

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: P627469 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-740-U-NR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627469 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA4D-740-U-NR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N99  
Light Source: (64) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

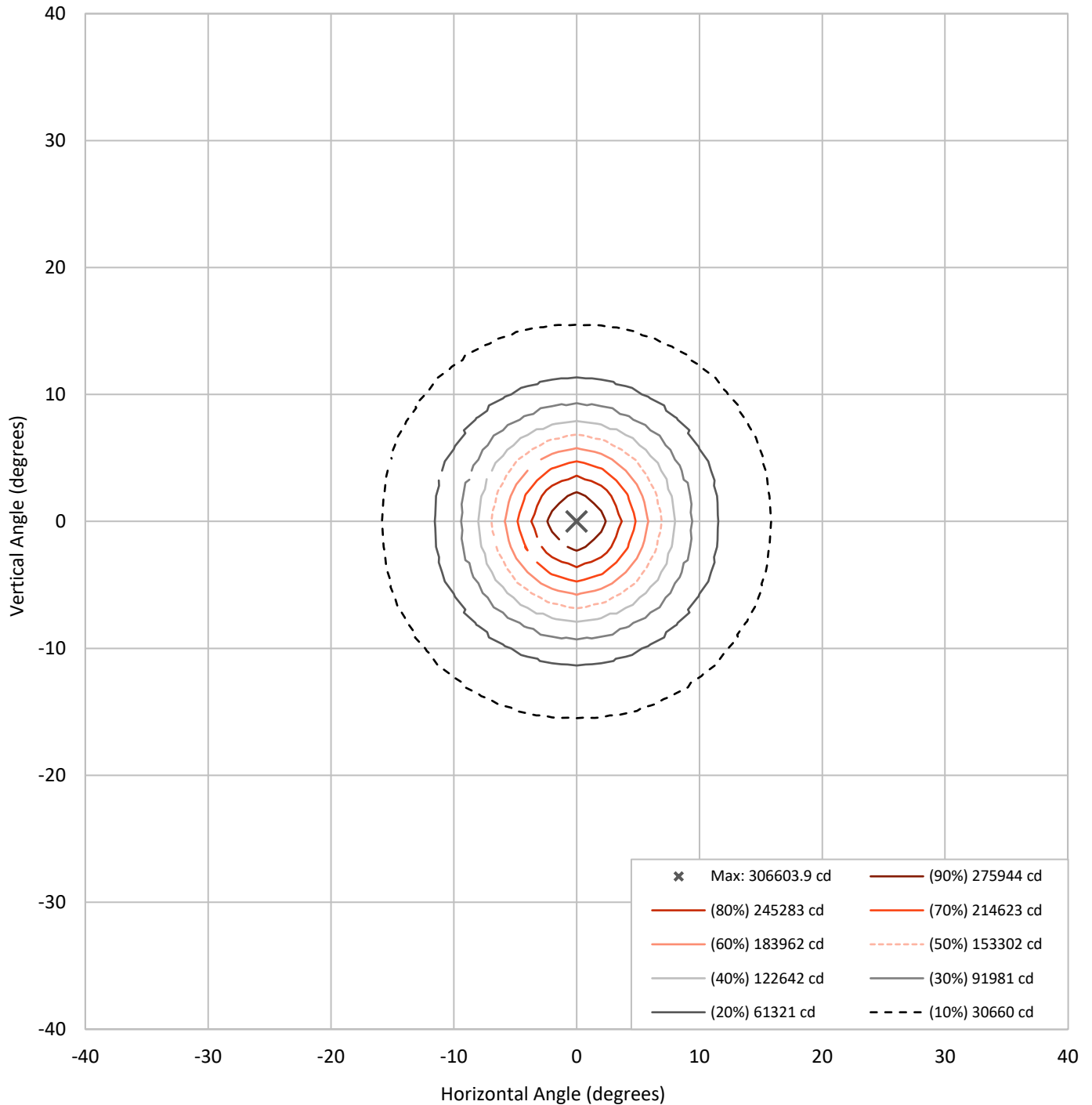
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	32556.8 lumens	Max Intensity:	306603.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	147.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	9625.6 lumens	Field Lumens:	21661.6 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	221.4		
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





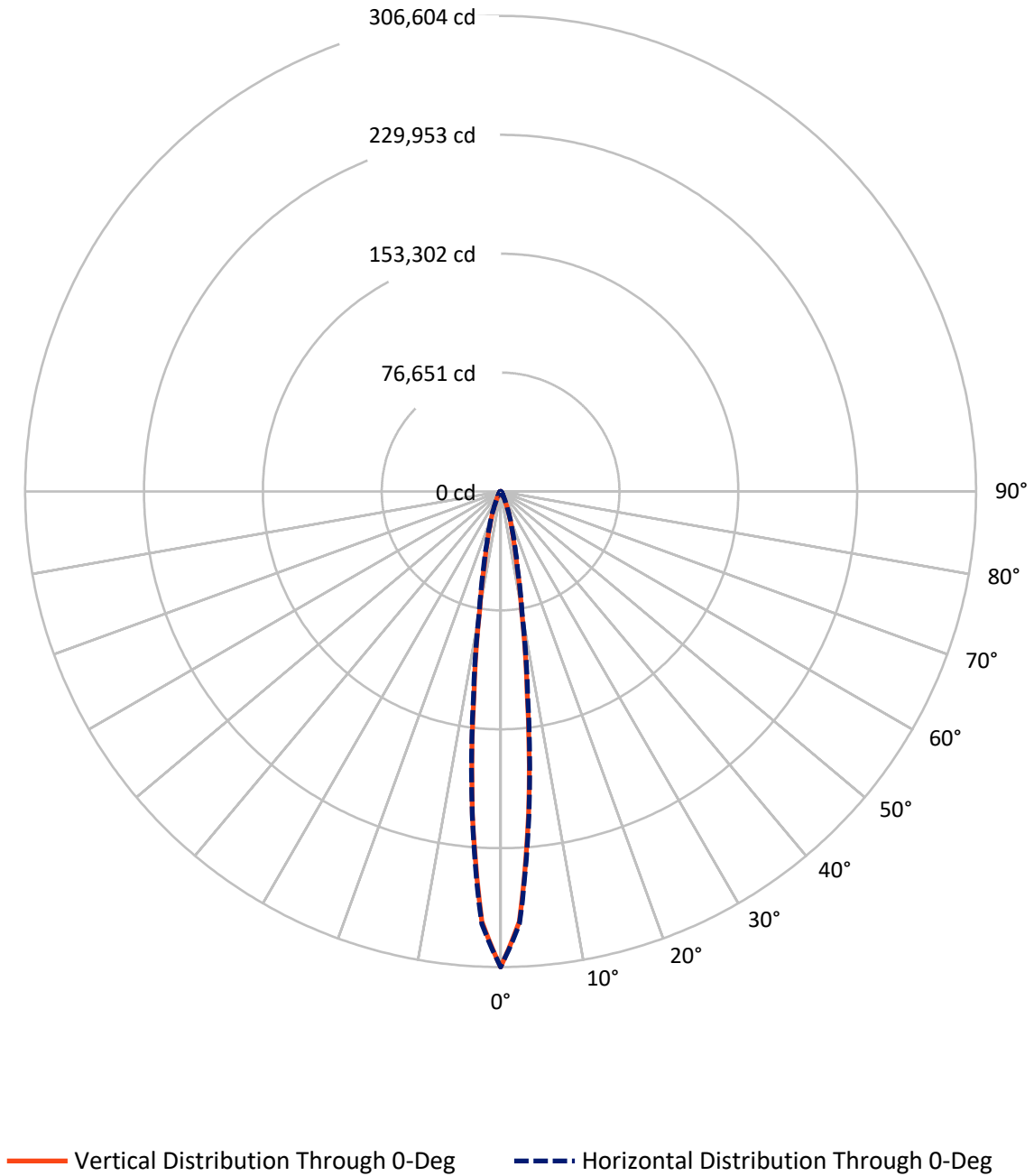
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### Lumen Table

90	0.6	4.5	11.7	19.0	20.7	19.0	11.7	4.5	0.6							
80	0.6	4.5	11.7	19.0	20.7	19.0	11.7	4.5	0.6							
70	2.0	2.3	4.7	7.7	10.9	13.4	15.0	15.7	15.7	15.0	13.4	10.9	7.7	4.7	2.3	2.0
60		3.5	7.1	11.5	15.4	18.8	21.0	21.9	21.9	21.0	18.8	15.4	11.5	7.1	3.5	
50	3.5	4.5	9.1	14.1	18.8	23.7	27.9	30.1	30.1	27.9	23.7	18.8	14.1	9.1	4.5	3.5
40		5.5	10.8	16.3	23.1	33.3	46.9	58.1	58.1	46.9	33.3	23.1	16.3	10.8	5.5	
30	4.6	6.1	11.8	18.4	30.0	59.5	135.5	224.2	224.2	135.5	59.5	30.0	18.4	11.8	6.1	4.6
20		6.6	12.4	20.3	39.8	126.3	448.5	966.0	966.0	448.5	126.3	39.8	20.3	12.4	6.6	
10	5.0	6.8	12.6	21.5	48.1	208.2	975.0	4212.0	4212.0	975.0	208.2	48.1	21.5	12.6	6.8	5.0
0		6.8	12.6	21.5	48.1	208.2	975.0	4212.0	4212.0	975.0	208.2	48.1	21.5	12.6	6.8	
-10	4.6	6.6	12.4	20.3	39.8	126.3	448.5	966.0	966.0	448.5	126.3	39.8	20.3	12.4	6.6	4.6
-20		6.1	11.8	18.4	30.0	59.5	135.5	224.2	224.2	135.5	59.5	30.0	18.4	11.8	6.1	
-30	3.5	5.5	10.8	16.3	23.1	33.3	46.9	58.1	58.1	46.9	33.3	23.1	16.3	10.8	5.5	3.5
-40		4.5	9.1	14.1	18.8	23.7	27.9	30.1	30.1	27.9	23.7	18.8	14.1	9.1	4.5	
-50	2.0	3.5	7.1	11.5	15.4	18.8	21.0	21.9	21.9	21.0	18.8	15.4	11.5	7.1	3.5	2.0
-60		2.3	4.7	7.7	10.9	13.4	15.0	15.7	15.7	15.0	13.4	10.9	7.7	4.7	2.3	
-70	0.6	4.5	11.7	19.0	20.7	19.0	11.7	4.5	0.6							
-80		0.6	4.5	11.7	19.0	20.7	19.0	11.7	4.5	0.6						
-90	0.6	4.5	11.7	19.0	20.7	19.0	11.7	4.5	0.6							

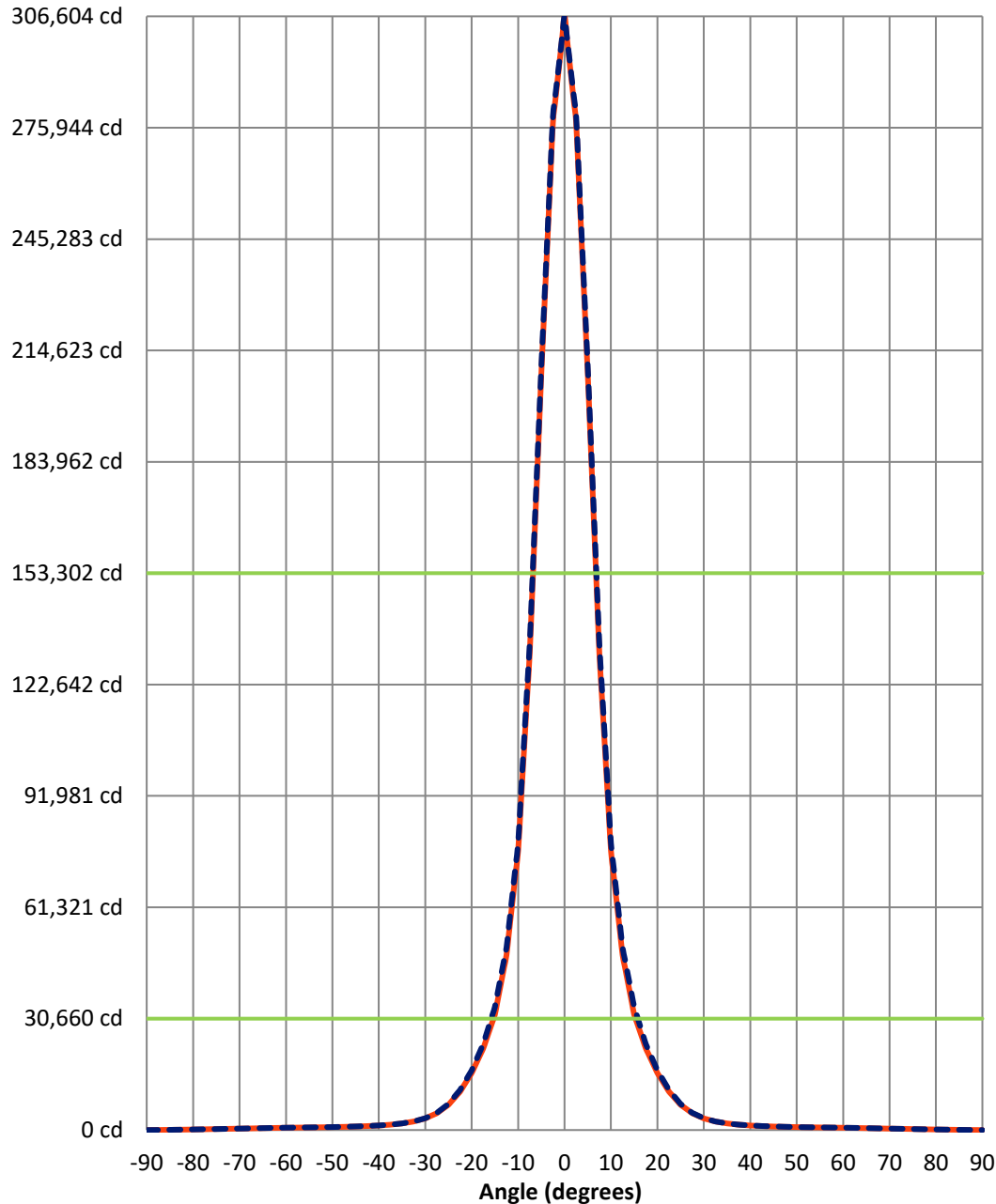
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.7°  
 V Angle: 13.6°  
 Lumens: 9625.6  
 Efficiency: 29.6%

**Field:**  
 H Angle: 31.6°  
 V Angle: 30.6°  
 Lumens: 21661.6  
 Efficiency: 66.5%

**Spill:**  
 Lumens: 10895.3  
 Efficiency: 33.5%

- 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	1.0	2.3	3.4	4.6	5.7	6.8	7.9	9.0	10.1	11.1
85°	0.0	2.0	4.6	6.9	9.1	11.4	13.6	15.8	18.0	20.1	22.2
82.5°	0.0	3.0	6.8	10.3	13.7	17.0	20.4	23.7	27.2	32.0	36.7
80°	0.0	4.0	9.1	13.7	18.2	22.7	27.5	34.1	40.6	46.9	53.2
77.5°	0.0	5.0	11.3	17.0	22.7	29.1	37.4	45.7	53.8	61.8	70.3
75°	0.0	5.9	13.5	20.4	27.4	37.0	47.3	57.2	67.1	78.3	89.2
72.5°	0.0	6.9	15.6	23.7	33.4	44.7	56.9	69.2	82.3	95.3	108.0
70°	0.0	7.8	17.7	27.1	39.2	52.3	66.6	82.3	97.3	112.1	128.7
67.5°	0.0	8.7	19.7	31.2	45.0	59.7	77.6	95.3	112.1	131.0	149.7
65°	0.0	9.6	21.7	35.3	50.6	67.9	88.4	108.0	128.7	149.7	171.6
62.5°	0.0	10.4	23.6	39.3	56.0	76.7	98.9	121.8	145.0	168.6	196.3
60°	0.0	11.3	25.4	43.1	61.3	85.3	109.2	135.8	161.0	189.9	220.2
57.5°	0.0	12.1	27.8	46.8	67.9	93.7	120.6	149.4	178.5	210.4	243.4
55°	0.0	12.8	30.1	50.4	74.4	101.8	131.8	162.4	195.8	230.2	265.7
52.5°	0.0	13.6	32.3	53.8	80.7	109.9	142.6	176.5	212.5	249.2	287.1
50°	0.0	14.3	34.5	57.1	86.8	118.6	153.1	190.3	228.4	267.4	307.7
47.5°	0.0	15.0	36.7	60.5	92.7	127.0	163.4	203.7	243.7	284.7	327.8
45°	0.0	15.6	38.7	64.8	98.3	135.1	174.3	216.4	258.3	302.4	347.5
42.5°	0.0	16.2	40.7	68.8	103.6	142.8	184.8	228.7	272.4	319.6	366.6
40°	0.0	16.7	42.6	72.7	109.1	150.1	194.7	240.4	286.2	336.2	385.2
37.5°	0.0	17.2	44.5	76.5	114.6	157.1	204.2	251.4	299.9	351.7	403.2
35°	0.0	17.7	46.2	80.0	119.9	164.2	213.1	261.9	312.7	366.2	420.5
32.5°	0.0	18.1	47.8	83.4	124.8	171.1	221.4	271.6	324.5	379.9	435.6
30°	0.0	18.5	49.4	86.5	129.3	177.6	229.2	280.9	335.2	392.6	449.3
27.5°	0.0	18.8	50.9	89.4	133.7	183.5	236.4	289.6	345.2	404.3	461.5
25°	0.0	19.1	52.2	92.1	137.8	189.0	243.0	297.4	354.6	414.5	472.4
22.5°	0.0	19.4	53.5	94.5	141.5	193.9	248.9	304.4	363.1	423.4	481.9
20°	0.0	19.6	54.6	96.7	144.9	198.1	254.2	310.5	370.5	431.0	490.5
17.5°	0.0	19.7	55.6	98.7	147.9	201.7	258.6	315.7	377.1	437.5	498.1
15°	0.0	19.9	56.5	100.4	150.5	204.7	262.2	320.4	382.6	442.7	504.6
12.5°	0.0	19.9	57.3	101.8	152.7	207.1	265.1	324.6	387.2	446.8	510.0
10°	0.0	20.0	57.9	103.0	154.5	208.8	267.3	328.2	390.8	451.1	515.3
7.5°	0.0	20.0	58.4	103.9	155.9	210.0	268.8	331.1	393.2	454.8	521.3
5°	0.0	19.9	58.8	104.6	156.9	210.6	269.7	333.3	394.5	457.5	526.2
2.5°	0.0	19.8	59.0	105.0	157.5	210.7	269.8	334.6	394.8	459.2	529.8
0°	0.0	19.7	59.1	105.1	157.7	210.2	269.3	335.0	394.1	459.8	532.1
-2.5°	0.0	19.8	59.0	105.0	157.5	210.7	269.8	334.6	394.8	459.2	529.8
-5°	0.0	19.9	58.8	104.6	156.9	210.6	269.7	333.3	394.5	457.5	526.2
-7.5°	0.0	20.0	58.4	103.9	155.9	210.0	268.8	331.1	393.2	454.8	521.3
-10°	0.0	20.0	57.9	103.0	154.5	208.8	267.3	328.2	390.8	451.1	515.3
-12.5°	0.0	19.9	57.3	101.8	152.7	207.1	265.1	324.6	387.2	446.8	510.0
-15°	0.0	19.9	56.5	100.4	150.5	204.7	262.2	320.4	382.6	442.7	504.6
-17.5°	0.0	19.7	55.6	98.7	147.9	201.7	258.6	315.7	377.1	437.5	498.1
-20°	0.0	19.6	54.6	96.7	144.9	198.1	254.2	310.5	370.5	431.0	490.5

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CATALOG NUMBER: GFLD-SA4D-740-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	19.4	53.5	94.5	141.5	193.9	248.9	304.4	363.1	423.4	481.9
-25°	0.0	19.1	52.2	92.1	137.8	189.0	243.0	297.4	354.6	414.5	472.4
-27.5°	0.0	18.8	50.9	89.4	133.7	183.5	236.4	289.6	345.2	404.3	461.5
-30°	0.0	18.5	49.4	86.5	129.3	177.6	229.2	280.9	335.2	392.6	449.3
-32.5°	0.0	18.1	47.8	83.4	124.8	171.1	221.4	271.6	324.5	379.9	435.6
-35°	0.0	17.7	46.2	80.0	119.9	164.2	213.1	261.9	312.7	366.2	420.5
-37.5°	0.0	17.2	44.5	76.5	114.6	157.1	204.2	251.4	299.9	351.7	403.2
-40°	0.0	16.7	42.6	72.7	109.1	150.1	194.7	240.4	286.2	336.2	385.2
-42.5°	0.0	16.2	40.7	68.8	103.6	142.8	184.8	228.7	272.4	319.6	366.6
-45°	0.0	15.6	38.7	64.8	98.3	135.1	174.3	216.4	258.3	302.4	347.5
-47.5°	0.0	15.0	36.7	60.5	92.7	127.0	163.4	203.7	243.7	284.7	327.8
-50°	0.0	14.3	34.5	57.1	86.8	118.6	153.1	190.3	228.4	267.4	307.7
-52.5°	0.0	13.6	32.3	53.8	80.7	109.9	142.6	176.5	212.5	249.2	287.1
-55°	0.0	12.8	30.1	50.4	74.4	101.8	131.8	162.4	195.8	230.2	265.7
-57.5°	0.0	12.1	27.8	46.8	67.9	93.7	120.6	149.4	178.5	210.4	243.4
-60°	0.0	11.3	25.4	43.1	61.3	85.3	109.2	135.8	161.0	189.9	220.2
-62.5°	0.0	10.4	23.6	39.3	56.0	76.7	98.9	121.8	145.0	168.6	196.3
-65°	0.0	9.6	21.7	35.3	50.6	67.9	88.4	108.0	128.7	149.7	171.6
-67.5°	0.0	8.7	19.7	31.2	45.0	59.7	77.6	95.3	112.1	131.0	149.7
-70°	0.0	7.8	17.7	27.1	39.2	52.3	66.6	82.3	97.3	112.1	128.7
-72.5°	0.0	6.9	15.6	23.7	33.4	44.7	56.9	69.2	82.3	95.3	108.0
-75°	0.0	5.9	13.5	20.4	27.4	37.0	47.3	57.2	67.1	78.3	89.2
-77.5°	0.0	5.0	11.3	17.0	22.7	29.1	37.4	45.7	53.8	61.8	70.3
-80°	0.0	4.0	9.1	13.7	18.2	22.7	27.5	34.1	40.6	46.9	53.2
-82.5°	0.0	3.0	6.8	10.3	13.7	17.0	20.4	23.7	27.2	32.0	36.7
-85°	0.0	2.0	4.6	6.9	9.1	11.4	13.6	15.8	18.0	20.1	22.2
-87.5°	0.0	1.0	2.3	3.4	4.6	5.7	6.8	7.9	9.0	10.1	11.1
-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°	12.1	13.1	14.1	15.1	16.0	16.9	17.8	18.6	19.4	20.1	20.9
85°	24.3	26.3	29.2	32.1	34.5	36.6	38.4	39.9	42.6	45.4	48.4
82.5°	41.4	45.9	50.3	54.6	57.5	59.8	62.1	65.5	71.3	76.9	81.9
80°	59.4	65.4	72.2	78.9	84.6	90.3	96.2	102.3	108.7	114.7	120.5
77.5°	79.2	88.0	96.6	104.9	113.2	122.1	130.8	139.1	147.0	154.6	161.8
75°	100.0	110.5	122.1	133.5	144.6	155.3	165.9	177.1	187.9	198.1	207.9
72.5°	121.8	135.8	149.5	162.8	177.2	191.3	204.9	218.0	230.8	244.2	258.3
70°	145.0	161.0	178.8	195.8	211.9	228.7	245.6	260.1	274.0	292.4	311.3
67.5°	168.8	190.5	210.5	229.8	251.2	271.1	288.3	306.7	326.4	347.7	366.3
65°	197.0	220.5	243.8	268.2	293.0	313.6	335.1	357.9	380.2	401.5	421.7
62.5°	224.8	251.3	278.2	304.7	330.2	354.9	380.9	406.3	430.8	455.5	477.3
60°	251.6	281.7	310.0	337.7	366.6	397.4	426.2	454.3	483.6	511.6	526.2
57.5°	277.4	309.6	339.2	370.3	404.2	439.0	469.1	501.0	526.2	545.6	564.6
55°	301.7	335.1	367.6	402.7	439.4	475.5	509.1	537.6	560.8	578.6	598.7
52.5°	324.5	359.7	395.1	433.3	472.3	510.8	546.0	572.7	593.6	611.8	630.6
50°	346.8	383.9	421.3	463.1	505.0	545.9	580.4	604.8	624.5	643.2	662.5
47.5°	368.8	407.7	447.9	492.5	537.9	577.4	610.1	632.4	652.3	674.2	695.4
45°	390.4	432.4	475.0	522.9	568.5	606.6	634.4	656.7	681.3	705.0	727.7
42.5°	411.5	456.7	503.0	552.7	596.7	631.1	656.9	683.3	709.8	735.1	760.7
40°	432.7	480.1	529.1	578.6	622.9	652.5	680.0	708.4	737.6	765.0	793.5
37.5°	453.0	502.1	552.7	602.6	642.9	672.9	701.4	732.8	763.6	793.5	830.5
35°	472.3	522.2	573.1	621.4	660.2	691.3	723.2	756.2	788.5	827.2	869.4
32.5°	489.6	540.2	591.8	636.8	674.7	708.3	744.0	778.5	817.3	861.1	911.7
30°	504.2	555.9	607.7	651.7	688.8	724.3	763.0	801.1	846.4	899.1	959.3
27.5°	517.0	570.0	620.4	664.4	702.1	737.5	778.2	826.3	878.3	937.4	1008.1
25°	528.9	584.3	632.4	676.1	712.8	749.7	793.4	846.5	909.1	980.3	1066.8
22.5°	540.2	598.1	644.5	687.1	721.1	761.0	810.2	868.0	936.1	1019.5	1124.8
20°	551.0	608.3	654.3	695.8	727.4	770.8	825.0	886.7	964.1	1063.6	1185.4
17.5°	560.9	617.1	661.9	700.9	735.6	781.3	838.1	902.0	988.5	1103.6	1241.1
15°	570.0	624.4	668.0	705.1	742.9	792.3	851.8	921.0	1015.4	1141.8	1290.5
12.5°	577.9	630.4	672.7	708.4	748.8	801.3	863.9	940.7	1044.4	1179.4	1353.0
10°	584.8	635.0	676.0	710.6	753.2	808.3	874.0	956.8	1067.5	1208.4	1401.2
7.5°	590.6	638.6	678.3	711.8	756.0	813.1	881.9	969.0	1083.7	1229.1	1435.9
5°	594.7	641.5	681.0	715.9	760.5	816.9	887.6	977.4	1093.2	1241.4	1457.5
2.5°	597.0	643.2	682.7	719.7	765.3	820.1	892.0	986.6	1100.9	1253.4	1474.0
0°	597.8	643.8	683.2	722.6	768.6	821.1	893.4	991.9	1103.6	1261.3	1484.6
-2.5°	597.0	643.2	682.7	719.7	765.3	820.1	892.0	986.6	1100.9	1253.4	1474.0
-5°	594.7	641.5	681.0	715.9	760.5	816.9	887.6	977.4	1093.2	1241.4	1457.5
-7.5°	590.6	638.6	678.3	711.8	756.0	813.1	881.9	969.0	1083.7	1229.1	1435.9
-10°	584.8	635.0	676.0	710.6	753.2	808.3	874.0	956.8	1067.5	1208.4	1401.2
-12.5°	577.9	630.4	672.7	708.4	748.8	801.3	863.9	940.7	1044.4	1179.4	1353.0
-15°	570.0	624.4	668.0	705.1	742.9	792.3	851.8	921.0	1015.4	1141.8	1290.5
-17.5°	560.9	617.1	661.9	700.9	735.6	781.3	838.1	902.0	988.5	1103.6	1241.1
-20°	551.0	608.3	654.3	695.8	727.4	770.8	825.0	886.7	964.1	1063.6	1185.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627469 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-740-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	540.2	598.1	644.5	687.1	721.1	761.0	810.2	868.0	936.1	1019.5	1124.8
-25°	528.9	584.3	632.4	676.1	712.8	749.7	793.4	846.5	909.1	980.3	1066.8
-27.5°	517.0	570.0	620.4	664.4	702.1	737.5	778.2	826.3	878.3	937.4	1008.1
-30°	504.2	555.9	607.7	651.7	688.8	724.3	763.0	801.1	846.4	899.1	959.3
-32.5°	489.6	540.2	591.8	636.8	674.7	708.3	744.0	778.5	817.3	861.1	911.7
-35°	472.3	522.2	573.1	621.4	660.2	691.3	723.2	756.2	788.5	827.2	869.4
-37.5°	453.0	502.1	552.7	602.6	642.9	672.9	701.4	732.8	763.6	793.5	830.5
-40°	432.7	480.1	529.1	578.6	622.9	652.5	680.0	708.4	737.6	765.0	793.5
-42.5°	411.5	456.7	503.0	552.7	596.7	631.1	656.9	683.3	709.8	735.1	760.7
-45°	390.4	432.4	475.0	522.9	568.5	606.6	634.4	656.7	681.3	705.0	727.7
-47.5°	368.8	407.7	447.9	492.5	537.9	577.4	610.1	632.4	652.3	674.2	695.4
-50°	346.8	383.9	421.3	463.1	505.0	545.9	580.4	604.8	624.5	643.2	662.5
-52.5°	324.5	359.7	395.1	433.3	472.3	510.8	546.0	572.7	593.6	611.8	630.6
-55°	301.7	335.1	367.6	402.7	439.4	475.5	509.1	537.6	560.8	578.6	598.7
-57.5°	277.4	309.6	339.2	370.3	404.2	439.0	469.1	501.0	526.2	545.6	564.6
-60°	251.6	281.7	310.0	337.7	366.6	397.4	426.2	454.3	483.6	511.6	526.2
-62.5°	224.8	251.3	278.2	304.7	330.2	354.9	380.9	406.3	430.8	455.5	477.3
-65°	197.0	220.5	243.8	268.2	293.0	313.6	335.1	357.9	380.2	401.5	421.7
-67.5°	168.8	190.5	210.5	229.8	251.2	271.1	288.3	306.7	326.4	347.7	366.3
-70°	145.0	161.0	178.8	195.8	211.9	228.7	245.6	260.1	274.0	292.4	311.3
-72.5°	121.8	135.8	149.5	162.8	177.2	191.3	204.9	218.0	230.8	244.2	258.3
-75°	100.0	110.5	122.1	133.5	144.6	155.3	165.9	177.1	187.9	198.1	207.9
-77.5°	79.2	88.0	96.6	104.9	113.2	122.1	130.8	139.1	147.0	154.6	161.8
-80°	59.4	65.4	72.2	78.9	84.6	90.3	96.2	102.3	108.7	114.7	120.5
-82.5°	41.4	45.9	50.3	54.6	57.5	59.8	62.1	65.5	71.3	76.9	81.9
-85°	24.3	26.3	29.2	32.1	34.5	36.6	38.4	39.9	42.6	45.4	48.4
-87.5°	12.1	13.1	14.1	15.1	16.0	16.9	17.8	18.6	19.4	20.1	20.9
-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: P627469 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-740-U-NR-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°	21.5	22.2	22.8	23.3	23.8	24.3	24.7	25.1	25.4	24.1	22.7
85°	51.4	53.3	55.1	56.8	58.3	59.7	60.9	62.0	63.0	62.2	61.2
82.5°	86.6	90.0	93.1	96.0	98.7	101.1	103.3	105.3	107.0	106.8	106.3
80°	125.9	131.6	137.2	142.8	148.3	151.6	154.1	155.9	157.1	157.7	157.8
77.5°	169.2	177.9	187.0	196.0	204.8	209.8	213.4	216.4	218.8	219.3	218.8
75°	217.2	228.4	240.9	251.7	261.1	266.9	270.9	274.3	277.0	277.7	277.4
72.5°	273.0	286.9	298.0	307.2	315.1	321.3	326.3	330.6	334.1	335.5	335.7
70°	327.9	341.6	352.2	361.5	369.2	375.7	381.7	386.9	391.1	394.3	396.6
67.5°	383.5	399.2	410.0	418.5	425.1	431.8	439.8	446.8	452.6	456.5	458.4
65°	440.6	456.8	467.2	476.4	484.5	493.1	502.0	508.5	512.8	515.5	517.3
62.5°	495.8	510.9	524.1	536.3	548.0	557.8	563.9	569.4	574.1	578.0	581.0
60°	543.3	562.6	577.3	589.0	600.5	611.5	619.0	625.0	629.6	633.1	635.2
57.5°	583.9	603.4	620.8	632.2	644.6	657.9	666.6	671.6	676.2	680.1	681.9
55°	619.3	637.4	653.4	668.9	682.9	694.8	704.0	710.8	716.4	720.9	722.4
52.5°	651.1	670.8	689.6	706.2	719.8	731.2	740.4	748.7	755.1	759.4	761.4
50°	684.6	705.8	726.0	744.0	758.1	770.9	782.3	792.1	801.6	809.0	814.4
47.5°	717.5	740.2	762.4	782.3	799.2	817.7	834.3	848.3	862.1	873.2	880.9
45°	750.8	776.9	801.1	826.7	849.5	873.8	896.3	915.7	935.6	950.7	960.9
42.5°	787.7	817.3	846.4	878.3	909.4	941.0	975.2	1005.6	1029.1	1051.2	1069.1
40°	827.2	861.1	899.1	938.2	984.1	1025.9	1071.7	1111.0	1146.6	1184.3	1214.2
37.5°	869.4	911.7	961.6	1014.0	1073.4	1130.5	1190.3	1249.2	1300.6	1361.1	1407.4
35°	915.9	972.5	1034.0	1104.8	1178.7	1260.5	1342.4	1437.0	1518.5	1608.1	1686.1
32.5°	971.1	1038.6	1119.3	1212.6	1307.7	1431.7	1547.6	1698.3	1828.5	1970.7	2113.9
30°	1027.9	1116.1	1220.2	1337.8	1488.9	1659.5	1849.5	2073.6	2304.7	2528.3	2798.0
27.5°	1098.2	1204.7	1330.7	1502.5	1725.0	1955.5	2282.3	2618.7	3043.4	3394.7	3889.9
25°	1171.2	1296.5	1475.6	1709.4	1999.7	2399.7	2895.7	3433.3	4180.6	4837.0	5607.0
22.5°	1250.7	1420.0	1642.8	1931.3	2371.5	2985.5	3736.6	4748.7	5850.8	7020.9	8184.9
20°	1333.6	1538.3	1830.4	2248.5	2852.5	3684.2	4973.5	6535.9	8110.4	10041.2	11750.9
17.5°	1429.5	1690.1	2050.0	2572.8	3379.0	4652.9	6441.5	8622.8	11065.5	13841.6	16306.3
15°	1509.4	1820.2	2274.4	3005.9	4114.6	5750.6	8006.2	11006.9	14677.7	18406.0	22188.6
12.5°	1602.3	1961.6	2495.1	3367.4	4759.8	6934.0	10004.3	13802.4	18386.8	23558.1	29654.4
10°	1684.6	2100.6	2763.7	3843.4	5545.1	8168.2	11894.5	16463.9	22380.0	29820.3	39260.9
7.5°	1745.7	2211.1	2971.1	4205.8	6224.0	9354.9	13680.4	19378.4	26895.8	36720.7	49677.1
5°	1785.3	2291.1	3117.8	4485.3	6755.4	10238.1	14989.2	21445.5	30514.7	44410.4	66350.5
2.5°	1809.0	2338.5	3201.6	4649.3	7078.6	10823.2	15985.0	23008.5	32860.0	49162.6	77074.5
0°	1819.6	2351.7	3251.7	4736.3	7186.5	11049.1	16442.3	23720.8	33909.4	50273.0	78960.0
-2.5°	1809.0	2338.5	3201.6	4649.3	7078.6	10823.2	15985.0	23008.5	32860.0	49162.6	77074.5
-5°	1785.3	2291.1	3117.8	4485.3	6755.4	10238.1	14989.2	21445.5	30514.7	44410.4	66350.5
-7.5°	1745.7	2211.1	2971.1	4205.8	6224.0	9354.9	13680.4	19378.4	26895.8	36720.7	49677.1
-10°	1684.6	2100.6	2763.7	3843.4	5545.1	8168.2	11894.5	16463.9	22380.0	29820.3	39260.9
-12.5°	1602.3	1961.6	2495.1	3367.4	4759.8	6934.0	10004.3	13802.4	18386.8	23558.1	29654.4
-15°	1509.4	1820.2	2274.4	3005.9	4114.6	5750.6	8006.2	11006.9	14677.7	18406.0	22188.6
-17.5°	1429.5	1690.1	2050.0	2572.8	3379.0	4652.9	6441.5	8622.8	11065.5	13841.6	16306.3
-20°	1333.6	1538.3	1830.4	2248.5	2852.5	3684.2	4973.5	6535.9	8110.4	10041.2	11750.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627469 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-740-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1250.7	1420.0	1642.8	1931.3	2371.5	2985.5	3736.6	4748.7	5850.8	7020.9	8184.9
-25°	1171.2	1296.5	1475.6	1709.4	1999.7	2399.7	2895.7	3433.3	4180.6	4837.0	5607.0
-27.5°	1098.2	1204.7	1330.7	1502.5	1725.0	1955.5	2282.3	2618.7	3043.4	3394.7	3889.9
-30°	1027.9	1116.1	1220.2	1337.8	1488.9	1659.5	1849.5	2073.6	2304.7	2528.3	2798.0
-32.5°	971.1	1038.6	1119.3	1212.6	1307.7	1431.7	1547.6	1698.3	1828.5	1970.7	2113.9
-35°	915.9	972.5	1034.0	1104.8	1178.7	1260.5	1342.4	1437.0	1518.5	1608.1	1686.1
-37.5°	869.4	911.7	961.6	1014.0	1073.4	1130.5	1190.3	1249.2	1300.6	1361.1	1407.4
-40°	827.2	861.1	899.1	938.2	984.1	1025.9	1071.7	1111.0	1146.6	1184.3	1214.2
-42.5°	787.7	817.3	846.4	878.3	909.4	941.0	975.2	1005.6	1029.1	1051.2	1069.1
-45°	750.8	776.9	801.1	826.7	849.5	873.8	896.3	915.7	935.6	950.7	960.9
-47.5°	717.5	740.2	762.4	782.3	799.2	817.7	834.3	848.3	862.1	873.2	880.9
-50°	684.6	705.8	726.0	744.0	758.1	770.9	782.3	792.1	801.6	809.0	814.4
-52.5°	651.1	670.8	689.6	706.2	719.8	731.2	740.4	748.7	755.1	759.4	761.4
-55°	619.3	637.4	653.4	668.9	682.9	694.8	704.0	710.8	716.4	720.9	722.4
-57.5°	583.9	603.4	620.8	632.2	644.6	657.9	666.6	671.6	676.2	680.1	681.9
-60°	543.3	562.6	577.3	589.0	600.5	611.5	619.0	625.0	629.6	633.1	635.2
-62.5°	495.8	510.9	524.1	536.3	548.0	557.8	563.9	569.4	574.1	578.0	581.0
-65°	440.6	456.8	467.2	476.4	484.5	493.1	502.0	508.5	512.8	515.5	517.3
-67.5°	383.5	399.2	410.0	418.5	425.1	431.8	439.8	446.8	452.6	456.5	458.4
-70°	327.9	341.6	352.2	361.5	369.2	375.7	381.7	386.9	391.1	394.3	396.6
-72.5°	273.0	286.9	298.0	307.2	315.1	321.3	326.3	330.6	334.1	335.5	335.7
-75°	217.2	228.4	240.9	251.7	261.1	266.9	270.9	274.3	277.0	277.7	277.4
-77.5°	169.2	177.9	187.0	196.0	204.8	209.8	213.4	216.4	218.8	219.3	218.8
-80°	125.9	131.6	137.2	142.8	148.3	151.6	154.1	155.9	157.1	157.7	157.8
-82.5°	86.6	90.0	93.1	96.0	98.7	101.1	103.3	105.3	107.0	106.8	106.3
-85°	51.4	53.3	55.1	56.8	58.3	59.7	60.9	62.0	63.0	62.2	61.2
-87.5°	21.5	22.2	22.8	23.3	23.8	24.3	24.7	25.1	25.4	24.1	22.7
-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: P627469 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-740-U-NR-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°	21.2	19.6	19.7	19.7	19.7	19.6	21.2	22.7	24.1	25.4	25.1
85°	60.1	58.8	59.0	59.1	59.0	58.8	60.1	61.2	62.2	63.0	62.0
82.5°	105.6	104.6	105.0	105.1	105.0	104.6	105.6	106.3	106.8	107.0	105.3
80°	157.6	156.9	154.3	151.1	154.3	156.9	157.6	157.8	157.7	157.1	155.9
77.5°	217.7	215.8	213.3	210.2	213.3	215.8	217.7	218.8	219.3	218.8	216.4
75°	276.4	274.7	275.5	275.9	275.5	274.7	276.4	277.4	277.7	277.0	274.3
72.5°	335.1	333.7	334.6	335.0	334.6	333.7	335.1	335.7	335.5	334.1	330.6
70°	398.1	398.8	397.1	394.1	397.1	398.8	398.1	396.6	394.3	391.1	386.9
67.5°	458.9	458.2	456.3	453.3	456.3	458.2	458.9	458.4	456.5	452.6	446.8
65°	517.9	517.3	518.4	519.0	518.4	517.3	517.9	517.3	515.5	512.8	508.5
62.5°	582.5	582.5	581.1	578.1	581.1	582.5	582.5	581.0	578.0	574.1	569.4
60°	636.0	635.6	633.7	630.6	633.7	635.6	636.0	635.2	633.1	629.6	625.0
57.5°	682.5	681.9	679.9	676.6	679.9	681.9	682.5	681.9	680.1	676.2	671.6
55°	722.6	721.6	719.4	716.0	719.4	721.6	722.6	722.4	720.9	716.4	710.8
52.5°	761.9	761.1	761.3	762.0	761.3	761.1	761.9	761.4	759.4	755.1	748.7
50°	817.7	818.8	817.8	814.6	817.8	818.8	817.7	814.4	809.0	801.6	792.1
47.5°	884.5	884.9	883.4	880.3	883.4	884.9	884.5	880.9	873.2	862.1	848.3
45°	968.8	973.6	974.9	972.2	974.9	973.6	968.8	960.9	950.7	935.6	915.7
42.5°	1082.9	1090.3	1092.5	1090.5	1092.5	1090.3	1082.9	1069.1	1051.2	1029.1	1005.6
40°	1232.6	1241.1	1242.7	1241.6	1242.7	1241.1	1232.6	1214.2	1184.3	1146.6	1111.0
37.5°	1439.8	1460.6	1470.3	1471.5	1470.3	1460.6	1439.8	1407.4	1361.1	1300.6	1249.2
35°	1745.6	1786.9	1808.9	1819.6	1808.9	1786.9	1745.6	1686.1	1608.1	1518.5	1437.0
32.5°	2222.4	2305.0	2350.7	2345.2	2350.7	2305.0	2222.4	2113.9	1970.7	1828.5	1698.3
30°	3001.2	3145.7	3218.4	3199.1	3218.4	3145.7	3001.2	2798.0	2528.3	2304.7	2073.6
27.5°	4245.6	4506.7	4657.7	4637.8	4657.7	4506.7	4245.6	3889.9	3394.7	3043.4	2618.7
25°	6250.6	6727.1	7032.2	6956.6	7032.2	6727.1	6250.6	5607.0	4837.0	4180.6	3433.3
22.5°	9300.7	10107.9	10642.1	10576.2	10642.1	10107.9	9300.7	8184.9	7020.9	5850.8	4748.7
20°	13484.5	14713.1	15590.4	15706.6	15590.4	14713.1	13484.5	11750.9	10041.2	8110.4	6535.9
17.5°	18968.7	20916.7	22272.7	22499.0	22272.7	20916.7	18968.7	16306.3	13841.6	11065.5	8622.8
15°	26096.2	29280.0	31584.3	31774.5	31584.3	29280.0	26096.2	22188.6	18406.0	14677.7	11006.9
12.5°	35774.1	42177.9	46357.2	48197.1	46357.2	42177.9	35774.1	29654.4	23558.1	18386.8	13802.4
10°	49168.0	63877.0	73296.9	76838.2	73296.9	63877.0	49168.0	39260.9	29820.3	22380.0	16463.9
7.5°	71539.9	94633.4	120307.3	131249.7	120307.3	94633.4	71539.9	49677.1	36720.7	26895.8	19378.4
5°	96874.2	144802.5	190390.8	208192.9	190390.8	144802.5	96874.2	66350.5	44410.4	30514.7	21445.5
2.5°	123532.4	190337.4	252938.9	277420.9	252938.9	190337.4	123532.4	77074.5	49162.6	32860.0	23008.5
0°	133943.0	210275.3	279151.9	306603.9	279151.9	210275.3	133943.0	78960.0	50273.0	33909.4	23720.8
-2.5°	123532.4	190337.4	252938.9	277420.9	252938.9	190337.4	123532.4	77074.5	49162.6	32860.0	23008.5
-5°	96874.2	144802.5	190390.8	208192.9	190390.8	144802.5	96874.2	66350.5	44410.4	30514.7	21445.5
-7.5°	71539.9	94633.4	120307.3	131249.7	120307.3	94633.4	71539.9	49677.1	36720.7	26895.8	19378.4
-10°	49168.0	63877.0	73296.9	76838.2	73296.9	63877.0	49168.0	39260.9	29820.3	22380.0	16463.9
-12.5°	35774.1	42177.9	46357.2	48197.1	46357.2	42177.9	35774.1	29654.4	23558.1	18386.8	13802.4
-15°	26096.2	29280.0	31584.3	31774.5	31584.3	29280.0	26096.2	22188.6	18406.0	14677.7	11006.9
-17.5°	18968.7	20916.7	22272.7	22499.0	22272.7	20916.7	18968.7	16306.3	13841.6	11065.5	8622.8
-20°	13484.5	14713.1	15590.4	15706.6	15590.4	14713.1	13484.5	11750.9	10041.2	8110.4	6535.9



REPORT NUMBER: P627469 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-740-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9300.7	10107.9	10642.1	10576.2	10642.1	10107.9	9300.7	8184.9	7020.9	5850.8	4748.7
-25°	6250.6	6727.1	7032.2	6956.6	7032.2	6727.1	6250.6	5607.0	4837.0	4180.6	3433.3
-27.5°	4245.6	4506.7	4657.7	4637.8	4657.7	4506.7	4245.6	3889.9	3394.7	3043.4	2618.7
-30°	3001.2	3145.7	3218.4	3199.1	3218.4	3145.7	3001.2	2798.0	2528.3	2304.7	2073.6
-32.5°	2222.4	2305.0	2350.7	2345.2	2350.7	2305.0	2222.4	2113.9	1970.7	1828.5	1698.3
-35°	1745.6	1786.9	1808.9	1819.6	1808.9	1786.9	1745.6	1686.1	1608.1	1518.5	1437.0
-37.5°	1439.8	1460.6	1470.3	1471.5	1470.3	1460.6	1439.8	1407.4	1361.1	1300.6	1249.2
-40°	1232.6	1241.1	1242.7	1241.6	1242.7	1241.1	1232.6	1214.2	1184.3	1146.6	1111.0
-42.5°	1082.9	1090.3	1092.5	1090.5	1092.5	1090.3	1082.9	1069.1	1051.2	1029.1	1005.6
-45°	968.8	973.6	974.9	972.2	974.9	973.6	968.8	960.9	950.7	935.6	915.7
-47.5°	884.5	884.9	883.4	880.3	883.4	884.9	884.5	880.9	873.2	862.1	848.3
-50°	817.7	818.8	817.8	814.6	817.8	818.8	817.7	814.4	809.0	801.6	792.1
-52.5°	761.9	761.1	761.3	762.0	761.3	761.1	761.9	761.4	759.4	755.1	748.7
-55°	722.6	721.6	719.4	716.0	719.4	721.6	722.6	722.4	720.9	716.4	710.8
-57.5°	682.5	681.9	679.9	676.6	679.9	681.9	682.5	681.9	680.1	676.2	671.6
-60°	636.0	635.6	633.7	630.6	633.7	635.6	636.0	635.2	633.1	629.6	625.0
-62.5°	582.5	582.5	581.1	578.1	581.1	582.5	582.5	581.0	578.0	574.1	569.4
-65°	517.9	517.3	518.4	519.0	518.4	517.3	517.9	517.3	515.5	512.8	508.5
-67.5°	458.9	458.2	456.3	453.3	456.3	458.2	458.9	458.4	456.5	452.6	446.8
-70°	398.1	398.8	397.1	394.1	397.1	398.8	398.1	396.6	394.3	391.1	386.9
-72.5°	335.1	333.7	334.6	335.0	334.6	333.7	335.1	335.7	335.5	334.1	330.6
-75°	276.4	274.7	275.5	275.9	275.5	274.7	276.4	277.4	277.7	277.0	274.3
-77.5°	217.7	215.8	213.3	210.2	213.3	215.8	217.7	218.8	219.3	218.8	216.4
-80°	157.6	156.9	154.3	151.1	154.3	156.9	157.6	157.8	157.7	157.1	155.9
-82.5°	105.6	104.6	105.0	105.1	105.0	104.6	105.6	106.3	106.8	107.0	105.3
-85°	60.1	58.8	59.0	59.1	59.0	58.8	60.1	61.2	62.2	63.0	62.0
-87.5°	21.2	19.6	19.7	19.7	19.7	19.6	21.2	22.7	24.1	25.4	25.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627469 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-740-U-NR-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°	24.7	24.3	23.8	23.3	22.8	22.2	21.5	20.9	20.1	19.4	18.6
85°	60.9	59.7	58.3	56.8	55.1	53.3	51.4	48.4	45.4	42.6	39.9
82.5°	103.3	101.1	98.7	96.0	93.1	90.0	86.6	81.9	76.9	71.3	65.5
80°	154.1	151.6	148.3	142.8	137.2	131.6	125.9	120.5	114.7	108.7	102.3
77.5°	213.4	209.8	204.8	196.0	187.0	177.9	169.2	161.8	154.6	147.0	139.1
75°	270.9	266.9	261.1	251.7	240.9	228.4	217.2	207.9	198.1	187.9	177.1
72.5°	326.3	321.3	315.1	307.2	298.0	286.9	273.0	258.3	244.2	230.8	218.0
70°	381.7	375.7	369.2	361.5	352.2	341.6	327.9	311.3	292.4	274.0	260.1
67.5°	439.8	431.8	425.1	418.5	410.0	399.2	383.5	366.3	347.7	326.4	306.7
65°	502.0	493.1	484.5	476.4	467.2	456.8	440.6	421.7	401.5	380.2	357.9
62.5°	563.9	557.8	548.0	536.3	524.1	510.9	495.8	477.3	455.5	430.8	406.3
60°	619.0	611.5	600.5	589.0	577.3	562.6	543.3	526.2	511.6	483.6	454.3
57.5°	666.6	657.9	644.6	632.2	620.8	603.4	583.9	564.6	545.6	526.2	501.0
55°	704.0	694.8	682.9	668.9	653.4	637.4	619.3	598.7	578.6	560.8	537.6
52.5°	740.4	731.2	719.8	706.2	689.6	670.8	651.1	630.6	611.8	593.6	572.7
50°	782.3	770.9	758.1	744.0	726.0	705.8	684.6	662.5	643.2	624.5	604.8
47.5°	834.3	817.7	799.2	782.3	762.4	740.2	717.5	695.4	674.2	652.3	632.4
45°	896.3	873.8	849.5	826.7	801.1	776.9	750.8	727.7	705.0	681.3	656.7
42.5°	975.2	941.0	909.4	878.3	846.4	817.3	787.7	760.7	735.1	709.8	683.3
40°	1071.7	1025.9	984.1	938.2	899.1	861.1	827.2	793.5	765.0	737.6	708.4
37.5°	1190.3	1130.5	1073.4	1014.0	961.6	911.7	869.4	830.5	793.5	763.6	732.8
35°	1342.4	1260.5	1178.7	1104.8	1034.0	972.5	915.9	869.4	827.2	788.5	756.2
32.5°	1547.6	1431.7	1307.7	1212.6	1119.3	1038.6	971.1	911.7	861.1	817.3	778.5
30°	1849.5	1659.5	1488.9	1337.8	1220.2	1116.1	1027.9	959.3	899.1	846.4	801.1
27.5°	2282.3	1955.5	1725.0	1502.5	1330.7	1204.7	1098.2	1008.1	937.4	878.3	826.3
25°	2895.7	2399.7	1999.7	1709.4	1475.6	1296.5	1171.2	1066.8	980.3	909.1	846.5
22.5°	3736.6	2985.5	2371.5	1931.3	1642.8	1420.0	1250.7	1124.8	1019.5	936.1	868.0
20°	4973.5	3684.2	2852.5	2248.5	1830.4	1538.3	1333.6	1185.4	1063.6	964.1	886.7
17.5°	6441.5	4652.9	3379.0	2572.8	2050.0	1690.1	1429.5	1241.1	1103.6	988.5	902.0
15°	8006.2	5750.6	4114.6	3005.9	2274.4	1820.2	1509.4	1290.5	1141.8	1015.4	921.0
12.5°	10004.3	6934.0	4759.8	3367.4	2495.1	1961.6	1602.3	1353.0	1179.4	1044.4	940.7
10°	11894.5	8168.2	5545.1	3843.4	2763.7	2100.6	1684.6	1401.2	1208.4	1067.5	956.8
7.5°	13680.4	9354.9	6224.0	4205.8	2971.1	2211.1	1745.7	1435.9	1229.1	1083.7	969.0
5°	14989.2	10238.1	6755.4	4485.3	3117.8	2291.1	1785.3	1457.5	1241.4	1093.2	977.4
2.5°	15985.0	10823.2	7078.6	4649.3	3201.6	2338.5	1809.0	1474.0	1253.4	1100.9	986.6
0°	16442.3	11049.1	7186.5	4736.3	3251.7	2351.7	1819.6	1484.6	1261.3	1103.6	991.9
-2.5°	15985.0	10823.2	7078.6	4649.3	3201.6	2338.5	1809.0	1474.0	1253.4	1100.9	986.6
-5°	14989.2	10238.1	6755.4	4485.3	3117.8	2291.1	1785.3	1457.5	1241.4	1093.2	977.4
-7.5°	13680.4	9354.9	6224.0	4205.8	2971.1	2211.1	1745.7	1435.9	1229.1	1083.7	969.0
-10°	11894.5	8168.2	5545.1	3843.4	2763.7	2100.6	1684.6	1401.2	1208.4	1067.5	956.8
-12.5°	10004.3	6934.0	4759.8	3367.4	2495.1	1961.6	1602.3	1353.0	1179.4	1044.4	940.7
-15°	8006.2	5750.6	4114.6	3005.9	2274.4	1820.2	1509.4	1290.5	1141.8	1015.4	921.0
-17.5°	6441.5	4652.9	3379.0	2572.8	2050.0	1690.1	1429.5	1241.1	1103.6	988.5	902.0
-20°	4973.5	3684.2	2852.5	2248.5	1830.4	1538.3	1333.6	1185.4	1063.6	964.1	886.7



Classified

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

Scaled Data Report



REPORT NUMBER: P627469 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-740-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3736.6	2985.5	2371.5	1931.3	1642.8	1420.0	1250.7	1124.8	1019.5	936.1	868.0
-25°	2895.7	2399.7	1999.7	1709.4	1475.6	1296.5	1171.2	1066.8	980.3	909.1	846.5
-27.5°	2282.3	1955.5	1725.0	1502.5	1330.7	1204.7	1098.2	1008.1	937.4	878.3	826.3
-30°	1849.5	1659.5	1488.9	1337.8	1220.2	1116.1	1027.9	959.3	899.1	846.4	801.1
-32.5°	1547.6	1431.7	1307.7	1212.6	1119.3	1038.6	971.1	911.7	861.1	817.3	778.5
-35°	1342.4	1260.5	1178.7	1104.8	1034.0	972.5	915.9	869.4	827.2	788.5	756.2
-37.5°	1190.3	1130.5	1073.4	1014.0	961.6	911.7	869.4	830.5	793.5	763.6	732.8
-40°	1071.7	1025.9	984.1	938.2	899.1	861.1	827.2	793.5	765.0	737.6	708.4
-42.5°	975.2	941.0	909.4	878.3	846.4	817.3	787.7	760.7	735.1	709.8	683.3
-45°	896.3	873.8	849.5	826.7	801.1	776.9	750.8	727.7	705.0	681.3	656.7
-47.5°	834.3	817.7	799.2	782.3	762.4	740.2	717.5	695.4	674.2	652.3	632.4
-50°	782.3	770.9	758.1	744.0	726.0	705.8	684.6	662.5	643.2	624.5	604.8
-52.5°	740.4	731.2	719.8	706.2	689.6	670.8	651.1	630.6	611.8	593.6	572.7
-55°	704.0	694.8	682.9	668.9	653.4	637.4	619.3	598.7	578.6	560.8	537.6
-57.5°	666.6	657.9	644.6	632.2	620.8	603.4	583.9	564.6	545.6	526.2	501.0
-60°	619.0	611.5	600.5	589.0	577.3	562.6	543.3	526.2	511.6	483.6	454.3
-62.5°	563.9	557.8	548.0	536.3	524.1	510.9	495.8	477.3	455.5	430.8	406.3
-65°	502.0	493.1	484.5	476.4	467.2	456.8	440.6	421.7	401.5	380.2	357.9
-67.5°	439.8	431.8	425.1	418.5	410.0	399.2	383.5	366.3	347.7	326.4	306.7
-70°	381.7	375.7	369.2	361.5	352.2	341.6	327.9	311.3	292.4	274.0	260.1
-72.5°	326.3	321.3	315.1	307.2	298.0	286.9	273.0	258.3	244.2	230.8	218.0
-75°	270.9	266.9	261.1	251.7	240.9	228.4	217.2	207.9	198.1	187.9	177.1
-77.5°	213.4	209.8	204.8	196.0	187.0	177.9	169.2	161.8	154.6	147.0	139.1
-80°	154.1	151.6	148.3	142.8	137.2	131.6	125.9	120.5	114.7	108.7	102.3
-82.5°	103.3	101.1	98.7	96.0	93.1	90.0	86.6	81.9	76.9	71.3	65.5
-85°	60.9	59.7	58.3	56.8	55.1	53.3	51.4	48.4	45.4	42.6	39.9
-87.5°	24.7	24.3	23.8	23.3	22.8	22.2	21.5	20.9	20.1	19.4	18.6
-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: P627469 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4D-740-U-NR-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°	17.8	16.9	16.0	15.1	14.1	13.1	12.1	11.1	10.1	9.0	7.9
85°	38.4	36.6	34.5	32.1	29.2	26.3	24.3	22.2	20.1	18.0	15.8
82.5°	62.1	59.8	57.5	54.6	50.3	45.9	41.4	36.7	32.0	27.2	23.7
80°	96.2	90.3	84.6	78.9	72.2	65.4	59.4	53.2	46.9	40.6	34.1
77.5°	130.8	122.1	113.2	104.9	96.6	88.0	79.2	70.3	61.8	53.8	45.7
75°	165.9	155.3	144.6	133.5	122.1	110.5	100.0	89.2	78.3	67.1	57.2
72.5°	204.9	191.3	177.2	162.8	149.5	135.8	121.8	108.0	95.3	82.3	69.2
70°	245.6	228.7	211.9	195.8	178.8	161.0	145.0	128.7	112.1	97.3	82.3
67.5°	288.3	271.1	251.2	229.8	210.5	190.5	168.8	149.7	131.0	112.1	95.3
65°	335.1	313.6	293.0	268.2	243.8	220.5	197.0	171.6	149.7	128.7	108.0
62.5°	380.9	354.9	330.2	304.7	278.2	251.3	224.8	196.3	168.6	145.0	121.8
60°	426.2	397.4	366.6	337.7	310.0	281.7	251.6	220.2	189.9	161.0	135.8
57.5°	469.1	439.0	404.2	370.3	339.2	309.6	277.4	243.4	210.4	178.5	149.4
55°	509.1	475.5	439.4	402.7	367.6	335.1	301.7	265.7	230.2	195.8	162.4
52.5°	546.0	510.8	472.3	433.3	395.1	359.7	324.5	287.1	249.2	212.5	176.5
50°	580.4	545.9	505.0	463.1	421.3	383.9	346.8	307.7	267.4	228.4	190.3
47.5°	610.1	577.4	537.9	492.5	447.9	407.7	368.8	327.8	284.7	243.7	203.7
45°	634.4	606.6	568.5	522.9	475.0	432.4	390.4	347.5	302.4	258.3	216.4
42.5°	656.9	631.1	596.7	552.7	503.0	456.7	411.5	366.6	319.6	272.4	228.7
40°	680.0	652.5	622.9	578.6	529.1	480.1	432.7	385.2	336.2	286.2	240.4
37.5°	701.4	672.9	642.9	602.6	552.7	502.1	453.0	403.2	351.7	299.9	251.4
35°	723.2	691.3	660.2	621.4	573.1	522.2	472.3	420.5	366.2	312.7	261.9
32.5°	744.0	708.3	674.7	636.8	591.8	540.2	489.6	435.6	379.9	324.5	271.6
30°	763.0	724.3	688.8	651.7	607.7	555.9	504.2	449.3	392.6	335.2	280.9
27.5°	778.2	737.5	702.1	664.4	620.4	570.0	517.0	461.5	404.3	345.2	289.6
25°	793.4	749.7	712.8	676.1	632.4	584.3	528.9	472.4	414.5	354.6	297.4
22.5°	810.2	761.0	721.1	687.1	644.5	598.1	540.2	481.9	423.4	363.1	304.4
20°	825.0	770.8	727.4	695.8	654.3	608.3	551.0	490.5	431.0	370.5	310.5
17.5°	838.1	781.3	735.6	700.9	661.9	617.1	560.9	498.1	437.5	377.1	315.7
15°	851.8	792.3	742.9	705.1	668.0	624.4	570.0	504.6	442.7	382.6	320.4
12.5°	863.9	801.3	748.8	708.4	672.7	630.4	577.9	510.0	446.8	387.2	324.6
10°	874.0	808.3	753.2	710.6	676.0	635.0	584.8	515.3	451.1	390.8	328.2
7.5°	881.9	813.1	756.0	711.8	678.3	638.6	590.6	521.3	454.8	393.2	331.1
5°	887.6	816.9	760.5	715.9	681.0	641.5	594.7	526.2	457.5	394.5	333.3
2.5°	892.0	820.1	765.3	719.7	682.7	643.2	597.0	529.8	459.2	394.8	334.6
0°	893.4	821.1	768.6	722.6	683.2	643.8	597.8	532.1	459.8	394.1	335.0
-2.5°	892.0	820.1	765.3	719.7	682.7	643.2	597.0	529.8	459.2	394.8	334.6
-5°	887.6	816.9	760.5	715.9	681.0	641.5	594.7	526.2	457.5	394.5	333.3
-7.5°	881.9	813.1	756.0	711.8	678.3	638.6	590.6	521.3	454.8	393.2	331.1
-10°	874.0	808.3	753.2	710.6	676.0	635.0	584.8	515.3	451.1	390.8	328.2
-12.5°	863.9	801.3	748.8	708.4	672.7	630.4	577.9	510.0	446.8	387.2	324.6
-15°	851.8	792.3	742.9	705.1	668.0	624.4	570.0	504.6	442.7	382.6	320.4
-17.5°	838.1	781.3	735.6	700.9	661.9	617.1	560.9	498.1	437.5	377.1	315.7
-20°	825.0	770.8	727.4	695.8	654.3	608.3	551.0	490.5	431.0	370.5	310.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627469 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4D-740-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	810.2	761.0	721.1	687.1	644.5	598.1	540.2	481.9	423.4	363.1	304.4
-25°	793.4	749.7	712.8	676.1	632.4	584.3	528.9	472.4	414.5	354.6	297.4
-27.5°	778.2	737.5	702.1	664.4	620.4	570.0	517.0	461.5	404.3	345.2	289.6
-30°	763.0	724.3	688.8	651.7	607.7	555.9	504.2	449.3	392.6	335.2	280.9
-32.5°	744.0	708.3	674.7	636.8	591.8	540.2	489.6	435.6	379.9	324.5	271.6
-35°	723.2	691.3	660.2	621.4	573.1	522.2	472.3	420.5	366.2	312.7	261.9
-37.5°	701.4	672.9	642.9	602.6	552.7	502.1	453.0	403.2	351.7	299.9	251.4
-40°	680.0	652.5	622.9	578.6	529.1	480.1	432.7	385.2	336.2	286.2	240.4
-42.5°	656.9	631.1	596.7	552.7	503.0	456.7	411.5	366.6	319.6	272.4	228.7
-45°	634.4	606.6	568.5	522.9	475.0	432.4	390.4	347.5	302.4	258.3	216.4
-47.5°	610.1	577.4	537.9	492.5	447.9	407.7	368.8	327.8	284.7	243.7	203.7
-50°	580.4	545.9	505.0	463.1	421.3	383.9	346.8	307.7	267.4	228.4	190.3
-52.5°	546.0	510.8	472.3	433.3	395.1	359.7	324.5	287.1	249.2	212.5	176.5
-55°	509.1	475.5	439.4	402.7	367.6	335.1	301.7	265.7	230.2	195.8	162.4
-57.5°	469.1	439.0	404.2	370.3	339.2	309.6	277.4	243.4	210.4	178.5	149.4
-60°	426.2	397.4	366.6	337.7	310.0	281.7	251.6	220.2	189.9	161.0	135.8
-62.5°	380.9	354.9	330.2	304.7	278.2	251.3	224.8	196.3	168.6	145.0	121.8
-65°	335.1	313.6	293.0	268.2	243.8	220.5	197.0	171.6	149.7	128.7	108.0
-67.5°	288.3	271.1	251.2	229.8	210.5	190.5	168.8	149.7	131.0	112.1	95.3
-70°	245.6	228.7	211.9	195.8	178.8	161.0	145.0	128.7	112.1	97.3	82.3
-72.5°	204.9	191.3	177.2	162.8	149.5	135.8	121.8	108.0	95.3	82.3	69.2
-75°	165.9	155.3	144.6	133.5	122.1	110.5	100.0	89.2	78.3	67.1	57.2
-77.5°	130.8	122.1	113.2	104.9	96.6	88.0	79.2	70.3	61.8	53.8	45.7
-80°	96.2	90.3	84.6	78.9	72.2	65.4	59.4	53.2	46.9	40.6	34.1
-82.5°	62.1	59.8	57.5	54.6	50.3	45.9	41.4	36.7	32.0	27.2	23.7
-85°	38.4	36.6	34.5	32.1	29.2	26.3	24.3	22.2	20.1	18.0	15.8
-87.5°	17.8	16.9	16.0	15.1	14.1	13.1	12.1	11.1	10.1	9.0	7.9
-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: P627469 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: GFLD-SA4D-740-U-NR-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°	6.8	5.7	4.6	3.4	2.3	1.0	0.0
85°	13.6	11.4	9.1	6.9	4.6	2.0	0.0
82.5°	20.4	17.0	13.7	10.3	6.8	3.0	0.0
80°	27.5	22.7	18.2	13.7	9.1	4.0	0.0
77.5°	37.4	29.1	22.7	17.0	11.3	5.0	0.0
75°	47.3	37.0	27.4	20.4	13.5	5.9	0.0
72.5°	56.9	44.7	33.4	23.7	15.6	6.9	0.0
70°	66.6	52.3	39.2	27.1	17.7	7.8	0.0
67.5°	77.6	59.7	45.0	31.2	19.7	8.7	0.0
65°	88.4	67.9	50.6	35.3	21.7	9.6	0.0
62.5°	98.9	76.7	56.0	39.3	23.6	10.4	0.0
60°	109.2	85.3	61.3	43.1	25.4	11.3	0.0
57.5°	120.6	93.7	67.9	46.8	27.8	12.1	0.0
55°	131.8	101.8	74.4	50.4	30.1	12.8	0.0
52.5°	142.6	109.9	80.7	53.8	32.3	13.6	0.0
50°	153.1	118.6	86.8	57.1	34.5	14.3	0.0
47.5°	163.4	127.0	92.7	60.5	36.7	15.0	0.0
45°	174.3	135.1	98.3	64.8	38.7	15.6	0.0
42.5°	184.8	142.8	103.6	68.8	40.7	16.2	0.0
40°	194.7	150.1	109.1	72.7	42.6	16.7	0.0
37.5°	204.2	157.1	114.6	76.5	44.5	17.2	0.0
35°	213.1	164.2	119.9	80.0	46.2	17.7	0.0
32.5°	221.4	171.1	124.8	83.4	47.8	18.1	0.0
30°	229.2	177.6	129.3	86.5	49.4	18.5	0.0
27.5°	236.4	183.5	133.7	89.4	50.9	18.8	0.0
25°	243.0	189.0	137.8	92.1	52.2	19.1	0.0
22.5°	248.9	193.9	141.5	94.5	53.5	19.4	0.0
20°	254.2	198.1	144.9	96.7	54.6	19.6	0.0
17.5°	258.6	201.7	147.9	98.7	55.6	19.7	0.0
15°	262.2	204.7	150.5	100.4	56.5	19.9	0.0
12.5°	265.1	207.1	152.7	101.8	57.3	19.9	0.0
10°	267.3	208.8	154.5	103.0	57.9	20.0	0.0
7.5°	268.8	210.0	155.9	103.9	58.4	20.0	0.0
5°	269.7	210.6	156.9	104.6	58.8	19.9	0.0
2.5°	269.8	210.7	157.5	105.0	59.0	19.8	0.0
0°	269.3	210.2	157.7	105.1	59.1	19.7	0.0
-2.5°	269.8	210.7	157.5	105.0	59.0	19.8	0.0
-5°	269.7	210.6	156.9	104.6	58.8	19.9	0.0
-7.5°	268.8	210.0	155.9	103.9	58.4	20.0	0.0
-10°	267.3	208.8	154.5	103.0	57.9	20.0	0.0
-12.5°	265.1	207.1	152.7	101.8	57.3	19.9	0.0
-15°	262.2	204.7	150.5	100.4	56.5	19.9	0.0
-17.5°	258.6	201.7	147.9	98.7	55.6	19.7	0.0
-20°	254.2	198.1	144.9	96.7	54.6	19.6	0.0

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CATALOG NUMBER: GFLD-SA4D-740-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	248.9	193.9	141.5	94.5	53.5	19.4	0.0
-25°	243.0	189.0	137.8	92.1	52.2	19.1	0.0
-27.5°	236.4	183.5	133.7	89.4	50.9	18.8	0.0
-30°	229.2	177.6	129.3	86.5	49.4	18.5	0.0
-32.5°	221.4	171.1	124.8	83.4	47.8	18.1	0.0
-35°	213.1	164.2	119.9	80.0	46.2	17.7	0.0
-37.5°	204.2	157.1	114.6	76.5	44.5	17.2	0.0
-40°	194.7	150.1	109.1	72.7	42.6	16.7	0.0
-42.5°	184.8	142.8	103.6	68.8	40.7	16.2	0.0
-45°	174.3	135.1	98.3	64.8	38.7	15.6	0.0
-47.5°	163.4	127.0	92.7	60.5	36.7	15.0	0.0
-50°	153.1	118.6	86.8	57.1	34.5	14.3	0.0
-52.5°	142.6	109.9	80.7	53.8	32.3	13.6	0.0
-55°	131.8	101.8	74.4	50.4	30.1	12.8	0.0
-57.5°	120.6	93.7	67.9	46.8	27.8	12.1	0.0
-60°	109.2	85.3	61.3	43.1	25.4	11.3	0.0
-62.5°	98.9	76.7	56.0	39.3	23.6	10.4	0.0
-65°	88.4	67.9	50.6	35.3	21.7	9.6	0.0
-67.5°	77.6	59.7	45.0	31.2	19.7	8.7	0.0
-70°	66.6	52.3	39.2	27.1	17.7	7.8	0.0
-72.5°	56.9	44.7	33.4	23.7	15.6	6.9	0.0
-75°	47.3	37.0	27.4	20.4	13.5	5.9	0.0
-77.5°	37.4	29.1	22.7	17.0	11.3	5.0	0.0
-80°	27.5	22.7	18.2	13.7	9.1	4.0	0.0
-82.5°	20.4	17.0	13.7	10.3	6.8	3.0	0.0
-85°	13.6	11.4	9.1	6.9	4.6	2.0	0.0
-87.5°	6.8	5.7	4.6	3.4	2.3	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)