

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: P626783 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1E-727-U-WR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626783 (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-SA1E-727-U-WR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N15  
Light Source: (16) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: -

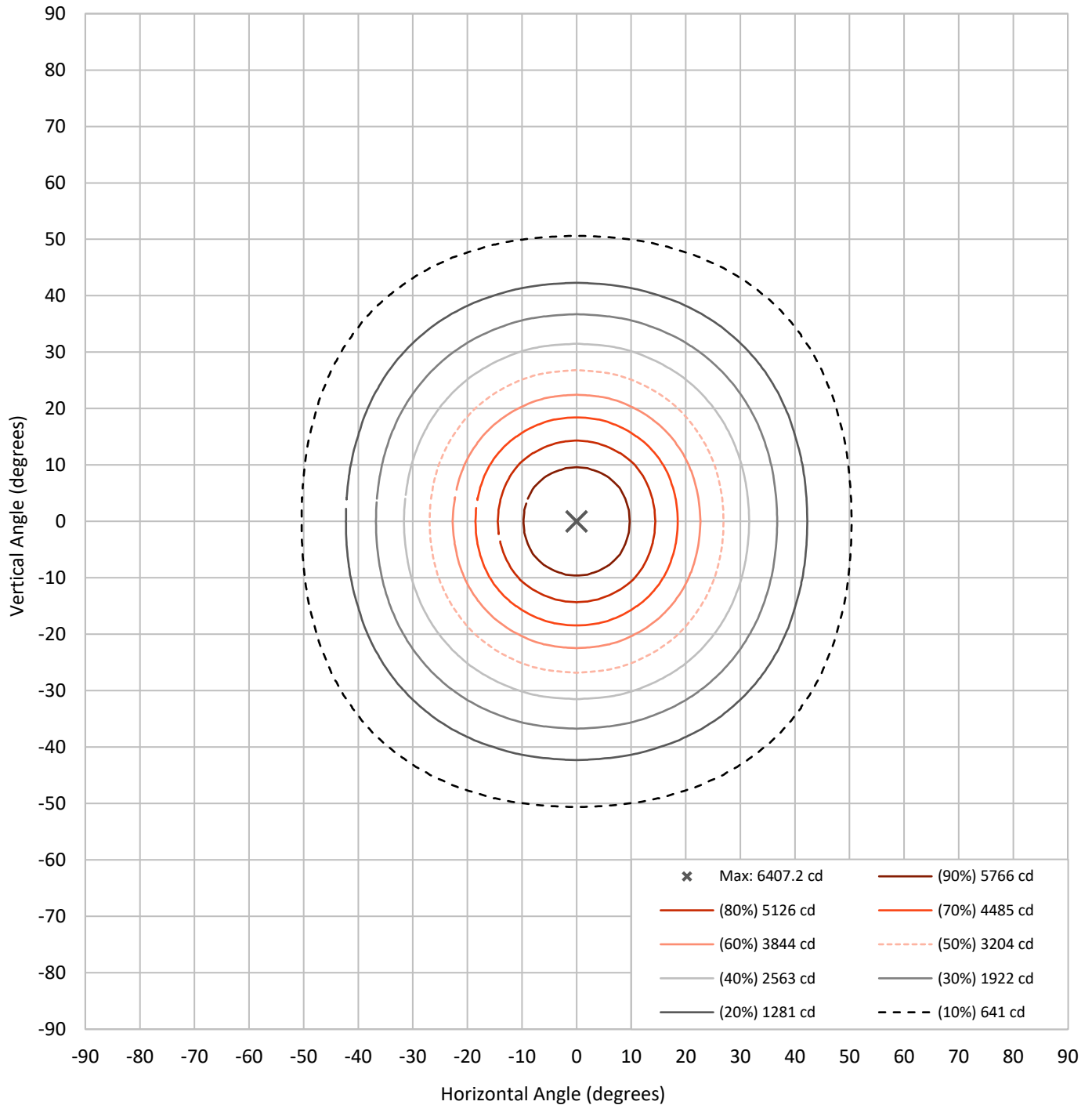
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	6521 lumens	Max Intensity:	6407.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	98.5 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:	3117.9 lumens	Field Lumens:	5755 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	66.2		
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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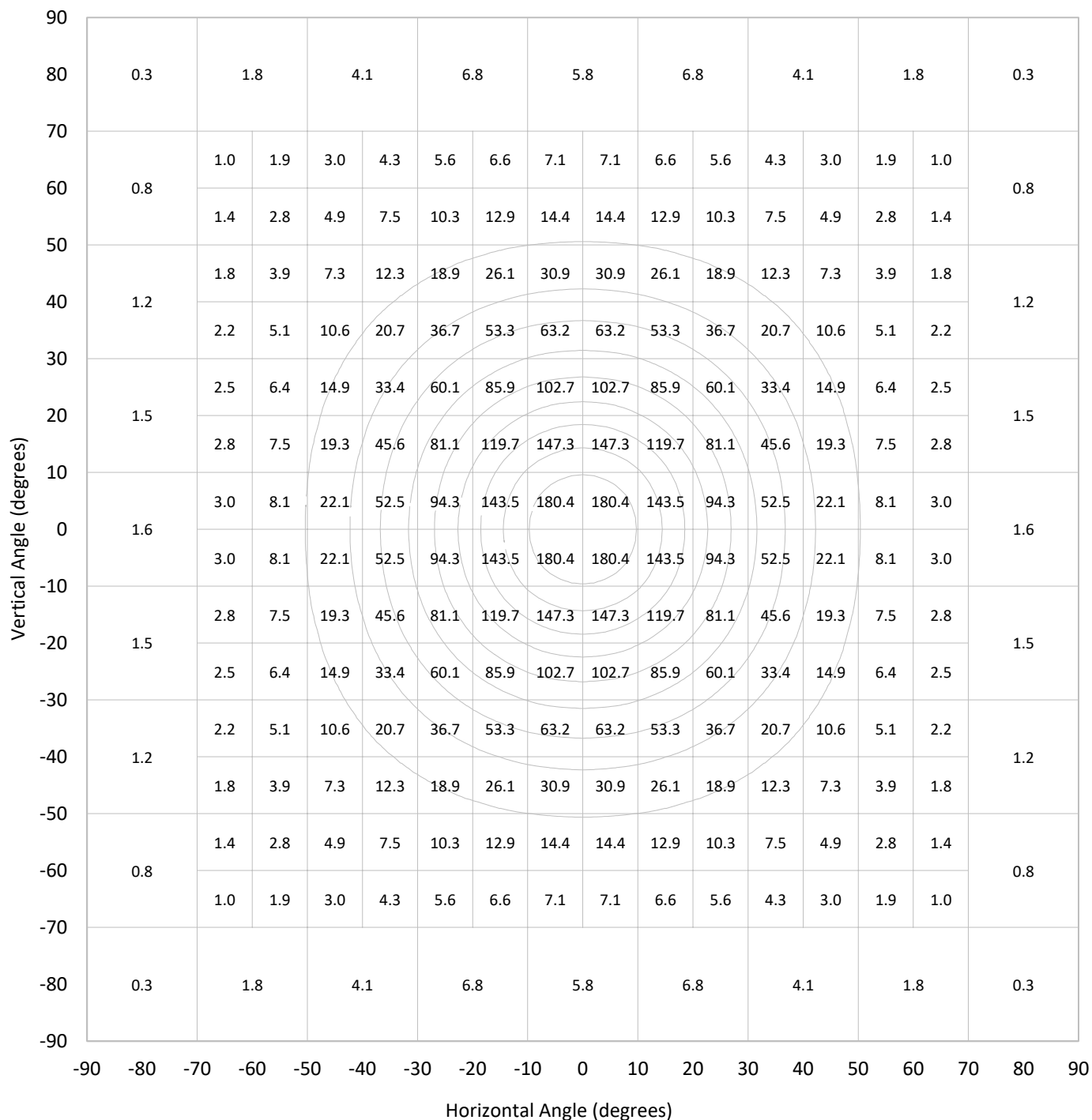
### Iso-Candela Plot





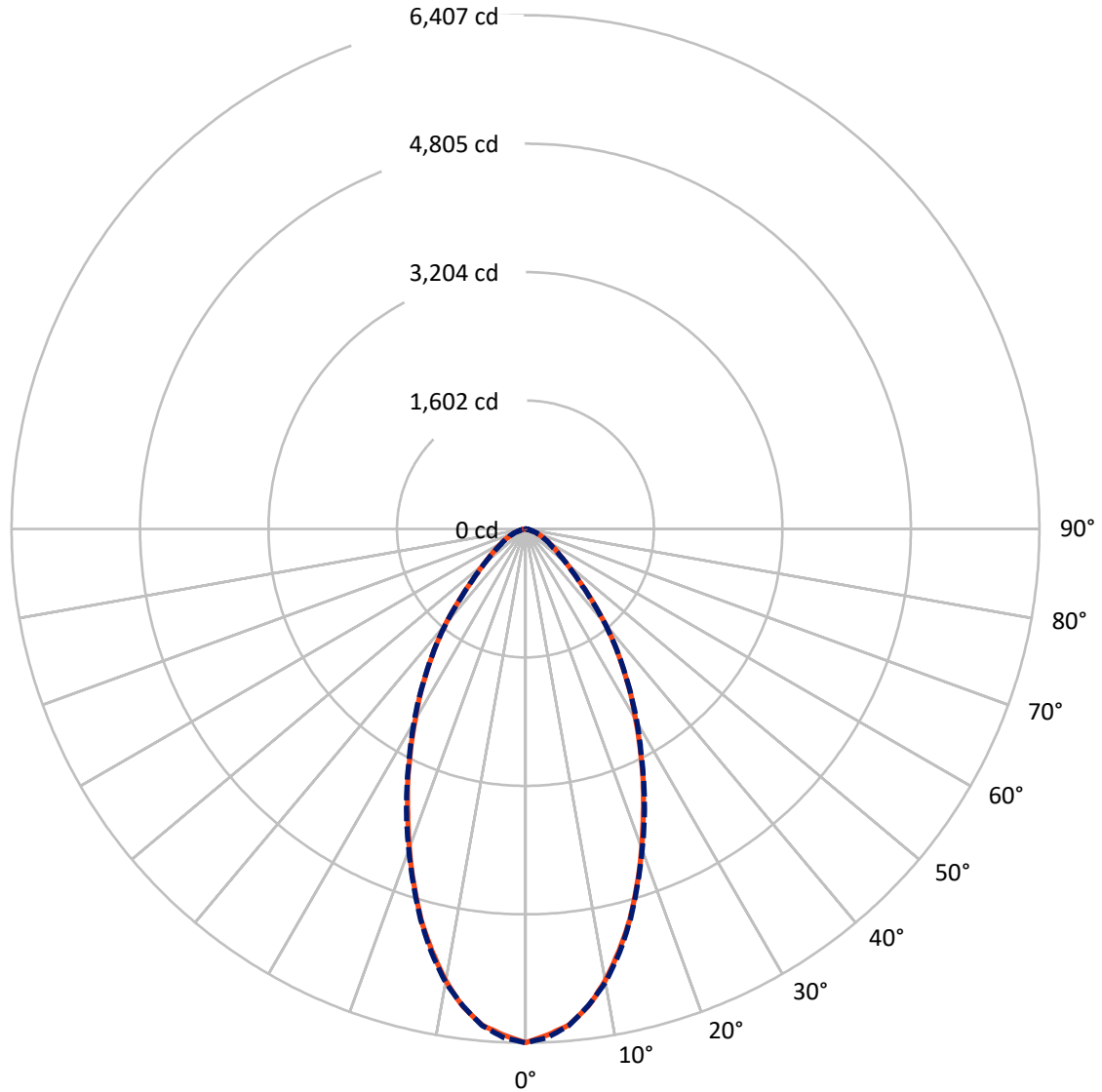
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### Lumen Table



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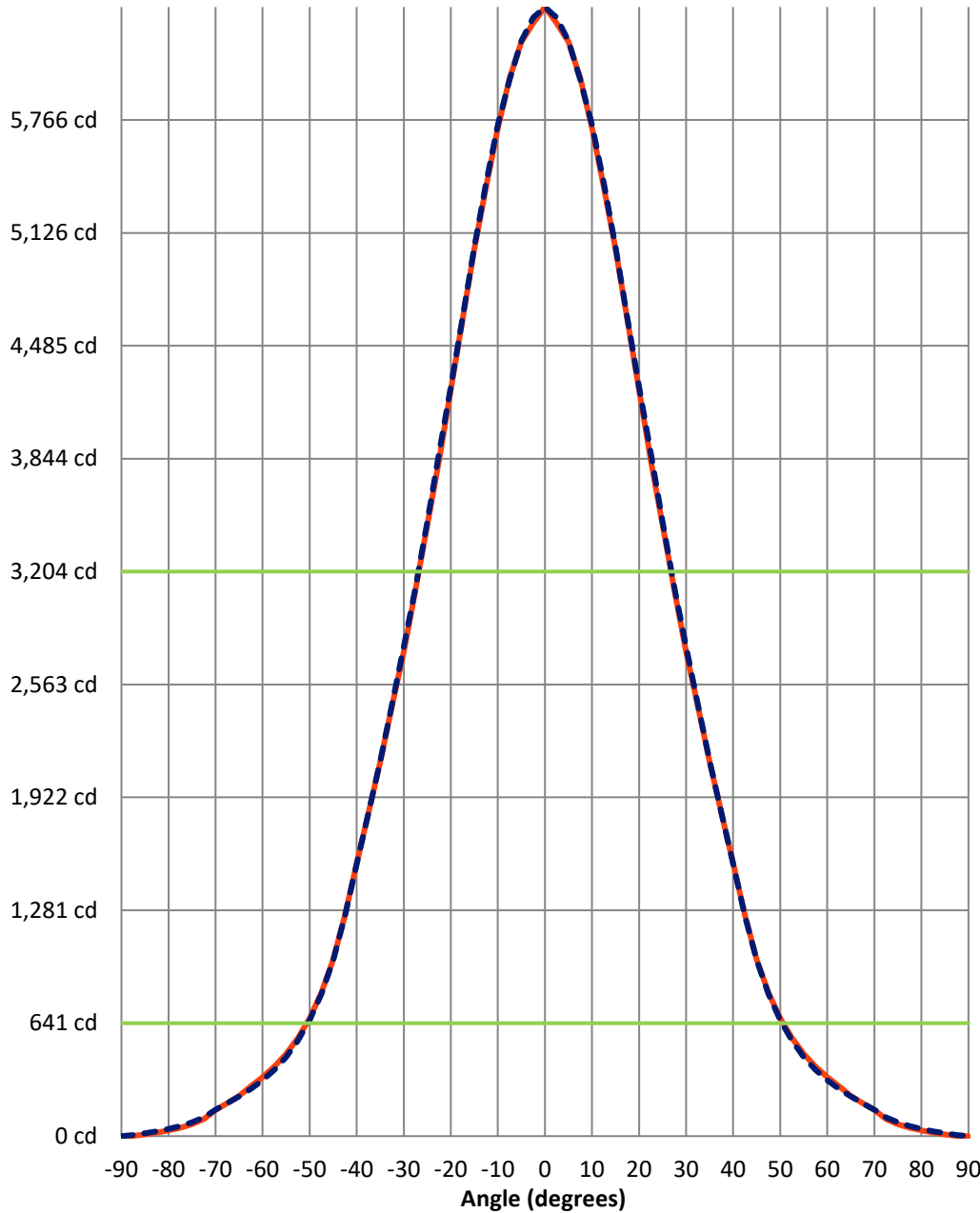
### Luminous Intensity Polar Plot



— 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: 3117.9  
 Efficiency: 47.8%

**Field:**  
 H Angle: 100.8°  
 V Angle: 101.2°  
 Lumens: 5755  
 Efficiency: 88.3%

**Spill:**  
 Lumens: 766  
 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	0.3	0.7	1.2	1.8	2.4	3.1	3.4	3.6	3.9	4.0
85°	0.0	0.6	1.5	2.4	3.5	4.7	6.1	6.8	7.3	7.7	8.0
82.5°	0.0	1.0	2.2	3.7	5.3	7.1	9.1	10.1	11.2	12.9	14.5
80°	0.0	1.3	3.0	4.9	7.0	9.4	12.4	15.4	18.0	20.3	22.4
77.5°	0.0	1.6	3.7	6.1	8.7	12.3	17.6	21.5	24.8	27.7	30.5
75°	0.0	1.9	4.4	7.2	10.6	16.0	22.8	27.7	31.6	35.5	39.7
72.5°	0.0	2.2	5.1	8.4	13.1	19.7	27.7	33.7	38.4	43.4	48.7
70°	0.0	2.5	5.8	9.6	15.5	23.2	32.5	39.4	45.1	51.2	58.3
67.5°	0.0	2.8	6.4	11.0	17.8	26.5	36.5	45.0	51.6	59.2	67.8
65°	0.0	3.1	7.1	12.5	20.1	29.6	40.4	50.4	58.1	66.9	76.7
62.5°	0.0	3.4	7.7	13.8	22.1	32.4	44.1	55.6	64.3	74.3	85.0
60°	0.0	3.6	8.3	15.1	24.1	35.0	47.5	60.4	70.2	81.5	93.1
57.5°	0.0	3.9	9.0	16.2	25.9	37.5	50.6	64.8	76.2	88.4	100.5
55°	0.0	4.2	9.7	17.3	27.6	39.8	53.5	68.4	82.1	95.1	107.7
52.5°	0.0	4.4	10.4	18.3	29.1	41.8	56.1	72.2	87.7	101.4	114.6
50°	0.0	4.6	11.0	19.2	30.5	43.7	58.5	75.8	93.1	107.6	122.3
47.5°	0.0	4.8	11.6	20.1	31.8	45.5	60.7	79.0	98.5	113.6	129.8
45°	0.0	5.0	12.2	20.9	32.9	47.0	63.2	81.9	102.4	120.1	137.0
42.5°	0.0	5.2	12.7	21.6	33.9	48.3	65.4	84.8	105.9	126.4	144.6
40°	0.0	5.4	13.2	22.4	34.7	49.4	67.3	87.6	109.4	132.2	151.8
37.5°	0.0	5.6	13.7	23.2	35.5	50.3	69.0	90.2	113.2	136.8	158.7
35°	0.0	5.7	14.1	23.9	36.1	51.3	70.3	92.4	116.9	141.9	165.8
32.5°	0.0	5.8	14.5	24.6	36.6	52.3	71.6	94.4	120.3	147.0	173.0
30°	0.0	6.0	14.9	25.2	36.9	53.1	73.0	96.4	123.6	152.2	179.7
27.5°	0.0	6.1	15.2	25.8	37.7	53.6	74.2	98.7	127.0	157.4	186.1
25°	0.0	6.2	15.5	26.3	38.5	53.9	75.1	100.9	130.9	162.5	192.0
22.5°	0.0	6.2	15.8	26.7	39.1	54.3	75.7	102.7	134.6	167.2	198.6
20°	0.0	6.3	16.0	27.0	39.7	55.3	76.1	104.3	138.0	171.4	204.4
17.5°	0.0	6.3	16.2	27.3	40.2	56.2	77.0	105.6	141.2	175.1	209.5
15°	0.0	6.4	16.3	27.4	40.6	56.8	78.0	106.8	144.0	178.3	213.9
12.5°	0.0	6.4	16.4	27.6	40.9	57.3	78.7	107.9	146.5	180.9	217.6
10°	0.0	6.4	16.5	27.6	41.1	57.6	79.2	108.5	148.3	183.2	220.5
7.5°	0.0	6.4	16.5	27.6	41.2	57.7	79.4	108.6	149.7	184.9	222.8
5°	0.0	6.4	16.5	27.5	41.1	57.7	79.3	108.3	150.4	186.1	224.4
2.5°	0.0	6.3	16.4	27.4	41.0	57.5	78.9	107.6	150.5	186.6	225.1
0°	0.0	6.3	16.3	27.2	40.8	57.1	78.3	106.4	149.9	186.6	225.1
-2.5°	0.0	6.3	16.4	27.4	41.0	57.5	78.9	107.6	150.5	186.6	225.1
-5°	0.0	6.4	16.5	27.5	41.1	57.7	79.3	108.3	150.4	186.1	224.4
-7.5°	0.0	6.4	16.5	27.6	41.2	57.7	79.4	108.6	149.7	184.9	222.8
-10°	0.0	6.4	16.5	27.6	41.1	57.6	79.2	108.5	148.3	183.2	220.5
-12.5°	0.0	6.4	16.4	27.6	40.9	57.3	78.7	107.9	146.5	180.9	217.6
-15°	0.0	6.4	16.3	27.4	40.6	56.8	78.0	106.8	144.0	178.3	213.9
-17.5°	0.0	6.3	16.2	27.3	40.2	56.2	77.0	105.6	141.2	175.1	209.5
-20°	0.0	6.3	16.0	27.0	39.7	55.3	76.1	104.3	138.0	171.4	204.4

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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	6.2	15.8	26.7	39.1	54.3	75.7	102.7	134.6	167.2	198.6
-25°	0.0	6.2	15.5	26.3	38.5	53.9	75.1	100.9	130.9	162.5	192.0
-27.5°	0.0	6.1	15.2	25.8	37.7	53.6	74.2	98.7	127.0	157.4	186.1
-30°	0.0	6.0	14.9	25.2	36.9	53.1	73.0	96.4	123.6	152.2	179.7
-32.5°	0.0	5.8	14.5	24.6	36.6	52.3	71.6	94.4	120.3	147.0	173.0
-35°	0.0	5.7	14.1	23.9	36.1	51.3	70.3	92.4	116.9	141.9	165.8
-37.5°	0.0	5.6	13.7	23.2	35.5	50.3	69.0	90.2	113.2	136.8	158.7
-40°	0.0	5.4	13.2	22.4	34.7	49.4	67.3	87.6	109.4	132.2	151.8
-42.5°	0.0	5.2	12.7	21.6	33.9	48.3	65.4	84.8	105.9	126.4	144.6
-45°	0.0	5.0	12.2	20.9	32.9	47.0	63.2	81.9	102.4	120.1	137.0
-47.5°	0.0	4.8	11.6	20.1	31.8	45.5	60.7	79.0	98.5	113.6	129.8
-50°	0.0	4.6	11.0	19.2	30.5	43.7	58.5	75.8	93.1	107.6	122.3
-52.5°	0.0	4.4	10.4	18.3	29.1	41.8	56.1	72.2	87.7	101.4	114.6
-55°	0.0	4.2	9.7	17.3	27.6	39.8	53.5	68.4	82.1	95.1	107.7
-57.5°	0.0	3.9	9.0	16.2	25.9	37.5	50.6	64.8	76.2	88.4	100.5
-60°	0.0	3.6	8.3	15.1	24.1	35.0	47.5	60.4	70.2	81.5	93.1
-62.5°	0.0	3.4	7.7	13.8	22.1	32.4	44.1	55.6	64.3	74.3	85.0
-65°	0.0	3.1	7.1	12.5	20.1	29.6	40.4	50.4	58.1	66.9	76.7
-67.5°	0.0	2.8	6.4	11.0	17.8	26.5	36.5	45.0	51.6	59.2	67.8
-70°	0.0	2.5	5.8	9.6	15.5	23.2	32.5	39.4	45.1	51.2	58.3
-72.5°	0.0	2.2	5.1	8.4	13.1	19.7	27.7	33.7	38.4	43.4	48.7
-75°	0.0	1.9	4.4	7.2	10.6	16.0	22.8	27.7	31.6	35.5	39.7
-77.5°	0.0	1.6	3.7	6.1	8.7	12.3	17.6	21.5	24.8	27.7	30.5
-80°	0.0	1.3	3.0	4.9	7.0	9.4	12.4	15.4	18.0	20.3	22.4
-82.5°	0.0	1.0	2.2	3.7	5.3	7.1	9.1	10.1	11.2	12.9	14.5
-85°	0.0	0.6	1.5	2.4	3.5	4.7	6.1	6.8	7.3	7.7	8.0
-87.5°	0.0	0.3	0.7	1.2	1.8	2.4	3.1	3.4	3.6	3.9	4.0
-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: P626783 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.1	4.1	4.0	3.9	3.7	3.5	3.2	2.9	3.0	3.1	3.3
85°	8.2	8.2	8.8	9.5	9.8	9.8	9.6	9.2	10.4	11.8	13.2
82.5°	15.9	17.3	18.6	19.9	20.0	19.7	19.1	18.3	20.8	23.7	26.8
80°	24.4	26.5	28.8	31.0	31.5	31.3	30.6	29.5	32.7	37.2	42.1
77.5°	33.9	37.2	40.2	42.9	43.7	43.6	43.1	42.2	46.3	52.5	59.1
75°	43.9	47.8	51.7	55.1	56.6	56.7	56.5	57.5	62.8	70.2	76.6
72.5°	54.4	59.3	63.7	67.4	69.8	71.6	74.0	76.9	82.3	89.5	95.8
70°	65.4	70.9	75.5	79.7	83.3	87.2	92.2	97.1	102.8	110.0	116.6
67.5°	76.2	81.8	87.0	92.2	98.7	105.0	111.2	117.7	124.9	132.4	139.1
65°	86.3	92.6	99.0	106.4	114.9	122.0	129.7	138.2	147.6	156.1	163.8
62.5°	95.9	103.1	111.0	120.0	129.2	138.1	148.4	159.3	170.2	180.9	191.4
60°	104.1	113.0	122.6	132.7	143.4	155.5	167.6	180.5	193.6	206.4	219.5
57.5°	111.9	123.0	134.0	145.8	159.1	173.0	187.5	202.0	217.7	233.2	248.0
55°	120.1	133.1	145.6	159.6	174.9	191.1	207.5	225.1	242.5	262.0	280.0
52.5°	128.8	142.9	157.7	173.7	191.5	209.8	229.0	249.3	270.8	292.6	314.6
50°	137.3	153.2	169.6	188.8	208.7	229.6	251.8	275.4	300.5	325.6	352.3
47.5°	146.2	163.2	183.2	204.1	226.8	250.6	275.8	303.8	331.7	363.3	393.8
45°	154.9	174.5	196.2	220.4	245.4	272.2	302.2	332.9	368.5	404.2	444.4
42.5°	163.4	185.9	210.4	236.3	264.7	295.6	328.7	367.3	407.5	451.7	498.8
40°	173.0	196.8	224.4	253.3	284.1	319.4	359.2	402.2	451.2	503.6	557.1
37.5°	182.4	209.1	238.2	269.6	305.4	345.1	389.0	441.7	498.2	557.8	630.6
35°	191.2	220.8	252.5	286.8	325.6	371.6	424.2	482.4	547.5	624.3	709.2
32.5°	200.5	231.9	265.9	304.5	348.3	398.5	458.3	526.8	603.8	691.3	797.6
30°	209.9	243.3	279.2	321.0	369.7	427.9	495.8	571.5	660.1	769.8	894.6
27.5°	218.6	254.0	293.3	338.4	390.5	454.9	531.8	620.5	725.0	848.9	994.7
25°	226.6	263.6	306.2	355.1	413.5	484.1	567.5	665.7	789.8	937.7	1117.0
22.5°	234.2	272.5	317.9	370.0	434.2	512.4	606.2	718.6	855.8	1021.8	1236.8
20°	241.4	282.0	329.5	384.4	452.7	537.9	641.8	768.0	924.1	1120.5	1354.2
17.5°	247.6	290.5	340.5	399.9	473.3	563.8	675.4	811.6	984.9	1208.8	1462.7
15°	253.0	297.7	350.1	413.3	491.9	589.6	710.6	859.4	1048.3	1289.1	1557.9
12.5°	257.5	303.8	358.1	424.6	507.5	611.4	740.7	902.0	1110.2	1364.7	1641.4
10°	261.1	308.7	364.5	433.7	520.1	629.1	765.5	936.9	1161.6	1429.4	1712.1
7.5°	264.0	312.5	369.5	440.6	529.6	642.6	784.8	963.8	1201.8	1480.7	1766.3
5°	266.2	315.3	373.2	445.4	536.6	652.0	798.3	982.6	1230.4	1517.9	1803.4
2.5°	267.4	316.8	375.4	448.0	540.8	657.4	805.4	994.4	1246.1	1539.1	1825.8
0°	267.6	317.0	375.9	448.3	542.0	658.4	806.5	998.1	1249.4	1544.6	1834.0
-2.5°	267.4	316.8	375.4	448.0	540.8	657.4	805.4	994.4	1246.1	1539.1	1825.8
-5°	266.2	315.3	373.2	445.4	536.6	652.0	798.3	982.6	1230.4	1517.9	1803.4
-7.5°	264.0	312.5	369.5	440.6	529.6	642.6	784.8	963.8	1201.8	1480.7	1766.3
-10°	261.1	308.7	364.5	433.7	520.1	629.1	765.5	936.9	1161.6	1429.4	1712.1
-12.5°	257.5	303.8	358.1	424.6	507.5	611.4	740.7	902.0	1110.2	1364.7	1641.4
-15°	253.0	297.7	350.1	413.3	491.9	589.6	710.6	859.4	1048.3	1289.1	1557.9
-17.5°	247.6	290.5	340.5	399.9	473.3	563.8	675.4	811.6	984.9	1208.8	1462.7
-20°	241.4	282.0	329.5	384.4	452.7	537.9	641.8	768.0	924.1	1120.5	1354.2

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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	234.2	272.5	317.9	370.0	434.2	512.4	606.2	718.6	855.8	1021.8	1236.8
-25°	226.6	263.6	306.2	355.1	413.5	484.1	567.5	665.7	789.8	937.7	1117.0
-27.5°	218.6	254.0	293.3	338.4	390.5	454.9	531.8	620.5	725.0	848.9	994.7
-30°	209.9	243.3	279.2	321.0	369.7	427.9	495.8	571.5	660.1	769.8	894.6
-32.5°	200.5	231.9	265.9	304.5	348.3	398.5	458.3	526.8	603.8	691.3	797.6
-35°	191.2	220.8	252.5	286.8	325.6	371.6	424.2	482.4	547.5	624.3	709.2
-37.5°	182.4	209.1	238.2	269.6	305.4	345.1	389.0	441.7	498.2	557.8	630.6
-40°	173.0	196.8	224.4	253.3	284.1	319.4	359.2	402.2	451.2	503.6	557.1
-42.5°	163.4	185.9	210.4	236.3	264.7	295.6	328.7	367.3	407.5	451.7	498.8
-45°	154.9	174.5	196.2	220.4	245.4	272.2	302.2	332.9	368.5	404.2	444.4
-47.5°	146.2	163.2	183.2	204.1	226.8	250.6	275.8	303.8	331.7	363.3	393.8
-50°	137.3	153.2	169.6	188.8	208.7	229.6	251.8	275.4	300.5	325.6	352.3
-52.5°	128.8	142.9	157.7	173.7	191.5	209.8	229.0	249.3	270.8	292.6	314.6
-55°	120.1	133.1	145.6	159.6	174.9	191.1	207.5	225.1	242.5	262.0	280.0
-57.5°	111.9	123.0	134.0	145.8	159.1	173.0	187.5	202.0	217.7	233.2	248.0
-60°	104.1	113.0	122.6	132.7	143.4	155.5	167.6	180.5	193.6	206.4	219.5
-62.5°	95.9	103.1	111.0	120.0	129.2	138.1	148.4	159.3	170.2	180.9	191.4
-65°	86.3	92.6	99.0	106.4	114.9	122.0	129.7	138.2	147.6	156.1	163.8
-67.5°	76.2	81.8	87.0	92.2	98.7	105.0	111.2	117.7	124.9	132.4	139.1
-70°	65.4	70.9	75.5	79.7	83.3	87.2	92.2	97.1	102.8	110.0	116.6
-72.5°	54.4	59.3	63.7	67.4	69.8	71.6	74.0	76.9	82.3	89.5	95.8
-75°	43.9	47.8	51.7	55.1	56.6	56.7	56.5	57.5	62.8	70.2	76.6
-77.5°	33.9	37.2	40.2	42.9	43.7	43.6	43.1	42.2	46.3	52.5	59.1
-80°	24.4	26.5	28.8	31.0	31.5	31.3	30.6	29.5	32.7	37.2	42.1
-82.5°	15.9	17.3	18.6	19.9	20.0	19.7	19.1	18.3	20.8	23.7	26.8
-85°	8.2	8.2	8.8	9.5	9.8	9.8	9.6	9.2	10.4	11.8	13.2
-87.5°	4.1	4.1	4.0	3.9	3.7	3.5	3.2	2.9	3.0	3.1	3.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P626783 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-727-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°	3.4	3.3	3.2	3.0	2.9	2.8	2.8	2.7	2.6	2.4	2.2
85°	14.7	15.0	15.2	15.3	15.3	15.8	16.3	16.7	17.0	15.5	13.7
82.5°	29.9	31.3	32.6	33.8	35.0	35.9	36.5	36.9	37.2	33.7	29.8
80°	47.1	50.1	52.6	54.9	57.1	57.7	57.7	57.3	56.7	51.9	46.4
77.5°	65.6	69.5	72.5	75.6	78.6	79.6	80.2	80.6	80.8	74.8	67.5
75°	82.2	86.8	91.2	95.2	98.9	100.8	101.9	102.9	103.6	97.6	89.7
72.5°	101.3	106.2	110.9	115.3	119.2	121.7	123.4	124.8	125.9	122.5	117.5
70°	122.2	127.3	132.2	136.8	141.2	144.7	147.4	149.8	151.7	152.1	151.9
67.5°	145.5	151.5	157.3	162.3	167.6	172.5	176.8	180.4	183.2	185.1	186.2
65°	171.6	180.6	188.6	195.3	201.0	207.5	213.3	217.7	220.8	223.2	225.2
62.5°	202.4	213.2	222.4	231.4	240.7	249.7	255.4	261.0	266.6	271.8	276.3
60°	232.0	243.9	256.3	267.8	278.4	288.2	298.4	307.4	315.2	321.8	326.7
57.5°	263.6	278.1	292.1	306.7	320.5	333.3	345.8	357.4	367.4	375.8	382.7
55°	297.9	315.6	332.3	350.8	368.8	385.1	400.2	415.7	429.7	441.9	451.7
52.5°	334.8	357.8	379.9	401.6	425.0	446.0	464.9	486.3	505.3	521.0	533.3
50°	378.8	405.9	435.1	462.1	491.5	520.4	547.1	573.0	598.3	620.1	637.8
47.5°	429.0	462.3	498.5	534.3	570.8	610.4	645.7	678.5	713.8	744.6	769.2
45°	484.8	527.3	571.0	621.3	667.6	718.5	765.5	807.8	857.9	902.1	937.7
42.5°	546.7	603.3	660.7	724.1	785.6	850.1	918.7	979.5	1046.0	1109.4	1160.7
40°	623.5	691.1	768.0	844.7	932.9	1015.8	1115.7	1206.5	1289.0	1364.6	1426.5
37.5°	708.7	795.9	892.4	992.3	1113.1	1231.5	1348.4	1458.8	1556.2	1638.9	1708.4
35°	805.5	916.3	1033.3	1179.1	1320.5	1462.3	1594.3	1715.0	1821.0	1914.3	1993.7
32.5°	916.9	1049.8	1213.5	1377.4	1538.7	1694.8	1839.8	1971.4	2087.6	2192.4	2283.7
30°	1034.0	1215.3	1399.1	1578.8	1755.1	1926.0	2085.1	2230.1	2361.4	2478.1	2583.3
27.5°	1182.8	1383.7	1584.1	1777.9	1971.8	2158.9	2331.3	2492.3	2643.0	2774.9	2895.1
25°	1326.6	1548.6	1761.7	1972.9	2184.0	2384.9	2577.7	2759.5	2932.1	3083.5	3217.7
22.5°	1470.5	1702.8	1930.5	2157.7	2384.4	2608.3	2824.8	3033.2	3226.2	3398.5	3549.6
20°	1603.7	1846.6	2090.1	2334.9	2580.7	2825.9	3069.0	3303.5	3518.5	3717.5	3892.4
17.5°	1723.2	1981.5	2239.6	2501.5	2768.0	3034.1	3304.2	3567.1	3812.9	4039.3	4242.2
15°	1829.0	2098.5	2375.7	2658.4	2944.5	3233.5	3528.2	3822.3	4099.1	4356.3	4582.7
12.5°	1921.5	2201.7	2492.2	2792.6	3103.1	3417.9	3739.6	4062.0	4368.4	4665.2	4909.8
10°	1997.8	2289.4	2593.1	2908.7	3236.1	3575.0	3920.1	4267.2	4604.7	4919.6	5199.2
7.5°	2056.7	2359.3	2672.2	3000.4	3344.0	3701.4	4066.9	4435.2	4795.4	5134.7	5444.1
5°	2098.3	2410.1	2727.0	3068.4	3423.9	3794.2	4174.2	4557.9	4934.5	5291.3	5612.0
2.5°	2122.5	2440.7	2758.9	3109.7	3471.4	3850.4	4240.7	4630.8	5017.2	5387.3	5716.8
0°	2128.8	2449.8	2777.2	3114.2	3486.4	3876.7	4253.0	4644.3	5046.0	5410.9	5739.2
-2.5°	2122.5	2440.7	2758.9	3109.7	3471.4	3850.4	4240.7	4630.8	5017.2	5387.3	5716.8
-5°	2098.3	2410.1	2727.0	3068.4	3423.9	3794.2	4174.2	4557.9	4934.5	5291.3	5612.0
-7.5°	2056.7	2359.3	2672.2	3000.4	3344.0	3701.4	4066.9	4435.2	4795.4	5134.7	5444.1
-10°	1997.8	2289.4	2593.1	2908.7	3236.1	3575.0	3920.1	4267.2	4604.7	4919.6	5199.2
-12.5°	1921.5	2201.7	2492.2	2792.6	3103.1	3417.9	3739.6	4062.0	4368.4	4665.2	4909.8
-15°	1829.0	2098.5	2375.7	2658.4	2944.5	3233.5	3528.2	3822.3	4099.1	4356.3	4582.7
-17.5°	1723.2	1981.5	2239.6	2501.5	2768.0	3034.1	3304.2	3567.1	3812.9	4039.3	4242.2
-20°	1603.7	1846.6	2090.1	2334.9	2580.7	2825.9	3069.0	3303.5	3518.5	3717.5	3892.4

Classified

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

Scaled Data Report



REPORT NUMBER: P626783 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1470.5	1702.8	1930.5	2157.7	2384.4	2608.3	2824.8	3033.2	3226.2	3398.5	3549.6
-25°	1326.6	1548.6	1761.7	1972.9	2184.0	2384.9	2577.7	2759.5	2932.1	3083.5	3217.7
-27.5°	1182.8	1383.7	1584.1	1777.9	1971.8	2158.9	2331.3	2492.3	2643.0	2774.9	2895.1
-30°	1034.0	1215.3	1399.1	1578.8	1755.1	1926.0	2085.1	2230.1	2361.4	2478.1	2583.3
-32.5°	916.9	1049.8	1213.5	1377.4	1538.7	1694.8	1839.8	1971.4	2087.6	2192.4	2283.7
-35°	805.5	916.3	1033.3	1179.1	1320.5	1462.3	1594.3	1715.0	1821.0	1914.3	1993.7
-37.5°	708.7	795.9	892.4	992.3	1113.1	1231.5	1348.4	1458.8	1556.2	1638.9	1708.4
-40°	623.5	691.1	768.0	844.7	932.9	1015.8	1115.7	1206.5	1289.0	1364.6	1426.5
-42.5°	546.7	603.3	660.7	724.1	785.6	850.1	918.7	979.5	1046.0	1109.4	1160.7
-45°	484.8	527.3	571.0	621.3	667.6	718.5	765.5	807.8	857.9	902.1	937.7
-47.5°	429.0	462.3	498.5	534.3	570.8	610.4	645.7	678.5	713.8	744.6	769.2
-50°	378.8	405.9	435.1	462.1	491.5	520.4	547.1	573.0	598.3	620.1	637.8
-52.5°	334.8	357.8	379.9	401.6	425.0	446.0	464.9	486.3	505.3	521.0	533.3
-55°	297.9	315.6	332.3	350.8	368.8	385.1	400.2	415.7	429.7	441.9	451.7
-57.5°	263.6	278.1	292.1	306.7	320.5	333.3	345.8	357.4	367.4	375.8	382.7
-60°	232.0	243.9	256.3	267.8	278.4	288.2	298.4	307.4	315.2	321.8	326.7
-62.5°	202.4	213.2	222.4	231.4	240.7	249.7	255.4	261.0	266.6	271.8	276.3
-65°	171.6	180.6	188.6	195.3	201.0	207.5	213.3	217.7	220.8	223.2	225.2
-67.5°	145.5	151.5	157.3	162.3	167.6	172.5	176.8	180.4	183.2	185.1	186.2
-70°	122.2	127.3	132.2	136.8	141.2	144.7	147.4	149.8	151.7	152.1	151.9
-72.5°	101.3	106.2	110.9	115.3	119.2	121.7	123.4	124.8	125.9	122.5	117.5
-75°	82.2	86.8	91.2	95.2	98.9	100.8	101.9	102.9	103.6	97.6	89.7
-77.5°	65.6	69.5	72.5	75.6	78.6	79.6	80.2	80.6	80.8	74.8	67.5
-80°	47.1	50.1	52.6	54.9	57.1	57.7	57.7	57.3	56.7	51.9	46.4
-82.5°	29.9	31.3	32.6	33.8	35.0	35.9	36.5	36.9	37.2	33.7	29.8
-85°	14.7	15.0	15.2	15.3	15.3	15.8	16.3	16.7	17.0	15.5	13.7
-87.5°	3.4	3.3	3.2	3.0	2.9	2.8	2.8	2.7	2.6	2.4	2.2
-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: P626783 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-727-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°	2.0	1.8	1.6	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.7
85°	11.9	10.0	9.7	9.5	9.7	10.0	11.9	13.7	15.5	17.0	16.7
82.5°	25.6	21.2	20.6	19.9	20.6	21.2	25.6	29.8	33.7	37.2	36.9
80°	40.8	34.9	33.7	32.6	33.7	34.9	40.8	46.4	51.9	56.7	57.3
77.5°	59.7	51.7	49.3	47.1	49.3	51.7	59.7	67.5	74.8	80.8	80.6
75°	81.5	73.0	70.2	67.5	70.2	73.0	81.5	89.7	97.6	103.6	102.9
72.5°	112.6	107.4	102.2	96.5	102.2	107.4	112.6	117.5	122.5	125.9	124.8
70°	151.8	151.4	150.1	148.1	150.1	151.4	151.8	151.9	152.1	151.7	149.8
67.5°	186.6	186.5	186.9	187.0	186.9	186.5	186.6	186.2	185.1	183.2	180.4
65°	226.4	226.8	227.8	228.2	227.8	226.8	226.4	225.2	223.2	220.8	217.7
62.5°	279.7	282.0	283.2	283.0	283.2	282.0	279.7	276.3	271.8	266.6	261.0
60°	330.4	332.8	334.2	334.6	334.2	332.8	330.4	326.7	321.8	315.2	307.4
57.5°	388.1	392.0	394.1	394.4	394.1	392.0	388.1	382.7	375.8	367.4	357.4
55°	459.1	464.4	466.7	466.4	466.7	464.4	459.1	451.7	441.9	429.7	415.7
52.5°	542.6	548.9	553.7	556.5	553.7	548.9	542.6	533.3	521.0	505.3	486.3
50°	651.1	660.2	666.0	668.4	666.0	660.2	651.1	637.8	620.1	598.3	573.0
47.5°	787.0	799.0	808.0	814.2	808.0	799.0	787.0	769.2	744.6	713.8	678.5
45°	963.9	982.3	994.8	1002.1	994.8	982.3	963.9	937.7	902.1	857.9	807.8
42.5°	1200.7	1229.2	1246.7	1253.5	1246.7	1229.2	1200.7	1160.7	1109.4	1046.0	979.5
40°	1475.4	1509.7	1532.3	1547.8	1532.3	1509.7	1475.4	1426.5	1364.6	1289.0	1206.5
37.5°	1761.6	1797.7	1819.6	1834.4	1819.6	1797.7	1761.6	1708.4	1638.9	1556.2	1458.8
35°	2053.6	2091.3	2111.8	2123.3	2111.8	2091.3	2053.6	1993.7	1914.3	1821.0	1715.0
32.5°	2353.3	2394.8	2417.2	2440.3	2417.2	2394.8	2353.3	2283.7	2192.4	2087.6	1971.4
30°	2666.3	2714.0	2737.4	2748.7	2737.4	2714.0	2666.3	2583.3	2478.1	2361.4	2230.1
27.5°	2992.1	3051.5	3080.8	3100.1	3080.8	3051.5	2992.1	2895.1	2774.9	2643.0	2492.3
25°	3331.1	3404.7	3438.2	3468.3	3438.2	3404.7	3331.1	3217.7	3083.5	2932.1	2759.5
22.5°	3682.7	3774.5	3813.3	3834.6	3813.3	3774.5	3682.7	3549.6	3398.5	3226.2	3033.2
20°	4043.6	4153.2	4207.1	4234.9	4207.1	4153.2	4043.6	3892.4	3717.5	3518.5	3303.5
17.5°	4412.6	4548.9	4618.8	4634.8	4618.8	4548.9	4412.6	4242.2	4039.3	3812.9	3567.1
15°	4774.8	4922.3	5004.8	5035.1	5004.8	4922.3	4774.8	4582.7	4356.3	4099.1	3822.3
12.5°	5117.9	5270.7	5369.4	5386.9	5369.4	5270.7	5117.9	4909.8	4665.2	4368.4	4062.0
10°	5429.0	5587.4	5696.3	5721.1	5696.3	5587.4	5429.0	5199.2	4919.6	4604.7	4267.2
7.5°	5689.1	5862.8	5983.2	6004.2	5983.2	5862.8	5689.1	5444.1	5134.7	4795.4	4435.2
5°	5879.4	6085.7	6184.5	6209.3	6184.5	6085.7	5879.4	5612.0	5291.3	4934.5	4557.9
2.5°	5983.8	6193.8	6331.1	6315.3	6331.1	6193.8	5983.8	5716.8	5387.3	5017.2	4630.8
0°	5995.5	6215.2	6346.5	6407.2	6346.5	6215.2	5995.5	5739.2	5410.9	5046.0	4644.3
-2.5°	5983.8	6193.8	6331.1	6315.3	6331.1	6193.8	5983.8	5716.8	5387.3	5017.2	4630.8
-5°	5879.4	6085.7	6184.5	6209.3	6184.5	6085.7	5879.4	5612.0	5291.3	4934.5	4557.9
-7.5°	5689.1	5862.8	5983.2	6004.2	5983.2	5862.8	5689.1	5444.1	5134.7	4795.4	4435.2
-10°	5429.0	5587.4	5696.3	5721.1	5696.3	5587.4	5429.0	5199.2	4919.6	4604.7	4267.2
-12.5°	5117.9	5270.7	5369.4	5386.9	5369.4	5270.7	5117.9	4909.8	4665.2	4368.4	4062.0
-15°	4774.8	4922.3	5004.8	5035.1	5004.8	4922.3	4774.8	4582.7	4356.3	4099.1	3822.3
-17.5°	4412.6	4548.9	4618.8	4634.8	4618.8	4548.9	4412.6	4242.2	4039.3	3812.9	3567.1
-20°	4043.6	4153.2	4207.1	4234.9	4207.1	4153.2	4043.6	3892.4	3717.5	3518.5	3303.5



REPORT NUMBER: P626783 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-727-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°	3682.7	3774.5	3813.3	3834.6	3813.3	3774.5	3682.7	3549.6	3398.5	3226.2	3033.2
-25°	3331.1	3404.7	3438.2	3468.3	3438.2	3404.7	3331.1	3217.7	3083.5	2932.1	2759.5
-27.5°	2992.1	3051.5	3080.8	3100.1	3080.8	3051.5	2992.1	2895.1	2774.9	2643.0	2492.3
-30°	2666.3	2714.0	2737.4	2748.7	2737.4	2714.0	2666.3	2583.3	2478.1	2361.4	2230.1
-32.5°	2353.3	2394.8	2417.2	2440.3	2417.2	2394.8	2353.3	2283.7	2192.4	2087.6	1971.4
-35°	2053.6	2091.3	2111.8	2123.3	2111.8	2091.3	2053.6	1993.7	1914.3	1821.0	1715.0
-37.5°	1761.6	1797.7	1819.6	1834.4	1819.6	1797.7	1761.6	1708.4	1638.9	1556.2	1458.8
-40°	1475.4	1509.7	1532.3	1547.8	1532.3	1509.7	1475.4	1426.5	1364.6	1289.0	1206.5
-42.5°	1200.7	1229.2	1246.7	1253.5	1246.7	1229.2	1200.7	1160.7	1109.4	1046.0	979.5
-45°	963.9	982.3	994.8	1002.1	994.8	982.3	963.9	937.7	902.1	857.9	807.8
-47.5°	787.0	799.0	808.0	814.2	808.0	799.0	787.0	769.2	744.6	713.8	678.5
-50°	651.1	660.2	666.0	668.4	666.0	660.2	651.1	637.8	620.1	598.3	573.0
-52.5°	542.6	548.9	553.7	556.5	553.7	548.9	542.6	533.3	521.0	505.3	486.3
-55°	459.1	464.4	466.7	466.4	466.7	464.4	459.1	451.7	441.9	429.7	415.7
-57.5°	388.1	392.0	394.1	394.4	394.1	392.0	388.1	382.7	375.8	367.4	357.4
-60°	330.4	332.8	334.2	334.6	334.2	332.8	330.4	326.7	321.8	315.2	307.4
-62.5°	279.7	282.0	283.2	283.0	283.2	282.0	279.7	276.3	271.8	266.6	261.0
-65°	226.4	226.8	227.8	228.2	227.8	226.8	226.4	225.2	223.2	220.8	217.7
-67.5°	186.6	186.5	186.9	187.0	186.9	186.5	186.6	186.2	185.1	183.2	180.4
-70°	151.8	151.4	150.1	148.1	150.1	151.4	151.8	151.9	152.1	151.7	149.8
-72.5°	112.6	107.4	102.2	96.5	102.2	107.4	112.6	117.5	122.5	125.9	124.8
-75°	81.5	73.0	70.2	67.5	70.2	73.0	81.5	89.7	97.6	103.6	102.9
-77.5°	59.7	51.7	49.3	47.1	49.3	51.7	59.7	67.5	74.8	80.8	80.6
-80°	40.8	34.9	33.7	32.6	33.7	34.9	40.8	46.4	51.9	56.7	57.3
-82.5°	25.6	21.2	20.6	19.9	20.6	21.2	25.6	29.8	33.7	37.2	36.9
-85°	11.9	10.0	9.7	9.5	9.7	10.0	11.9	13.7	15.5	17.0	16.7
-87.5°	2.0	1.8	1.6	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.7
-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: P626783 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-727-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°	2.8	2.8	2.9	3.0	3.2	3.3	3.4	3.3	3.1	3.0	2.9
85°	16.3	15.8	15.3	15.3	15.2	15.0	14.7	13.2	11.8	10.4	9.2
82.5°	36.5	35.9	35.0	33.8	32.6	31.3	29.9	26.8	23.7	20.8	18.3
80°	57.7	57.7	57.1	54.9	52.6	50.1	47.1	42.1	37.2	32.7	29.5
77.5°	80.2	79.6	78.6	75.6	72.5	69.5	65.6	59.1	52.5	46.3	42.2
75°	101.9	100.8	98.9	95.2	91.2	86.8	82.2	76.6	70.2	62.8	57.5
72.5°	123.4	121.7	119.2	115.3	110.9	106.2	101.3	95.8	89.5	82.3	76.9
70°	147.4	144.7	141.2	136.8	132.2	127.3	122.2	116.6	110.0	102.8	97.1
67.5°	176.8	172.5	167.6	162.3	157.3	151.5	145.5	139.1	132.4	124.9	117.7
65°	213.3	207.5	201.0	195.3	188.6	180.6	171.6	163.8	156.1	147.6	138.2
62.5°	255.4	249.7	240.7	231.4	222.4	213.2	202.4	191.4	180.9	170.2	159.3
60°	298.4	288.2	278.4	267.8	256.3	243.9	232.0	219.5	206.4	193.6	180.5
57.5°	345.8	333.3	320.5	306.7	292.1	278.1	263.6	248.0	233.2	217.7	202.0
55°	400.2	385.1	368.8	350.8	332.3	315.6	297.9	280.0	262.0	242.5	225.1
52.5°	464.9	446.0	425.0	401.6	379.9	357.8	334.8	314.6	292.6	270.8	249.3
50°	547.1	520.4	491.5	462.1	435.1	405.9	378.8	352.3	325.6	300.5	275.4
47.5°	645.7	610.4	570.8	534.3	498.5	462.3	429.0	393.8	363.3	331.7	303.8
45°	765.5	718.5	667.6	621.3	571.0	527.3	484.8	444.4	404.2	368.5	332.9
42.5°	918.7	850.1	785.6	724.1	660.7	603.3	546.7	498.8	451.7	407.5	367.3
40°	1115.7	1015.8	932.9	844.7	768.0	691.1	623.5	557.1	503.6	451.2	402.2
37.5°	1348.4	1231.5	1113.1	992.3	892.4	795.9	708.7	630.6	557.8	498.2	441.7
35°	1594.3	1462.3	1320.5	1179.1	1033.3	916.3	805.5	709.2	624.3	547.5	482.4
32.5°	1839.8	1694.8	1538.7	1377.4	1213.5	1049.8	916.9	797.6	691.3	603.8	526.8
30°	2085.1	1926.0	1755.1	1578.8	1399.1	1215.3	1034.0	894.6	769.8	660.1	571.5
27.5°	2331.3	2158.9	1971.8	1777.9	1584.1	1383.7	1182.8	994.7	848.9	725.0	620.5
25°	2577.7	2384.9	2184.0	1972.9	1761.7	1548.6	1326.6	1117.0	937.7	789.8	665.7
22.5°	2824.8	2608.3	2384.4	2157.7	1930.5	1702.8	1470.5	1236.8	1021.8	855.8	718.6
20°	3069.0	2825.9	2580.7	2334.9	2090.1	1846.6	1603.7	1354.2	1120.5	924.1	768.0
17.5°	3304.2	3034.1	2768.0	2501.5	2239.6	1981.5	1723.2	1462.7	1208.8	984.9	811.6
15°	3528.2	3233.5	2944.5	2658.4	2375.7	2098.5	1829.0	1557.9	1289.1	1048.3	859.4
12.5°	3739.6	3417.9	3103.1	2792.6	2492.2	2201.7	1921.5	1641.4	1364.7	1110.2	902.0
10°	3920.1	3575.0	3236.1	2908.7	2593.1	2289.4	1997.8	1712.1	1429.4	1161.6	936.9
7.5°	4066.9	3701.4	3344.0	3000.4	2672.2	2359.3	2056.7	1766.3	1480.7	1201.8	963.8
5°	4174.2	3794.2	3423.9	3068.4	2727.0	2410.1	2098.3	1803.4	1517.9	1230.4	982.6
2.5°	4240.7	3850.4	3471.4	3109.7	2758.9	2440.7	2122.5	1825.8	1539.1	1246.1	994.4
0°	4253.0	3876.7	3486.4	3114.2	2777.2	2449.8	2128.8	1834.0	1544.6	1249.4	998.1
-2.5°	4240.7	3850.4	3471.4	3109.7	2758.9	2440.7	2122.5	1825.8	1539.1	1246.1	994.4
-5°	4174.2	3794.2	3423.9	3068.4	2727.0	2410.1	2098.3	1803.4	1517.9	1230.4	982.6
-7.5°	4066.9	3701.4	3344.0	3000.4	2672.2	2359.3	2056.7	1766.3	1480.7	1201.8	963.8
-10°	3920.1	3575.0	3236.1	2908.7	2593.1	2289.4	1997.8	1712.1	1429.4	1161.6	936.9
-12.5°	3739.6	3417.9	3103.1	2792.6	2492.2	2201.7	1921.5	1641.4	1364.7	1110.2	902.0
-15°	3528.2	3233.5	2944.5	2658.4	2375.7	2098.5	1829.0	1557.9	1289.1	1048.3	859.4
-17.5°	3304.2	3034.1	2768.0	2501.5	2239.6	1981.5	1723.2	1462.7	1208.8	984.9	811.6
-20°	3069.0	2825.9	2580.7	2334.9	2090.1	1846.6	1603.7	1354.2	1120.5	924.1	768.0

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

Scaled Data Report



REPORT NUMBER: P626783 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-U-WR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2824.8	2608.3	2384.4	2157.7	1930.5	1702.8	1470.5	1236.8	1021.8	855.8	718.6
-25°	2577.7	2384.9	2184.0	1972.9	1761.7	1548.6	1326.6	1117.0	937.7	789.8	665.7
-27.5°	2331.3	2158.9	1971.8	1777.9	1584.1	1383.7	1182.8	994.7	848.9	725.0	620.5
-30°	2085.1	1926.0	1755.1	1578.8	1399.1	1215.3	1034.0	894.6	769.8	660.1	571.5
-32.5°	1839.8	1694.8	1538.7	1377.4	1213.5	1049.8	916.9	797.6	691.3	603.8	526.8
-35°	1594.3	1462.3	1320.5	1179.1	1033.3	916.3	805.5	709.2	624.3	547.5	482.4
-37.5°	1348.4	1231.5	1113.1	992.3	892.4	795.9	708.7	630.6	557.8	498.2	441.7
-40°	1115.7	1015.8	932.9	844.7	768.0	691.1	623.5	557.1	503.6	451.2	402.2
-42.5°	918.7	850.1	785.6	724.1	660.7	603.3	546.7	498.8	451.7	407.5	367.3
-45°	765.5	718.5	667.6	621.3	571.0	527.3	484.8	444.4	404.2	368.5	332.9
-47.5°	645.7	610.4	570.8	534.3	498.5	462.3	429.0	393.8	363.3	331.7	303.8
-50°	547.1	520.4	491.5	462.1	435.1	405.9	378.8	352.3	325.6	300.5	275.4
-52.5°	464.9	446.0	425.0	401.6	379.9	357.8	334.8	314.6	292.6	270.8	249.3
-55°	400.2	385.1	368.8	350.8	332.3	315.6	297.9	280.0	262.0	242.5	225.1
-57.5°	345.8	333.3	320.5	306.7	292.1	278.1	263.6	248.0	233.2	217.7	202.0
-60°	298.4	288.2	278.4	267.8	256.3	243.9	232.0	219.5	206.4	193.6	180.5
-62.5°	255.4	249.7	240.7	231.4	222.4	213.2	202.4	191.4	180.9	170.2	159.3
-65°	213.3	207.5	201.0	195.3	188.6	180.6	171.6	163.8	156.1	147.6	138.2
-67.5°	176.8	172.5	167.6	162.3	157.3	151.5	145.5	139.1	132.4	124.9	117.7
-70°	147.4	144.7	141.2	136.8	132.2	127.3	122.2	116.6	110.0	102.8	97.1
-72.5°	123.4	121.7	119.2	115.3	110.9	106.2	101.3	95.8	89.5	82.3	76.9
-75°	101.9	100.8	98.9	95.2	91.2	86.8	82.2	76.6	70.2	62.8	57.5
-77.5°	80.2	79.6	78.6	75.6	72.5	69.5	65.6	59.1	52.5	46.3	42.2
-80°	57.7	57.7	57.1	54.9	52.6	50.1	47.1	42.1	37.2	32.7	29.5
-82.5°	36.5	35.9	35.0	33.8	32.6	31.3	29.9	26.8	23.7	20.8	18.3
-85°	16.3	15.8	15.3	15.3	15.2	15.0	14.7	13.2	11.8	10.4	9.2
-87.5°	2.8	2.8	2.9	3.0	3.2	3.3	3.4	3.3	3.1	3.0	2.9
-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: P626783 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1E-727-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°	3.2	3.5	3.7	3.9	4.0	4.1	4.1	4.0	3.9	3.6	3.4
85°	9.6	9.8	9.8	9.5	8.8	8.2	8.2	8.0	7.7	7.3	6.8
82.5°	19.1	19.7	20.0	19.9	18.6	17.3	15.9	14.5	12.9	11.2	10.1
80°	30.6	31.3	31.5	31.0	28.8	26.5	24.4	22.4	20.3	18.0	15.4
77.5°	43.1	43.6	43.7	42.9	40.2	37.2	33.9	30.5	27.7	24.8	21.5
75°	56.5	56.7	56.6	55.1	51.7	47.8	43.9	39.7	35.5	31.6	27.7
72.5°	74.0	71.6	69.8	67.4	63.7	59.3	54.4	48.7	43.4	38.4	33.7
70°	92.2	87.2	83.3	79.7	75.5	70.9	65.4	58.3	51.2	45.1	39.4
67.5°	111.2	105.0	98.7	92.2	87.0	81.8	76.2	67.8	59.2	51.6	45.0
65°	129.7	122.0	114.9	106.4	99.0	92.6	86.3	76.7	66.9	58.1	50.4
62.5°	148.4	138.1	129.2	120.0	111.0	103.1	95.9	85.0	74.3	64.3	55.6
60°	167.6	155.5	143.4	132.7	122.6	113.0	104.1	93.1	81.5	70.2	60.4
57.5°	187.5	173.0	159.1	145.8	134.0	123.0	111.9	100.5	88.4	76.2	64.8
55°	207.5	191.1	174.9	159.6	145.6	133.1	120.1	107.7	95.1	82.1	68.4
52.5°	229.0	209.8	191.5	173.7	157.7	142.9	128.8	114.6	101.4	87.7	72.2
50°	251.8	229.6	208.7	188.8	169.6	153.2	137.3	122.3	107.6	93.1	75.8
47.5°	275.8	250.6	226.8	204.1	183.2	163.2	146.2	129.8	113.6	98.5	79.0
45°	302.2	272.2	245.4	220.4	196.2	174.5	154.9	137.0	120.1	102.4	81.9
42.5°	328.7	295.6	264.7	236.3	210.4	185.9	163.4	144.6	126.4	105.9	84.8
40°	359.2	319.4	284.1	253.3	224.4	196.8	173.0	151.8	132.2	109.4	87.6
37.5°	389.0	345.1	305.4	269.6	238.2	209.1	182.4	158.7	136.8	113.2	90.2
35°	424.2	371.6	325.6	286.8	252.5	220.8	191.2	165.8	141.9	116.9	92.4
32.5°	458.3	398.5	348.3	304.5	265.9	231.9	200.5	173.0	147.0	120.3	94.4
30°	495.8	427.9	369.7	321.0	279.2	243.3	209.9	179.7	152.2	123.6	96.4
27.5°	531.8	454.9	390.5	338.4	293.3	254.0	218.6	186.1	157.4	127.0	98.7
25°	567.5	484.1	413.5	355.1	306.2	263.6	226.6	192.0	162.5	130.9	100.9
22.5°	606.2	512.4	434.2	370.0	317.9	272.5	234.2	198.6	167.2	134.6	102.7
20°	641.8	537.9	452.7	384.4	329.5	282.0	241.4	204.4	171.4	138.0	104.3
17.5°	675.4	563.8	473.3	399.9	340.5	290.5	247.6	209.5	175.1	141.2	105.6
15°	710.6	589.6	491.9	413.3	350.1	297.7	253.0	213.9	178.3	144.0	106.8
12.5°	740.7	611.4	507.5	424.6	358.1	303.8	257.5	217.6	180.9	146.5	107.9
10°	765.5	629.1	520.1	433.7	364.5	308.7	261.1	220.5	183.2	148.3	108.5
7.5°	784.8	642.6	529.6	440.6	369.5	312.5	264.0	222.8	184.9	149.7	108.6
5°	798.3	652.0	536.6	445.4	373.2	315.3	266.2	224.4	186.1	150.4	108.3
2.5°	805.4	657.4	540.8	448.0	375.4	316.8	267.4	225.1	186.6	150.5	107.6
0°	806.5	658.4	542.0	448.3	375.9	317.0	267.6	225.1	186.6	149.9	106.4
-2.5°	805.4	657.4	540.8	448.0	375.4	316.8	267.4	225.1	186.6	150.5	107.6
-5°	798.3	652.0	536.6	445.4	373.2	315.3	266.2	224.4	186.1	150.4	108.3
-7.5°	784.8	642.6	529.6	440.6	369.5	312.5	264.0	222.8	184.9	149.7	108.6
-10°	765.5	629.1	520.1	433.7	364.5	308.7	261.1	220.5	183.2	148.3	108.5
-12.5°	740.7	611.4	507.5	424.6	358.1	303.8	257.5	217.6	180.9	146.5	107.9
-15°	710.6	589.6	491.9	413.3	350.1	297.7	253.0	213.9	178.3	144.0	106.8
-17.5°	675.4	563.8	473.3	399.9	340.5	290.5	247.6	209.5	175.1	141.2	105.6
-20°	641.8	537.9	452.7	384.4	329.5	282.0	241.4	204.4	171.4	138.0	104.3

Classified

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

Scaled Data Report



REPORT NUMBER: P626783 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-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°	606.2	512.4	434.2	370.0	317.9	272.5	234.2	198.6	167.2	134.6	102.7
-25°	567.5	484.1	413.5	355.1	306.2	263.6	226.6	192.0	162.5	130.9	100.9
-27.5°	531.8	454.9	390.5	338.4	293.3	254.0	218.6	186.1	157.4	127.0	98.7
-30°	495.8	427.9	369.7	321.0	279.2	243.3	209.9	179.7	152.2	123.6	96.4
-32.5°	458.3	398.5	348.3	304.5	265.9	231.9	200.5	173.0	147.0	120.3	94.4
-35°	424.2	371.6	325.6	286.8	252.5	220.8	191.2	165.8	141.9	116.9	92.4
-37.5°	389.0	345.1	305.4	269.6	238.2	209.1	182.4	158.7	136.8	113.2	90.2
-40°	359.2	319.4	284.1	253.3	224.4	196.8	173.0	151.8	132.2	109.4	87.6
-42.5°	328.7	295.6	264.7	236.3	210.4	185.9	163.4	144.6	126.4	105.9	84.8
-45°	302.2	272.2	245.4	220.4	196.2	174.5	154.9	137.0	120.1	102.4	81.9
-47.5°	275.8	250.6	226.8	204.1	183.2	163.2	146.2	129.8	113.6	98.5	79.0
-50°	251.8	229.6	208.7	188.8	169.6	153.2	137.3	122.3	107.6	93.1	75.8
-52.5°	229.0	209.8	191.5	173.7	157.7	142.9	128.8	114.6	101.4	87.7	72.2
-55°	207.5	191.1	174.9	159.6	145.6	133.1	120.1	107.7	95.1	82.1	68.4
-57.5°	187.5	173.0	159.1	145.8	134.0	123.0	111.9	100.5	88.4	76.2	64.8
-60°	167.6	155.5	143.4	132.7	122.6	113.0	104.1	93.1	81.5	70.2	60.4
-62.5°	148.4	138.1	129.2	120.0	111.0	103.1	95.9	85.0	74.3	64.3	55.6
-65°	129.7	122.0	114.9	106.4	99.0	92.6	86.3	76.7	66.9	58.1	50.4
-67.5°	111.2	105.0	98.7	92.2	87.0	81.8	76.2	67.8	59.2	51.6	45.0
-70°	92.2	87.2	83.3	79.7	75.5	70.9	65.4	58.3	51.2	45.1	39.4
-72.5°	74.0	71.6	69.8	67.4	63.7	59.3	54.4	48.7	43.4	38.4	33.7
-75°	56.5	56.7	56.6	55.1	51.7	47.8	43.9	39.7	35.5	31.6	27.7
-77.5°	43.1	43.6	43.7	42.9	40.2	37.2	33.9	30.5	27.7	24.8	21.5
-80°	30.6	31.3	31.5	31.0	28.8	26.5	24.4	22.4	20.3	18.0	15.4
-82.5°	19.1	19.7	20.0	19.9	18.6	17.3	15.9	14.5	12.9	11.2	10.1
-85°	9.6	9.8	9.8	9.5	8.8	8.2	8.2	8.0	7.7	7.3	6.8
-87.5°	3.2	3.5	3.7	3.9	4.0	4.1	4.1	4.0	3.9	3.6	3.4
-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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Scaled Data Report



REPORT NUMBER: P626783 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1E-727-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°	3.1	2.4	1.8	1.2	0.7	0.3	0.0
85°	6.1	4.7	3.5	2.4	1.5	0.6	0.0
82.5°	9.1	7.1	5.3	3.7	2.2	1.0	0.0
80°	12.4	9.4	7.0	4.9	3.0	1.3	0.0
77.5°	17.6	12.3	8.7	6.1	3.7	1.6	0.0
75°	22.8	16.0	10.6	7.2	4.4	1.9	0.0
72.5°	27.7	19.7	13.1	8.4	5.1	2.2	0.0
70°	32.5	23.2	15.5	9.6	5.8	2.5	0.0
67.5°	36.5	26.5	17.8	11.0	6.4	2.8	0.0
65°	40.4	29.6	20.1	12.5	7.1	3.1	0.0
62.5°	44.1	32.4	22.1	13.8	7.7	3.4	0.0
60°	47.5	35.0	24.1	15.1	8.3	3.6	0.0
57.5°	50.6	37.5	25.9	16.2	9.0	3.9	0.0
55°	53.5	39.8	27.6	17.3	9.7	4.2	0.0
52.5°	56.1	41.8	29.1	18.3	10.4	4.4	0.0
50°	58.5	43.7	30.5	19.2	11.0	4.6	0.0
47.5°	60.7	45.5	31.8	20.1	11.6	4.8	0.0
45°	63.2	47.0	32.9	20.9	12.2	5.0	0.0
42.5°	65.4	48.3	33.9	21.6	12.7	5.2	0.0
40°	67.3	49.4	34.7	22.4	13.2	5.4	0.0
37.5°	69.0	50.3	35.5	23.2	13.7	5.6	0.0
35°	70.3	51.3	36.1	23.9	14.1	5.7	0.0
32.5°	71.6	52.3	36.6	24.6	14.5	5.8	0.0
30°	73.0	53.1	36.9	25.2	14.9	6.0	0.0
27.5°	74.2	53.6	37.7	25.8	15.2	6.1	0.0
25°	75.1	53.9	38.5	26.3	15.5	6.2	0.0
22.5°	75.7	54.3	39.1	26.7	15.8	6.2	0.0
20°	76.1	55.3	39.7	27.0	16.0	6.3	0.0
17.5°	77.0	56.2	40.2	27.3	16.2	6.3	0.0
15°	78.0	56.8	40.6	27.4	16.3	6.4	0.0
12.5°	78.7	57.3	40.9	27.6	16.4	6.4	0.0
10°	79.2	57.6	41.1	27.6	16.5	6.4	0.0
7.5°	79.4	57.7	41.2	27.6	16.5	6.4	0.0
5°	79.3	57.7	41.1	27.5	16.5	6.4	0.0
2.5°	78.9	57.5	41.0	27.4	16.4	6.3	0.0
0°	78.3	57.1	40.8	27.2	16.3	6.3	0.0
-2.5°	78.9	57.5	41.0	27.4	16.4	6.3	0.0
-5°	79.3	57.7	41.1	27.5	16.5	6.4	0.0
-7.5°	79.4	57.7	41.2	27.6	16.5	6.4	0.0
-10°	79.2	57.6	41.1	27.6	16.5	6.4	0.0
-12.5°	78.7	57.3	40.9	27.6	16.4	6.4	0.0
-15°	78.0	56.8	40.6	27.4	16.3	6.4	0.0
-17.5°	77.0	56.2	40.2	27.3	16.2	6.3	0.0
-20°	76.1	55.3	39.7	27.0	16.0	6.3	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	75.7	54.3	39.1	26.7	15.8	6.2	0.0
-25°	75.1	53.9	38.5	26.3	15.5	6.2	0.0
-27.5°	74.2	53.6	37.7	25.8	15.2	6.1	0.0
-30°	73.0	53.1	36.9	25.2	14.9	6.0	0.0
-32.5°	71.6	52.3	36.6	24.6	14.5	5.8	0.0
-35°	70.3	51.3	36.1	23.9	14.1	5.7	0.0
-37.5°	69.0	50.3	35.5	23.2	13.7	5.6	0.0
-40°	67.3	49.4	34.7	22.4	13.2	5.4	0.0
-42.5°	65.4	48.3	33.9	21.6	12.7	5.2	0.0
-45°	63.2	47.0	32.9	20.9	12.2	5.0	0.0
-47.5°	60.7	45.5	31.8	20.1	11.6	4.8	0.0
-50°	58.5	43.7	30.5	19.2	11.0	4.6	0.0
-52.5°	56.1	41.8	29.1	18.3	10.4	4.4	0.0
-55°	53.5	39.8	27.6	17.3	9.7	4.2	0.0
-57.5°	50.6	37.5	25.9	16.2	9.0	3.9	0.0
-60°	47.5	35.0	24.1	15.1	8.3	3.6	0.0
-62.5°	44.1	32.4	22.1	13.8	7.7	3.4	0.0
-65°	40.4	29.6	20.1	12.5	7.1	3.1	0.0
-67.5°	36.5	26.5	17.8	11.0	6.4	2.8	0.0
-70°	32.5	23.2	15.5	9.6	5.8	2.5	0.0
-72.5°	27.7	19.7	13.1	8.4	5.1	2.2	0.0
-75°	22.8	16.0	10.6	7.2	4.4	1.9	0.0
-77.5°	17.6	12.3	8.7	6.1	3.7	1.6	0.0
-80°	12.4	9.4	7.0	4.9	3.0	1.3	0.0
-82.5°	9.1	7.1	5.3	3.7	2.2	1.0	0.0
-85°	6.1	4.7	3.5	2.4	1.5	0.6	0.0
-87.5°	3.1	2.4	1.8	1.2	0.7	0.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)