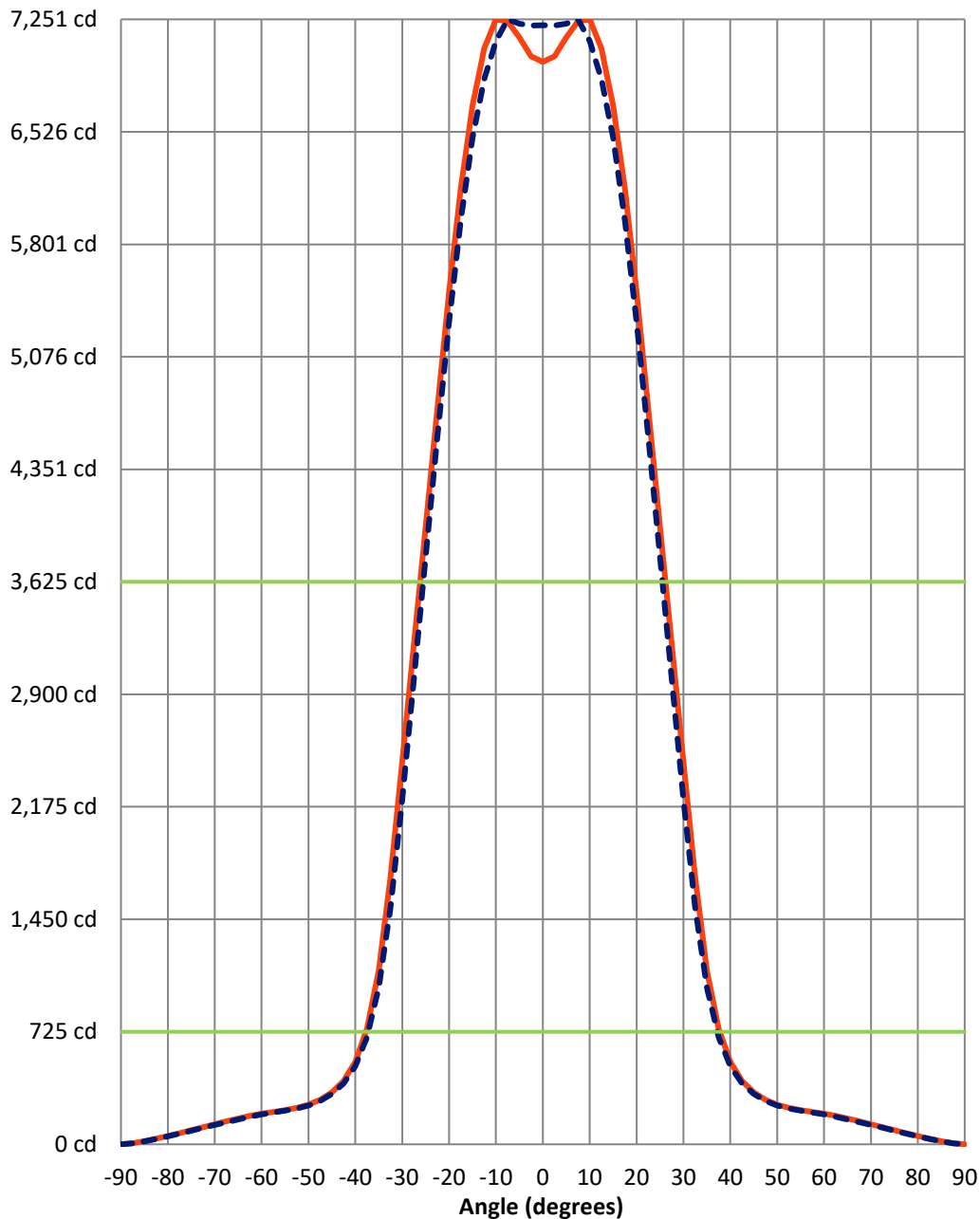
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 52.3°  
 Lumens: 4096.1  
 Efficiency: 66.4%

**Field:**  
 H Angle: 74.5°  
 V Angle: 75.5°  
 Lumens: 5326.1  
 Efficiency: 86.3%

**Spill:**  
 Lumens: 845.1  
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg  
 - - Horizontal Distribution through 10-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	0.3	0.5	0.8	1.1	1.4	1.6	2.0	2.4	2.8	3.2
85°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	4.0	4.7	5.6	6.4
82.5°	0.0	0.8	1.6	2.5	3.3	4.1	4.9	5.9	7.2	9.1	10.9
80°	0.0	1.1	2.2	3.3	4.4	5.4	6.7	9.3	11.8	14.1	16.3
77.5°	0.0	1.4	2.7	4.1	5.4	7.3	10.3	13.3	16.3	19.0	21.9
75°	0.0	1.6	3.3	4.9	6.7	10.3	13.8	17.4	20.8	24.8	28.7
72.5°	0.0	1.9	3.8	5.7	9.1	13.2	17.3	21.5	26.3	30.9	35.5
70°	0.0	2.2	4.3	6.6	11.4	16.1	20.8	26.3	31.6	36.9	42.5
67.5°	0.0	2.4	4.8	8.3	13.6	18.9	24.8	30.9	36.9	43.2	49.5
65°	0.0	2.7	5.3	10.0	15.9	21.9	28.7	35.5	42.3	49.3	56.6
62.5°	0.0	2.9	5.8	11.6	18.1	25.0	32.4	40.0	47.5	55.4	64.3
60°	0.0	3.1	6.3	13.3	20.2	28.0	36.1	44.4	52.6	62.0	71.7
57.5°	0.0	3.4	7.3	14.8	22.5	31.0	39.8	48.7	58.1	68.4	78.7
55°	0.0	3.6	8.3	16.3	24.8	33.8	43.4	52.8	63.6	74.6	85.5
52.5°	0.0	3.8	9.3	17.8	27.0	36.6	47.0	57.4	68.9	80.5	92.0
50°	0.0	4.0	10.2	19.3	29.1	39.5	50.4	61.9	74.0	86.3	98.4
47.5°	0.0	4.3	11.1	20.7	31.1	42.3	53.8	66.2	78.9	91.8	104.5
45°	0.0	4.5	11.9	22.1	33.0	45.0	57.3	70.3	83.6	97.1	110.4
42.5°	0.0	4.6	12.7	23.5	34.8	47.6	60.7	74.3	88.1	102.1	115.9
40°	0.0	4.8	13.5	24.7	36.7	50.1	63.9	78.0	92.4	106.9	121.3
37.5°	0.0	5.0	14.2	25.9	38.6	52.5	66.8	81.4	96.5	111.6	126.4
35°	0.0	5.2	14.9	27.0	40.4	54.8	69.7	84.7	100.4	116.0	131.2
32.5°	0.0	5.3	15.5	28.1	42.1	57.0	72.3	87.7	104.2	120.0	135.4
30°	0.0	5.5	16.1	29.1	43.7	59.1	74.7	90.6	107.7	123.8	139.4
27.5°	0.0	5.6	16.6	29.9	45.1	61.0	76.9	93.4	110.9	127.2	143.0
25°	0.0	5.7	17.1	30.8	46.4	62.7	78.9	96.0	113.7	130.2	146.4
22.5°	0.0	5.8	17.5	31.5	47.5	64.2	80.7	98.4	116.2	132.9	149.4
20°	0.0	5.9	17.9	32.1	48.6	65.5	82.3	100.5	118.4	135.3	152.1
17.5°	0.0	6.0	18.2	32.7	49.5	66.6	83.7	102.4	120.3	137.4	154.4
15°	0.0	6.1	18.4	33.2	50.2	67.6	85.0	104.1	121.9	139.2	156.5
12.5°	0.0	6.2	18.7	33.6	50.9	68.4	86.2	105.6	123.4	140.7	158.1
10°	0.0	6.2	18.8	33.9	51.4	69.0	87.1	106.9	124.6	142.1	159.5
7.5°	0.0	6.2	18.9	34.1	51.7	69.5	87.8	107.8	125.6	143.3	160.8
5°	0.0	6.3	19.0	34.3	52.0	69.7	88.4	108.5	126.3	144.1	161.7
2.5°	0.0	6.3	19.0	34.3	52.0	69.9	88.7	109.0	126.8	144.5	162.2
0°	0.0	6.3	19.0	34.3	52.0	69.8	88.8	109.1	126.9	144.7	162.4
-2.5°	0.0	6.3	19.0	34.3	52.0	69.9	88.7	109.0	126.8	144.5	162.2
-5°	0.0	6.3	19.0	34.3	52.0	69.7	88.4	108.5	126.3	144.1	161.7
-7.5°	0.0	6.2	18.9	34.1	51.7	69.5	87.8	107.8	125.6	143.3	160.8
-10°	0.0	6.2	18.8	33.9	51.4	69.0	87.1	106.9	124.6	142.1	159.5
-12.5°	0.0	6.2	18.7	33.6	50.9	68.4	86.2	105.6	123.4	140.7	158.1
-15°	0.0	6.1	18.4	33.2	50.2	67.6	85.0	104.1	121.9	139.2	156.5
-17.5°	0.0	6.0	18.2	32.7	49.5	66.6	83.7	102.4	120.3	137.4	154.4
-20°	0.0	5.9	17.9	32.1	48.6	65.5	82.3	100.5	118.4	135.3	152.1

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REPORT NUMBER: P626697 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	5.8	17.5	31.5	47.5	64.2	80.7	98.4	116.2	132.9	149.4
-25°	0.0	5.7	17.1	30.8	46.4	62.7	78.9	96.0	113.7	130.2	146.4
-27.5°	0.0	5.6	16.6	29.9	45.1	61.0	76.9	93.4	110.9	127.2	143.0
-30°	0.0	5.5	16.1	29.1	43.7	59.1	74.7	90.6	107.7	123.8	139.4
-32.5°	0.0	5.3	15.5	28.1	42.1	57.0	72.3	87.7	104.2	120.0	135.4
-35°	0.0	5.2	14.9	27.0	40.4	54.8	69.7	84.7	100.4	116.0	131.2
-37.5°	0.0	5.0	14.2	25.9	38.6	52.5	66.8	81.4	96.5	111.6	126.4
-40°	0.0	4.8	13.5	24.7	36.7	50.1	63.9	78.0	92.4	106.9	121.3
-42.5°	0.0	4.6	12.7	23.5	34.8	47.6	60.7	74.3	88.1	102.1	115.9
-45°	0.0	4.5	11.9	22.1	33.0	45.0	57.3	70.3	83.6	97.1	110.4
-47.5°	0.0	4.3	11.1	20.7	31.1	42.3	53.8	66.2	78.9	91.8	104.5
-50°	0.0	4.0	10.2	19.3	29.1	39.5	50.4	61.9	74.0	86.3	98.4
-52.5°	0.0	3.8	9.3	17.8	27.0	36.6	47.0	57.4	68.9	80.5	92.0
-55°	0.0	3.6	8.3	16.3	24.8	33.8	43.4	52.8	63.6	74.6	85.5
-57.5°	0.0	3.4	7.3	14.8	22.5	31.0	39.8	48.7	58.1	68.4	78.7
-60°	0.0	3.1	6.3	13.3	20.2	28.0	36.1	44.4	52.6	62.0	71.7
-62.5°	0.0	2.9	5.8	11.6	18.1	25.0	32.4	40.0	47.5	55.4	64.3
-65°	0.0	2.7	5.3	10.0	15.9	21.9	28.7	35.5	42.3	49.3	56.6
-67.5°	0.0	2.4	4.8	8.3	13.6	18.9	24.8	30.9	36.9	43.2	49.5
-70°	0.0	2.2	4.3	6.6	11.4	16.1	20.8	26.3	31.6	36.9	42.5
-72.5°	0.0	1.9	3.8	5.7	9.1	13.2	17.3	21.5	26.3	30.9	35.5
-75°	0.0	1.6	3.3	4.9	6.7	10.3	13.8	17.4	20.8	24.8	28.7
-77.5°	0.0	1.4	2.7	4.1	5.4	7.3	10.3	13.3	16.3	19.0	21.9
-80°	0.0	1.1	2.2	3.3	4.4	5.4	6.7	9.3	11.8	14.1	16.3
-82.5°	0.0	0.8	1.6	2.5	3.3	4.1	4.9	5.9	7.2	9.1	10.9
-85°	0.0	0.5	1.1	1.6	2.2	2.7	3.3	4.0	4.7	5.6	6.4
-87.5°	0.0	0.3	0.5	0.8	1.1	1.4	1.6	2.0	2.4	2.8	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





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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°	3.5	3.8	4.1	4.4	4.6	4.9	5.1	5.4	5.6	5.8	6.0
85°	7.0	7.6	8.6	9.6	10.6	11.6	12.5	13.4	14.2	15.0	15.8
82.5°	12.6	14.2	15.9	17.6	19.1	20.6	22.0	23.4	24.8	26.3	27.7
80°	18.5	20.8	23.4	25.9	28.1	30.2	32.2	34.1	36.2	38.4	40.7
77.5°	25.3	28.6	31.7	34.5	37.3	40.3	43.3	46.1	49.0	51.9	54.6
75°	32.7	36.4	40.3	44.2	47.9	51.6	55.1	58.7	62.4	66.0	69.5
72.5°	40.2	45.0	49.6	54.1	58.8	63.3	67.7	71.9	76.3	80.7	85.0
70°	48.1	53.5	59.2	64.7	69.9	75.2	80.6	85.7	90.8	96.0	101.1
67.5°	56.0	62.8	69.2	75.3	81.5	87.7	93.8	99.9	105.9	111.9	117.6
65°	64.8	72.2	79.2	86.1	93.2	100.5	107.6	114.5	121.5	128.1	134.1
62.5°	73.3	81.2	88.9	96.9	105.2	113.5	121.3	129.2	137.2	144.2	150.3
60°	81.2	89.9	98.6	107.6	116.9	125.8	134.5	143.1	151.7	159.8	164.8
57.5°	88.7	98.4	108.0	117.8	127.6	137.4	146.6	156.0	164.1	170.9	176.7
55°	96.1	106.6	116.9	127.1	137.7	148.0	158.0	166.9	174.8	180.5	186.0
52.5°	103.3	114.4	125.0	136.1	147.2	158.2	168.6	176.9	183.4	189.2	194.4
50°	110.3	121.6	132.8	144.8	156.6	168.1	177.9	185.2	191.8	197.5	202.9
47.5°	116.8	128.6	140.5	153.2	165.6	176.8	185.8	193.5	200.2	206.2	212.7
45°	123.1	135.6	148.2	161.3	174.0	184.8	193.5	201.7	208.0	214.9	222.2
42.5°	129.3	142.3	155.6	169.1	181.9	192.0	200.7	208.2	215.6	223.7	232.6
40°	135.1	148.7	162.6	176.6	189.3	198.3	206.8	214.8	223.7	233.4	243.7
37.5°	140.5	154.7	169.1	183.6	194.8	204.1	212.8	221.6	232.0	243.2	257.3
35°	145.6	160.3	175.1	189.0	199.7	209.5	218.5	228.4	240.6	255.2	273.3
32.5°	150.4	165.4	180.7	193.5	204.3	214.4	223.7	236.0	250.6	268.1	293.6
30°	154.7	170.1	185.4	197.8	208.3	218.5	229.8	243.7	260.8	286.3	318.9
27.5°	158.8	174.4	189.2	201.5	212.0	222.5	235.7	252.6	275.1	305.5	346.1
25°	162.5	178.5	192.8	204.5	215.4	227.0	241.4	260.4	289.9	329.2	384.0
22.5°	165.8	182.1	196.2	207.1	218.6	231.2	247.9	271.7	305.8	351.6	422.3
20°	168.8	184.9	198.8	209.6	221.5	234.6	253.7	282.4	323.5	382.9	473.1
17.5°	171.4	187.4	200.7	212.0	224.3	238.5	259.4	291.7	339.3	410.2	524.5
15°	173.7	189.5	202.3	214.0	226.8	242.9	267.3	303.8	357.6	438.5	569.3
12.5°	175.5	191.2	203.6	215.6	228.8	246.7	274.0	315.3	376.5	473.4	635.2
10°	177.0	192.5	204.6	216.9	230.4	249.6	279.5	324.6	392.3	503.6	691.5
7.5°	178.4	193.5	205.3	217.8	231.6	251.9	283.6	331.8	404.3	527.3	736.0
5°	179.4	194.2	205.7	218.4	232.5	253.3	286.5	336.8	412.7	544.2	767.4
2.5°	180.0	194.4	205.8	218.5	233.3	254.0	288.0	339.6	419.3	552.3	784.2
0°	180.2	194.2	205.6	218.3	233.5	253.8	288.1	340.1	422.6	552.0	786.8
-2.5°	180.0	194.4	205.8	218.5	233.3	254.0	288.0	339.6	419.3	552.3	784.2
-5°	179.4	194.2	205.7	218.4	232.5	253.3	286.5	336.8	412.7	544.2	767.4
-7.5°	178.4	193.5	205.3	217.8	231.6	251.9	283.6	331.8	404.3	527.3	736.0
-10°	177.0	192.5	204.6	216.9	230.4	249.6	279.5	324.6	392.3	503.6	691.5
-12.5°	175.5	191.2	203.6	215.6	228.8	246.7	274.0	315.3	376.5	473.4	635.2
-15°	173.7	189.5	202.3	214.0	226.8	242.9	267.3	303.8	357.6	438.5	569.3
-17.5°	171.4	187.4	200.7	212.0	224.3	238.5	259.4	291.7	339.3	410.2	524.5
-20°	168.8	184.9	198.8	209.6	221.5	234.6	253.7	282.4	323.5	382.9	473.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626697 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	165.8	182.1	196.2	207.1	218.6	231.2	247.9	271.7	305.8	351.6	422.3
-25°	162.5	178.5	192.8	204.5	215.4	227.0	241.4	260.4	289.9	329.2	384.0
-27.5°	158.8	174.4	189.2	201.5	212.0	222.5	235.7	252.6	275.1	305.5	346.1
-30°	154.7	170.1	185.4	197.8	208.3	218.5	229.8	243.7	260.8	286.3	318.9
-32.5°	150.4	165.4	180.7	193.5	204.3	214.4	223.7	236.0	250.6	268.1	293.6
-35°	145.6	160.3	175.1	189.0	199.7	209.5	218.5	228.4	240.6	255.2	273.3
-37.5°	140.5	154.7	169.1	183.6	194.8	204.1	212.8	221.6	232.0	243.2	257.3
-40°	135.1	148.7	162.6	176.6	189.3	198.3	206.8	214.8	223.7	233.4	243.7
-42.5°	129.3	142.3	155.6	169.1	181.9	192.0	200.7	208.2	215.6	223.7	232.6
-45°	123.1	135.6	148.2	161.3	174.0	184.8	193.5	201.7	208.0	214.9	222.2
-47.5°	116.8	128.6	140.5	153.2	165.6	176.8	185.8	193.5	200.2	206.2	212.7
-50°	110.3	121.6	132.8	144.8	156.6	168.1	177.9	185.2	191.8	197.5	202.9
-52.5°	103.3	114.4	125.0	136.1	147.2	158.2	168.6	176.9	183.4	189.2	194.4
-55°	96.1	106.6	116.9	127.1	137.7	148.0	158.0	166.9	174.8	180.5	186.0
-57.5°	88.7	98.4	108.0	117.8	127.6	137.4	146.6	156.0	164.1	170.9	176.7
-60°	81.2	89.9	98.6	107.6	116.9	125.8	134.5	143.1	151.7	159.8	164.8
-62.5°	73.3	81.2	88.9	96.9	105.2	113.5	121.3	129.2	137.2	144.2	150.3
-65°	64.8	72.2	79.2	86.1	93.2	100.5	107.6	114.5	121.5	128.1	134.1
-67.5°	56.0	62.8	69.2	75.3	81.5	87.7	93.8	99.9	105.9	111.9	117.6
-70°	48.1	53.5	59.2	64.7	69.9	75.2	80.6	85.7	90.8	96.0	101.1
-72.5°	40.2	45.0	49.6	54.1	58.8	63.3	67.7	71.9	76.3	80.7	85.0
-75°	32.7	36.4	40.3	44.2	47.9	51.6	55.1	58.7	62.4	66.0	69.5
-77.5°	25.3	28.6	31.7	34.5	37.3	40.3	43.3	46.1	49.0	51.9	54.6
-80°	18.5	20.8	23.4	25.9	28.1	30.2	32.2	34.1	36.2	38.4	40.7
-82.5°	12.6	14.2	15.9	17.6	19.1	20.6	22.0	23.4	24.8	26.3	27.7
-85°	7.0	7.6	8.6	9.6	10.6	11.6	12.5	13.4	14.2	15.0	15.8
-87.5°	3.5	3.8	4.1	4.4	4.6	4.9	5.1	5.4	5.6	5.8	6.0
-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: P626697 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-U-MWR-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°	6.2	6.1	6.0	5.9	5.7	6.1	6.5	6.9	7.3	7.1	6.8
85°	16.5	16.9	17.2	17.5	17.7	18.5	19.2	20.0	20.6	20.6	20.5
82.5°	29.1	30.0	30.8	31.5	32.2	33.1	33.9	34.6	35.2	35.7	36.1
80°	42.8	44.4	45.7	46.8	47.9	49.1	50.3	51.3	52.2	52.6	52.9
77.5°	57.3	59.6	61.6	63.5	65.3	67.1	68.7	70.1	71.4	71.7	71.6
75°	72.8	75.8	78.6	81.2	83.6	85.6	87.3	88.8	90.0	90.6	90.9
72.5°	89.0	92.7	96.0	98.9	101.5	103.6	105.4	107.0	108.3	109.2	109.7
70°	105.9	110.2	113.6	116.4	118.6	120.7	123.1	125.3	127.4	128.6	129.0
67.5°	122.8	127.3	130.5	133.0	135.0	137.1	140.1	142.7	145.1	146.7	147.7
65°	139.5	144.2	147.3	149.8	151.6	153.6	157.0	159.6	161.7	163.3	164.7
62.5°	155.9	160.7	164.2	167.0	169.7	171.9	174.7	176.9	178.7	180.3	182.1
60°	170.1	175.8	179.4	182.3	185.6	189.2	191.2	192.9	194.4	195.6	196.8
57.5°	181.7	186.8	191.4	194.9	198.4	201.7	204.1	205.7	206.9	207.9	208.3
55°	191.4	196.6	201.8	205.7	209.1	212.2	214.8	216.8	218.5	219.8	220.2
52.5°	200.1	206.0	211.1	215.6	220.0	223.6	226.5	229.3	231.7	233.7	234.5
50°	209.6	215.8	222.2	228.1	232.8	237.0	240.5	244.4	248.5	251.9	254.1
47.5°	219.6	226.7	234.4	241.7	247.3	253.5	259.2	265.0	272.7	279.2	284.0
45°	230.0	239.1	247.9	257.1	264.9	276.5	287.4	296.7	309.0	320.2	329.1
42.5°	242.3	253.6	264.4	279.2	294.7	310.6	327.8	342.5	361.8	381.5	397.3
40°	256.9	271.3	290.3	310.2	334.7	356.6	386.3	412.7	442.3	479.8	510.7
37.5°	274.4	296.7	323.1	350.8	389.0	425.4	474.5	526.2	573.1	645.2	705.8
35°	297.2	328.3	363.2	412.1	466.1	534.4	610.9	710.9	796.5	918.1	1034.3
32.5°	326.6	366.6	423.4	499.1	578.8	702.8	824.3	997.8	1158.4	1351.1	1559.0
30°	359.4	420.2	506.9	610.7	759.5	941.8	1156.0	1422.5	1714.2	1985.0	2251.8
27.5°	406.7	493.9	607.8	775.3	1007.2	1262.3	1637.6	1999.3	2376.8	2712.2	2992.0
25°	462.0	577.2	753.5	1000.0	1313.7	1750.5	2199.8	2646.2	3052.1	3403.3	3712.4
22.5°	533.5	699.1	934.1	1253.5	1741.8	2265.4	2792.3	3284.7	3717.6	4108.7	4443.3
20°	611.2	818.4	1154.0	1630.2	2188.8	2785.3	3380.1	3904.6	4381.3	4824.8	5201.9
17.5°	709.6	999.9	1424.9	1996.2	2641.9	3295.5	3920.4	4489.6	5030.4	5499.7	5893.7
15°	793.5	1159.7	1714.4	2384.4	3082.9	3772.2	4432.0	5050.3	5612.6	6094.1	6464.5
12.5°	905.5	1338.9	1971.4	2718.2	3475.0	4200.4	4895.3	5534.4	6106.6	6582.8	6871.2
10°	1011.3	1524.3	2219.9	2998.6	3784.9	4557.8	5299.8	5955.2	6486.5	6865.3	7111.0
7.5°	1101.3	1683.7	2421.9	3225.3	4031.1	4839.1	5590.3	6228.0	6717.8	7034.1	7205.3
5°	1168.5	1802.8	2572.0	3409.5	4236.4	5058.6	5803.8	6402.5	6825.9	7060.8	7146.7
2.5°	1211.3	1872.8	2659.0	3530.3	4373.7	5197.5	5950.3	6539.6	6898.8	7054.6	7069.4
0°	1228.4	1881.9	2672.4	3593.7	4408.4	5237.0	5992.0	6596.0	6926.0	7054.1	7051.6
-2.5°	1211.3	1872.8	2659.0	3530.3	4373.7	5197.5	5950.3	6539.6	6898.8	7054.6	7069.4
-5°	1168.5	1802.8	2572.0	3409.5	4236.4	5058.6	5803.8	6402.5	6825.9	7060.8	7146.7
-7.5°	1101.3	1683.7	2421.9	3225.3	4031.1	4839.1	5590.3	6228.0	6717.8	7034.1	7205.3
-10°	1011.3	1524.3	2219.9	2998.6	3784.9	4557.8	5299.8	5955.2	6486.5	6865.3	7111.0
-12.5°	905.5	1338.9	1971.4	2718.2	3475.0	4200.4	4895.3	5534.4	6106.6	6582.8	6871.2
-15°	793.5	1159.7	1714.4	2384.4	3082.9	3772.2	4432.0	5050.3	5612.6	6094.1	6464.5
-17.5°	709.6	999.9	1424.9	1996.2	2641.9	3295.5	3920.4	4489.6	5030.4	5499.7	5893.7
-20°	611.2	818.4	1154.0	1630.2	2188.8	2785.3	3380.1	3904.6	4381.3	4824.8	5201.9

Classified

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

Scaled Data Report



REPORT NUMBER: P626697 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	533.5	699.1	934.1	1253.5	1741.8	2265.4	2792.3	3284.7	3717.6	4108.7	4443.3
-25°	462.0	577.2	753.5	1000.0	1313.7	1750.5	2199.8	2646.2	3052.1	3403.3	3712.4
-27.5°	406.7	493.9	607.8	775.3	1007.2	1262.3	1637.6	1999.3	2376.8	2712.2	2992.0
-30°	359.4	420.2	506.9	610.7	759.5	941.8	1156.0	1422.5	1714.2	1985.0	2251.8
-32.5°	326.6	366.6	423.4	499.1	578.8	702.8	824.3	997.8	1158.4	1351.1	1559.0
-35°	297.2	328.3	363.2	412.1	466.1	534.4	610.9	710.9	796.5	918.1	1034.3
-37.5°	274.4	296.7	323.1	350.8	389.0	425.4	474.5	526.2	573.1	645.2	705.8
-40°	256.9	271.3	290.3	310.2	334.7	356.6	386.3	412.7	442.3	479.8	510.7
-42.5°	242.3	253.6	264.4	279.2	294.7	310.6	327.8	342.5	361.8	381.5	397.3
-45°	230.0	239.1	247.9	257.1	264.9	276.5	287.4	296.7	309.0	320.2	329.1
-47.5°	219.6	226.7	234.4	241.7	247.3	253.5	259.2	265.0	272.7	279.2	284.0
-50°	209.6	215.8	222.2	228.1	232.8	237.0	240.5	244.4	248.5	251.9	254.1
-52.5°	200.1	206.0	211.1	215.6	220.0	223.6	226.5	229.3	231.7	233.7	234.5
-55°	191.4	196.6	201.8	205.7	209.1	212.2	214.8	216.8	218.5	219.8	220.2
-57.5°	181.7	186.8	191.4	194.9	198.4	201.7	204.1	205.7	206.9	207.9	208.3
-60°	170.1	175.8	179.4	182.3	185.6	189.2	191.2	192.9	194.4	195.6	196.8
-62.5°	155.9	160.7	164.2	167.0	169.7	171.9	174.7	176.9	178.7	180.3	182.1
-65°	139.5	144.2	147.3	149.8	151.6	153.6	157.0	159.6	161.7	163.3	164.7
-67.5°	122.8	127.3	130.5	133.0	135.0	137.1	140.1	142.7	145.1	146.7	147.7
-70°	105.9	110.2	113.6	116.4	118.6	120.7	123.1	125.3	127.4	128.6	129.0
-72.5°	89.0	92.7	96.0	98.9	101.5	103.6	105.4	107.0	108.3	109.2	109.7
-75°	72.8	75.8	78.6	81.2	83.6	85.6	87.3	88.8	90.0	90.6	90.9
-77.5°	57.3	59.6	61.6	63.5	65.3	67.1	68.7	70.1	71.4	71.7	71.6
-80°	42.8	44.4	45.7	46.8	47.9	49.1	50.3	51.3	52.2	52.6	52.9
-82.5°	29.1	30.0	30.8	31.5	32.2	33.1	33.9	34.6	35.2	35.7	36.1
-85°	16.5	16.9	17.2	17.5	17.7	18.5	19.2	20.0	20.6	20.6	20.5
-87.5°	6.2	6.1	6.0	5.9	5.7	6.1	6.5	6.9	7.3	7.1	6.8
-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: P626697 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-U-MWR-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°	6.6	6.3	6.3	6.3	6.3	6.3	6.6	6.8	7.1	7.3	6.9
85°	20.4	20.2	19.6	19.0	19.6	20.2	20.4	20.5	20.6	20.6	20.0
82.5°	36.4	36.6	36.1	35.5	36.1	36.6	36.4	36.1	35.7	35.2	34.6
80°	53.1	53.1	52.6	52.0	52.6	53.1	53.1	52.9	52.6	52.2	51.3
77.5°	71.3	70.8	71.0	71.1	71.0	70.8	71.3	71.6	71.7	71.4	70.1
75°	91.0	91.0	90.7	90.1	90.7	91.0	91.0	90.9	90.6	90.0	88.8
72.5°	109.9	109.9	109.7	109.1	109.7	109.9	109.9	109.7	109.2	108.3	107.0
70°	129.1	128.9	129.2	129.4	129.2	128.9	129.1	129.0	128.6	127.4	125.3
67.5°	148.5	149.0	149.0	148.5	149.0	149.0	148.5	147.7	146.7	145.1	142.7
65°	165.9	166.8	167.3	167.5	167.3	166.8	165.9	164.7	163.3	161.7	159.6
62.5°	183.5	184.5	184.5	184.0	184.5	184.5	183.5	182.1	180.3	178.7	176.9
60°	197.4	197.5	197.3	196.7	197.3	197.5	197.4	196.8	195.6	194.4	192.9
57.5°	208.2	207.9	207.4	206.8	207.4	207.9	208.2	208.3	207.9	206.9	205.7
55°	220.0	219.4	218.9	218.3	218.9	219.4	220.0	220.2	219.8	218.5	216.8
52.5°	234.7	234.4	234.1	233.5	234.1	234.4	234.7	234.5	233.7	231.7	229.3
50°	255.2	255.5	255.5	255.1	255.5	255.5	255.2	254.1	251.9	248.5	244.4
47.5°	287.1	288.8	289.9	290.6	289.9	288.8	287.1	284.0	279.2	272.7	265.0
45°	334.8	338.2	340.6	342.6	340.6	338.2	334.8	329.1	320.2	309.0	296.7
42.5°	408.5	416.1	419.7	418.8	419.7	416.1	408.5	397.3	381.5	361.8	342.5
40°	531.4	543.6	550.4	555.8	550.4	543.6	531.4	510.7	479.8	442.3	412.7
37.5°	747.2	771.0	783.5	794.4	783.5	771.0	747.2	705.8	645.2	573.1	526.2
35°	1121.1	1174.5	1203.1	1213.1	1203.1	1174.5	1121.1	1034.3	918.1	796.5	710.9
32.5°	1720.8	1819.4	1874.0	1916.1	1874.0	1819.4	1720.8	1559.0	1351.1	1158.4	997.8
30°	2463.1	2593.0	2665.1	2700.3	2665.1	2593.0	2463.1	2251.8	1985.0	1714.2	1422.5
27.5°	3223.9	3371.6	3449.4	3445.2	3449.4	3371.6	3223.9	2992.0	2712.2	2376.8	1999.3
25°	3977.5	4148.6	4226.1	4295.4	4226.1	4148.6	3977.5	3712.4	3403.3	3052.1	2646.2
22.5°	4739.6	4939.6	5048.7	5099.9	5048.7	4939.6	4739.6	4443.3	4108.7	3717.6	3284.7
20°	5492.6	5715.3	5831.2	5881.6	5831.2	5715.3	5492.6	5201.9	4824.8	4381.3	3904.6
17.5°	6160.5	6377.9	6488.3	6535.1	6488.3	6377.9	6160.5	5893.7	5499.7	5030.4	4489.6
15°	6693.8	6854.1	6948.1	6972.9	6948.1	6854.1	6693.8	6464.5	6094.1	5612.6	5050.3
12.5°	7062.4	7124.5	7169.7	7183.6	7169.7	7124.5	7062.4	6871.2	6582.8	6106.6	5534.4
10°	7250.9	7222.8	7211.3	7212.8	7211.3	7222.8	7250.9	7111.0	6865.3	6486.5	5955.2
7.5°	7237.9	7196.4	7113.1	7099.8	7113.1	7196.4	7237.9	7205.3	7034.1	6717.8	6228.0
5°	7133.9	7058.3	6920.1	6880.3	6920.1	7058.3	7133.9	7146.7	7060.8	6825.9	6402.5
2.5°	7012.7	6876.5	6749.1	6667.1	6749.1	6876.5	7012.7	7069.4	7054.6	6898.8	6539.6
0°	6976.7	6819.4	6654.4	6601.1	6654.4	6819.4	6976.7	7051.6	7054.1	6926.0	6596.0
-2.5°	7012.7	6876.5	6749.1	6667.1	6749.1	6876.5	7012.7	7069.4	7054.6	6898.8	6539.6
-5°	7133.9	7058.3	6920.1	6880.3	6920.1	7058.3	7133.9	7146.7	7060.8	6825.9	6402.5
-7.5°	7237.9	7196.4	7113.1	7099.8	7113.1	7196.4	7237.9	7205.3	7034.1	6717.8	6228.0
-10°	7250.9	7222.8	7211.3	7212.8	7211.3	7222.8	7250.9	7111.0	6865.3	6486.5	5955.2
-12.5°	7062.4	7124.5	7169.7	7183.6	7169.7	7124.5	7062.4	6871.2	6582.8	6106.6	5534.4
-15°	6693.8	6854.1	6948.1	6972.9	6948.1	6854.1	6693.8	6464.5	6094.1	5612.6	5050.3
-17.5°	6160.5	6377.9	6488.3	6535.1	6488.3	6377.9	6160.5	5893.7	5499.7	5030.4	4489.6
-20°	5492.6	5715.3	5831.2	5881.6	5831.2	5715.3	5492.6	5201.9	4824.8	4381.3	3904.6



REPORT NUMBER: P626697 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4739.6	4939.6	5048.7	5099.9	5048.7	4939.6	4739.6	4443.3	4108.7	3717.6	3284.7
-25°	3977.5	4148.6	4226.1	4295.4	4226.1	4148.6	3977.5	3712.4	3403.3	3052.1	2646.2
-27.5°	3223.9	3371.6	3449.4	3445.2	3449.4	3371.6	3223.9	2992.0	2712.2	2376.8	1999.3
-30°	2463.1	2593.0	2665.1	2700.3	2665.1	2593.0	2463.1	2251.8	1985.0	1714.2	1422.5
-32.5°	1720.8	1819.4	1874.0	1916.1	1874.0	1819.4	1720.8	1559.0	1351.1	1158.4	997.8
-35°	1121.1	1174.5	1203.1	1213.1	1203.1	1174.5	1121.1	1034.3	918.1	796.5	710.9
-37.5°	747.2	771.0	783.5	794.4	783.5	771.0	747.2	705.8	645.2	573.1	526.2
-40°	531.4	543.6	550.4	555.8	550.4	543.6	531.4	510.7	479.8	442.3	412.7
-42.5°	408.5	416.1	419.7	418.8	419.7	416.1	408.5	397.3	381.5	361.8	342.5
-45°	334.8	338.2	340.6	342.6	340.6	338.2	334.8	329.1	320.2	309.0	296.7
-47.5°	287.1	288.8	289.9	290.6	289.9	288.8	287.1	284.0	279.2	272.7	265.0
-50°	255.2	255.5	255.5	255.1	255.5	255.5	255.2	254.1	251.9	248.5	244.4
-52.5°	234.7	234.4	234.1	233.5	234.1	234.4	234.7	234.5	233.7	231.7	229.3
-55°	220.0	219.4	218.9	218.3	218.9	219.4	220.0	220.2	219.8	218.5	216.8
-57.5°	208.2	207.9	207.4	206.8	207.4	207.9	208.2	208.3	207.9	206.9	205.7
-60°	197.4	197.5	197.3	196.7	197.3	197.5	197.4	196.8	195.6	194.4	192.9
-62.5°	183.5	184.5	184.5	184.0	184.5	184.5	183.5	182.1	180.3	178.7	176.9
-65°	165.9	166.8	167.3	167.5	167.3	166.8	165.9	164.7	163.3	161.7	159.6
-67.5°	148.5	149.0	149.0	148.5	149.0	149.0	148.5	147.7	146.7	145.1	142.7
-70°	129.1	128.9	129.2	129.4	129.2	128.9	129.1	129.0	128.6	127.4	125.3
-72.5°	109.9	109.9	109.7	109.1	109.7	109.9	109.9	109.7	109.2	108.3	107.0
-75°	91.0	91.0	90.7	90.1	90.7	91.0	91.0	90.9	90.6	90.0	88.8
-77.5°	71.3	70.8	71.0	71.1	71.0	70.8	71.3	71.6	71.7	71.4	70.1
-80°	53.1	53.1	52.6	52.0	52.6	53.1	53.1	52.9	52.6	52.2	51.3
-82.5°	36.4	36.6	36.1	35.5	36.1	36.6	36.4	36.1	35.7	35.2	34.6
-85°	20.4	20.2	19.6	19.0	19.6	20.2	20.4	20.5	20.6	20.6	20.0
-87.5°	6.6	6.3	6.3	6.3	6.3	6.3	6.6	6.8	7.1	7.3	6.9
-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: P626697 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-U-MWR-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°	6.5	6.1	5.7	5.9	6.0	6.1	6.2	6.0	5.8	5.6	5.4
85°	19.2	18.5	17.7	17.5	17.2	16.9	16.5	15.8	15.0	14.2	13.4
82.5°	33.9	33.1	32.2	31.5	30.8	30.0	29.1	27.7	26.3	24.8	23.4
80°	50.3	49.1	47.9	46.8	45.7	44.4	42.8	40.7	38.4	36.2	34.1
77.5°	68.7	67.1	65.3	63.5	61.6	59.6	57.3	54.6	51.9	49.0	46.1
75°	87.3	85.6	83.6	81.2	78.6	75.8	72.8	69.5	66.0	62.4	58.7
72.5°	105.4	103.6	101.5	98.9	96.0	92.7	89.0	85.0	80.7	76.3	71.9
70°	123.1	120.7	118.6	116.4	113.6	110.2	105.9	101.1	96.0	90.8	85.7
67.5°	140.1	137.1	135.0	133.0	130.5	127.3	122.8	117.6	111.9	105.9	99.9
65°	157.0	153.6	151.6	149.8	147.3	144.2	139.5	134.1	128.1	121.5	114.5
62.5°	174.7	171.9	169.7	167.0	164.2	160.7	155.9	150.3	144.2	137.2	129.2
60°	191.2	189.2	185.6	182.3	179.4	175.8	170.1	164.8	159.8	151.7	143.1
57.5°	204.1	201.7	198.4	194.9	191.4	186.8	181.7	176.7	170.9	164.1	156.0
55°	214.8	212.2	209.1	205.7	201.8	196.6	191.4	186.0	180.5	174.8	166.9
52.5°	226.5	223.6	220.0	215.6	211.1	206.0	200.1	194.4	189.2	183.4	176.9
50°	240.5	237.0	232.8	228.1	222.2	215.8	209.6	202.9	197.5	191.8	185.2
47.5°	259.2	253.5	247.3	241.7	234.4	226.7	219.6	212.7	206.2	200.2	193.5
45°	287.4	276.5	264.9	257.1	247.9	239.1	230.0	222.2	214.9	208.0	201.7
42.5°	327.8	310.6	294.7	279.2	264.4	253.6	242.3	232.6	223.7	215.6	208.2
40°	386.3	356.6	334.7	310.2	290.3	271.3	256.9	243.7	233.4	223.7	214.8
37.5°	474.5	425.4	389.0	350.8	323.1	296.7	274.4	257.3	243.2	232.0	221.6
35°	610.9	534.4	466.1	412.1	363.2	328.3	297.2	273.3	255.2	240.6	228.4
32.5°	824.3	702.8	578.8	499.1	423.4	366.6	326.6	293.6	268.1	250.6	236.0
30°	1156.0	941.8	759.5	610.7	506.9	420.2	359.4	318.9	286.3	260.8	243.7
27.5°	1637.6	1262.3	1007.2	775.3	607.8	493.9	406.7	346.1	305.5	275.1	252.6
25°	2199.8	1750.5	1313.7	1000.0	753.5	577.2	462.0	384.0	329.2	289.9	260.4
22.5°	2792.3	2265.4	1741.8	1253.5	934.1	699.1	533.5	422.3	351.6	305.8	271.7
20°	3380.1	2785.3	2188.8	1630.2	1154.0	818.4	611.2	473.1	382.9	323.5	282.4
17.5°	3920.4	3295.5	2641.9	1996.2	1424.9	999.9	709.6	524.5	410.2	339.3	291.7
15°	4432.0	3772.2	3082.9	2384.4	1714.4	1159.7	793.5	569.3	438.5	357.6	303.8
12.5°	4895.3	4200.4	3475.0	2718.2	1971.4	1338.9	905.5	635.2	473.4	376.5	315.3
10°	5299.8	4557.8	3784.9	2998.6	2219.9	1524.3	1011.3	691.5	503.6	392.3	324.6
7.5°	5590.3	4839.1	4031.1	3225.3	2421.9	1683.7	1101.3	736.0	527.3	404.3	331.8
5°	5803.8	5058.6	4236.4	3409.5	2572.0	1802.8	1168.5	767.4	544.2	412.7	336.8
2.5°	5950.3	5197.5	4373.7	3530.3	2659.0	1872.8	1211.3	784.2	552.3	419.3	339.6
0°	5992.0	5237.0	4408.4	3593.7	2672.4	1881.9	1228.4	786.8	552.0	422.6	340.1
-2.5°	5950.3	5197.5	4373.7	3530.3	2659.0	1872.8	1211.3	784.2	552.3	419.3	339.6
-5°	5803.8	5058.6	4236.4	3409.5	2572.0	1802.8	1168.5	767.4	544.2	412.7	336.8
-7.5°	5590.3	4839.1	4031.1	3225.3	2421.9	1683.7	1101.3	736.0	527.3	404.3	331.8
-10°	5299.8	4557.8	3784.9	2998.6	2219.9	1524.3	1011.3	691.5	503.6	392.3	324.6
-12.5°	4895.3	4200.4	3475.0	2718.2	1971.4	1338.9	905.5	635.2	473.4	376.5	315.3
-15°	4432.0	3772.2	3082.9	2384.4	1714.4	1159.7	793.5	569.3	438.5	357.6	303.8
-17.5°	3920.4	3295.5	2641.9	1996.2	1424.9	999.9	709.6	524.5	410.2	339.3	291.7
-20°	3380.1	2785.3	2188.8	1630.2	1154.0	818.4	611.2	473.1	382.9	323.5	282.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626697 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2792.3	2265.4	1741.8	1253.5	934.1	699.1	533.5	422.3	351.6	305.8	271.7
-25°	2199.8	1750.5	1313.7	1000.0	753.5	577.2	462.0	384.0	329.2	289.9	260.4
-27.5°	1637.6	1262.3	1007.2	775.3	607.8	493.9	406.7	346.1	305.5	275.1	252.6
-30°	1156.0	941.8	759.5	610.7	506.9	420.2	359.4	318.9	286.3	260.8	243.7
-32.5°	824.3	702.8	578.8	499.1	423.4	366.6	326.6	293.6	268.1	250.6	236.0
-35°	610.9	534.4	466.1	412.1	363.2	328.3	297.2	273.3	255.2	240.6	228.4
-37.5°	474.5	425.4	389.0	350.8	323.1	296.7	274.4	257.3	243.2	232.0	221.6
-40°	386.3	356.6	334.7	310.2	290.3	271.3	256.9	243.7	233.4	223.7	214.8
-42.5°	327.8	310.6	294.7	279.2	264.4	253.6	242.3	232.6	223.7	215.6	208.2
-45°	287.4	276.5	264.9	257.1	247.9	239.1	230.0	222.2	214.9	208.0	201.7
-47.5°	259.2	253.5	247.3	241.7	234.4	226.7	219.6	212.7	206.2	200.2	193.5
-50°	240.5	237.0	232.8	228.1	222.2	215.8	209.6	202.9	197.5	191.8	185.2
-52.5°	226.5	223.6	220.0	215.6	211.1	206.0	200.1	194.4	189.2	183.4	176.9
-55°	214.8	212.2	209.1	205.7	201.8	196.6	191.4	186.0	180.5	174.8	166.9
-57.5°	204.1	201.7	198.4	194.9	191.4	186.8	181.7	176.7	170.9	164.1	156.0
-60°	191.2	189.2	185.6	182.3	179.4	175.8	170.1	164.8	159.8	151.7	143.1
-62.5°	174.7	171.9	169.7	167.0	164.2	160.7	155.9	150.3	144.2	137.2	129.2
-65°	157.0	153.6	151.6	149.8	147.3	144.2	139.5	134.1	128.1	121.5	114.5
-67.5°	140.1	137.1	135.0	133.0	130.5	127.3	122.8	117.6	111.9	105.9	99.9
-70°	123.1	120.7	118.6	116.4	113.6	110.2	105.9	101.1	96.0	90.8	85.7
-72.5°	105.4	103.6	101.5	98.9	96.0	92.7	89.0	85.0	80.7	76.3	71.9
-75°	87.3	85.6	83.6	81.2	78.6	75.8	72.8	69.5	66.0	62.4	58.7
-77.5°	68.7	67.1	65.3	63.5	61.6	59.6	57.3	54.6	51.9	49.0	46.1
-80°	50.3	49.1	47.9	46.8	45.7	44.4	42.8	40.7	38.4	36.2	34.1
-82.5°	33.9	33.1	32.2	31.5	30.8	30.0	29.1	27.7	26.3	24.8	23.4
-85°	19.2	18.5	17.7	17.5	17.2	16.9	16.5	15.8	15.0	14.2	13.4
-87.5°	6.5	6.1	5.7	5.9	6.0	6.1	6.2	6.0	5.8	5.6	5.4
-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: P626697 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-U-MWR-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°	5.1	4.9	4.6	4.4	4.1	3.8	3.5	3.2	2.8	2.4	2.0
85°	12.5	11.6	10.6	9.6	8.6	7.6	7.0	6.4	5.6	4.7	4.0
82.5°	22.0	20.6	19.1	17.6	15.9	14.2	12.6	10.9	9.1	7.2	5.9
80°	32.2	30.2	28.1	25.9	23.4	20.8	18.5	16.3	14.1	11.8	9.3
77.5°	43.3	40.3	37.3	34.5	31.7	28.6	25.3	21.9	19.0	16.3	13.3
75°	55.1	51.6	47.9	44.2	40.3	36.4	32.7	28.7	24.8	20.8	17.4
72.5°	67.7	63.3	58.8	54.1	49.6	45.0	40.2	35.5	30.9	26.3	21.5
70°	80.6	75.2	69.9	64.7	59.2	53.5	48.1	42.5	36.9	31.6	26.3
67.5°	93.8	87.7	81.5	75.3	69.2	62.8	56.0	49.5	43.2	36.9	30.9
65°	107.6	100.5	93.2	86.1	79.2	72.2	64.8	56.6	49.3	42.3	35.5
62.5°	121.3	113.5	105.2	96.9	88.9	81.2	73.3	64.3	55.4	47.5	40.0
60°	134.5	125.8	116.9	107.6	98.6	89.9	81.2	71.7	62.0	52.6	44.4
57.5°	146.6	137.4	127.6	117.8	108.0	98.4	88.7	78.7	68.4	58.1	48.7
55°	158.0	148.0	137.7	127.1	116.9	106.6	96.1	85.5	74.6	63.6	52.8
52.5°	168.6	158.2	147.2	136.1	125.0	114.4	103.3	92.0	80.5	68.9	57.4
50°	177.9	168.1	156.6	144.8	132.8	121.6	110.3	98.4	86.3	74.0	61.9
47.5°	185.8	176.8	165.6	153.2	140.5	128.6	116.8	104.5	91.8	78.9	66.2
45°	193.5	184.8	174.0	161.3	148.2	135.6	123.1	110.4	97.1	83.6	70.3
42.5°	200.7	192.0	181.9	169.1	155.6	142.3	129.3	115.9	102.1	88.1	74.3
40°	206.8	198.3	189.3	176.6	162.6	148.7	135.1	121.3	106.9	92.4	78.0
37.5°	212.8	204.1	194.8	183.6	169.1	154.7	140.5	126.4	111.6	96.5	81.4
35°	218.5	209.5	199.7	189.0	175.1	160.3	145.6	131.2	116.0	100.4	84.7
32.5°	223.7	214.4	204.3	193.5	180.7	165.4	150.4	135.4	120.0	104.2	87.7
30°	229.8	218.5	208.3	197.8	185.4	170.1	154.7	139.4	123.8	107.7	90.6
27.5°	235.7	222.5	212.0	201.5	189.2	174.4	158.8	143.0	127.2	110.9	93.4
25°	241.4	227.0	215.4	204.5	192.8	178.5	162.5	146.4	130.2	113.7	96.0
22.5°	247.9	231.2	218.6	207.1	196.2	182.1	165.8	149.4	132.9	116.2	98.4
20°	253.7	234.6	221.5	209.6	198.8	184.9	168.8	152.1	135.3	118.4	100.5
17.5°	259.4	238.5	224.3	212.0	200.7	187.4	171.4	154.4	137.4	120.3	102.4
15°	267.3	242.9	226.8	214.0	202.3	189.5	173.7	156.5	139.2	121.9	104.1
12.5°	274.0	246.7	228.8	215.6	203.6	191.2	175.5	158.1	140.7	123.4	105.6
10°	279.5	249.6	230.4	216.9	204.6	192.5	177.0	159.5	142.1	124.6	106.9
7.5°	283.6	251.9	231.6	217.8	205.3	193.5	178.4	160.8	143.3	125.6	107.8
5°	286.5	253.3	232.5	218.4	205.7	194.2	179.4	161.7	144.1	126.3	108.5
2.5°	288.0	254.0	233.3	218.5	205.8	194.4	180.0	162.2	144.5	126.8	109.0
0°	288.1	253.8	233.5	218.3	205.6	194.2	180.2	162.4	144.7	126.9	109.1
-2.5°	288.0	254.0	233.3	218.5	205.8	194.4	180.0	162.2	144.5	126.8	109.0
-5°	286.5	253.3	232.5	218.4	205.7	194.2	179.4	161.7	144.1	126.3	108.5
-7.5°	283.6	251.9	231.6	217.8	205.3	193.5	178.4	160.8	143.3	125.6	107.8
-10°	279.5	249.6	230.4	216.9	204.6	192.5	177.0	159.5	142.1	124.6	106.9
-12.5°	274.0	246.7	228.8	215.6	203.6	191.2	175.5	158.1	140.7	123.4	105.6
-15°	267.3	242.9	226.8	214.0	202.3	189.5	173.7	156.5	139.2	121.9	104.1
-17.5°	259.4	238.5	224.3	212.0	200.7	187.4	171.4	154.4	137.4	120.3	102.4
-20°	253.7	234.6	221.5	209.6	198.8	184.9	168.8	152.1	135.3	118.4	100.5

Classified

Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P626697 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-750-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	247.9	231.2	218.6	207.1	196.2	182.1	165.8	149.4	132.9	116.2	98.4
-25°	241.4	227.0	215.4	204.5	192.8	178.5	162.5	146.4	130.2	113.7	96.0
-27.5°	235.7	222.5	212.0	201.5	189.2	174.4	158.8	143.0	127.2	110.9	93.4
-30°	229.8	218.5	208.3	197.8	185.4	170.1	154.7	139.4	123.8	107.7	90.6
-32.5°	223.7	214.4	204.3	193.5	180.7	165.4	150.4	135.4	120.0	104.2	87.7
-35°	218.5	209.5	199.7	189.0	175.1	160.3	145.6	131.2	116.0	100.4	84.7
-37.5°	212.8	204.1	194.8	183.6	169.1	154.7	140.5	126.4	111.6	96.5	81.4
-40°	206.8	198.3	189.3	176.6	162.6	148.7	135.1	121.3	106.9	92.4	78.0
-42.5°	200.7	192.0	181.9	169.1	155.6	142.3	129.3	115.9	102.1	88.1	74.3
-45°	193.5	184.8	174.0	161.3	148.2	135.6	123.1	110.4	97.1	83.6	70.3
-47.5°	185.8	176.8	165.6	153.2	140.5	128.6	116.8	104.5	91.8	78.9	66.2
-50°	177.9	168.1	156.6	144.8	132.8	121.6	110.3	98.4	86.3	74.0	61.9
-52.5°	168.6	158.2	147.2	136.1	125.0	114.4	103.3	92.0	80.5	68.9	57.4
-55°	158.0	148.0	137.7	127.1	116.9	106.6	96.1	85.5	74.6	63.6	52.8
-57.5°	146.6	137.4	127.6	117.8	108.0	98.4	88.7	78.7	68.4	58.1	48.7
-60°	134.5	125.8	116.9	107.6	98.6	89.9	81.2	71.7	62.0	52.6	44.4
-62.5°	121.3	113.5	105.2	96.9	88.9	81.2	73.3	64.3	55.4	47.5	40.0
-65°	107.6	100.5	93.2	86.1	79.2	72.2	64.8	56.6	49.3	42.3	35.5
-67.5°	93.8	87.7	81.5	75.3	69.2	62.8	56.0	49.5	43.2	36.9	30.9
-70°	80.6	75.2	69.9	64.7	59.2	53.5	48.1	42.5	36.9	31.6	26.3
-72.5°	67.7	63.3	58.8	54.1	49.6	45.0	40.2	35.5	30.9	26.3	21.5
-75°	55.1	51.6	47.9	44.2	40.3	36.4	32.7	28.7	24.8	20.8	17.4
-77.5°	43.3	40.3	37.3	34.5	31.7	28.6	25.3	21.9	19.0	16.3	13.3
-80°	32.2	30.2	28.1	25.9	23.4	20.8	18.5	16.3	14.1	11.8	9.3
-82.5°	22.0	20.6	19.1	17.6	15.9	14.2	12.6	10.9	9.1	7.2	5.9
-85°	12.5	11.6	10.6	9.6	8.6	7.6	7.0	6.4	5.6	4.7	4.0
-87.5°	5.1	4.9	4.6	4.4	4.1	3.8	3.5	3.2	2.8	2.4	2.0
-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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CATALOG NUMBER: GFLD-SA1C-750-U-MWR-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°	1.6	1.4	1.1	0.8	0.5	0.3	0.0
85°	3.3	2.7	2.2	1.6	1.1	0.5	0.0
82.5°	4.9	4.1	3.3	2.5	1.6	0.8	0.0
80°	6.7	5.4	4.4	3.3	2.2	1.1	0.0
77.5°	10.3	7.3	5.4	4.1	2.7	1.4	0.0
75°	13.8	10.3	6.7	4.9	3.3	1.6	0.0
72.5°	17.3	13.2	9.1	5.7	3.8	1.9	0.0
70°	20.8	16.1	11.4	6.6	4.3	2.2	0.0
67.5°	24.8	18.9	13.6	8.3	4.8	2.4	0.0
65°	28.7	21.9	15.9	10.0	5.3	2.7	0.0
62.5°	32.4	25.0	18.1	11.6	5.8	2.9	0.0
60°	36.1	28.0	20.2	13.3	6.3	3.1	0.0
57.5°	39.8	31.0	22.5	14.8	7.3	3.4	0.0
55°	43.4	33.8	24.8	16.3	8.3	3.6	0.0
52.5°	47.0	36.6	27.0	17.8	9.3	3.8	0.0
50°	50.4	39.5	29.1	19.3	10.2	4.0	0.0
47.5°	53.8	42.3	31.1	20.7	11.1	4.3	0.0
45°	57.3	45.0	33.0	22.1	11.9	4.5	0.0
42.5°	60.7	47.6	34.8	23.5	12.7	4.6	0.0
40°	63.9	50.1	36.7	24.7	13.5	4.8	0.0
37.5°	66.8	52.5	38.6	25.9	14.2	5.0	0.0
35°	69.7	54.8	40.4	27.0	14.9	5.2	0.0
32.5°	72.3	57.0	42.1	28.1	15.5	5.3	0.0
30°	74.7	59.1	43.7	29.1	16.1	5.5	0.0
27.5°	76.9	61.0	45.1	29.9	16.6	5.6	0.0
25°	78.9	62.7	46.4	30.8	17.1	5.7	0.0
22.5°	80.7	64.2	47.5	31.5	17.5	5.8	0.0
20°	82.3	65.5	48.6	32.1	17.9	5.9	0.0
17.5°	83.7	66.6	49.5	32.7	18.2	6.0	0.0
15°	85.0	67.6	50.2	33.2	18.4	6.1	0.0
12.5°	86.2	68.4	50.9	33.6	18.7	6.2	0.0
10°	87.1	69.0	51.4	33.9	18.8	6.2	0.0
7.5°	87.8	69.5	51.7	34.1	18.9	6.2	0.0
5°	88.4	69.7	52.0	34.3	19.0	6.3	0.0
2.5°	88.7	69.9	52.0	34.3	19.0	6.3	0.0
0°	88.8	69.8	52.0	34.3	19.0	6.3	0.0
-2.5°	88.7	69.9	52.0	34.3	19.0	6.3	0.0
-5°	88.4	69.7	52.0	34.3	19.0	6.3	0.0
-7.5°	87.8	69.5	51.7	34.1	18.9	6.2	0.0
-10°	87.1	69.0	51.4	33.9	18.8	6.2	0.0
-12.5°	86.2	68.4	50.9	33.6	18.7	6.2	0.0
-15°	85.0	67.6	50.2	33.2	18.4	6.1	0.0
-17.5°	83.7	66.6	49.5	32.7	18.2	6.0	0.0
-20°	82.3	65.5	48.6	32.1	17.9	5.9	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	80.7	64.2	47.5	31.5	17.5	5.8	0.0
-25°	78.9	62.7	46.4	30.8	17.1	5.7	0.0
-27.5°	76.9	61.0	45.1	29.9	16.6	5.6	0.0
-30°	74.7	59.1	43.7	29.1	16.1	5.5	0.0
-32.5°	72.3	57.0	42.1	28.1	15.5	5.3	0.0
-35°	69.7	54.8	40.4	27.0	14.9	5.2	0.0
-37.5°	66.8	52.5	38.6	25.9	14.2	5.0	0.0
-40°	63.9	50.1	36.7	24.7	13.5	4.8	0.0
-42.5°	60.7	47.6	34.8	23.5	12.7	4.6	0.0
-45°	57.3	45.0	33.0	22.1	11.9	4.5	0.0
-47.5°	53.8	42.3	31.1	20.7	11.1	4.3	0.0
-50°	50.4	39.5	29.1	19.3	10.2	4.0	0.0
-52.5°	47.0	36.6	27.0	17.8	9.3	3.8	0.0
-55°	43.4	33.8	24.8	16.3	8.3	3.6	0.0
-57.5°	39.8	31.0	22.5	14.8	7.3	3.4	0.0
-60°	36.1	28.0	20.2	13.3	6.3	3.1	0.0
-62.5°	32.4	25.0	18.1	11.6	5.8	2.9	0.0
-65°	28.7	21.9	15.9	10.0	5.3	2.7	0.0
-67.5°	24.8	18.9	13.6	8.3	4.8	2.4	0.0
-70°	20.8	16.1	11.4	6.6	4.3	2.2	0.0
-72.5°	17.3	13.2	9.1	5.7	3.8	1.9	0.0
-75°	13.8	10.3	6.7	4.9	3.3	1.6	0.0
-77.5°	10.3	7.3	5.4	4.1	2.7	1.4	0.0
-80°	6.7	5.4	4.4	3.3	2.2	1.1	0.0
-82.5°	4.9	4.1	3.3	2.5	1.6	0.8	0.0
-85°	3.3	2.7	2.2	1.6	1.1	0.5	0.0
-87.5°	1.6	1.4	1.1	0.8	0.5	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)