

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: P627245 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-722-U-MR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627245 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA3E-722-U-MR-XX  
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N61  
Light Source: (48) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

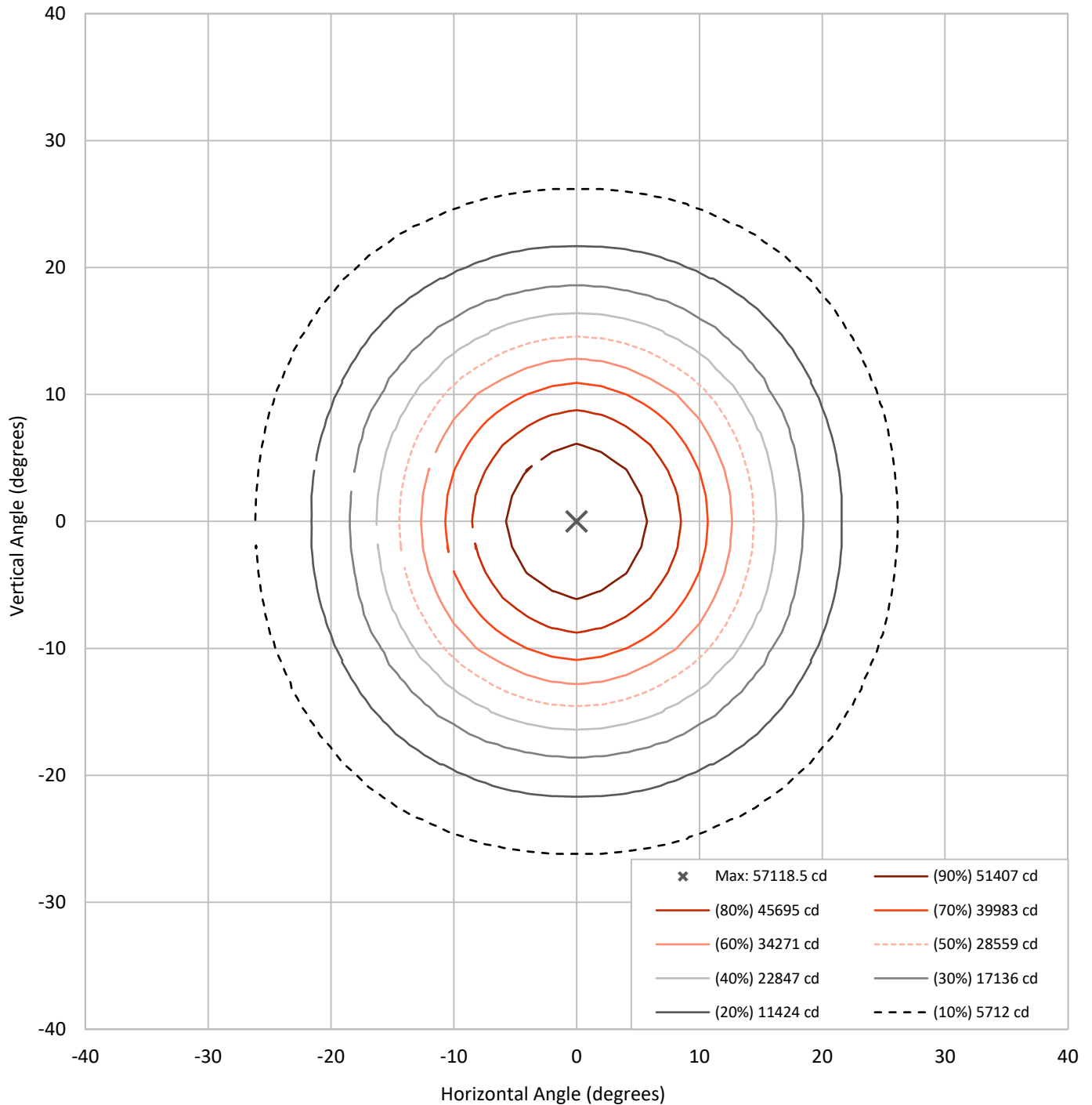
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	17845.8 lumens	Max Intensity:	57118.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	96.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	8676.4 lumens	Field Lumens:	14642.2 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	185.2		
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





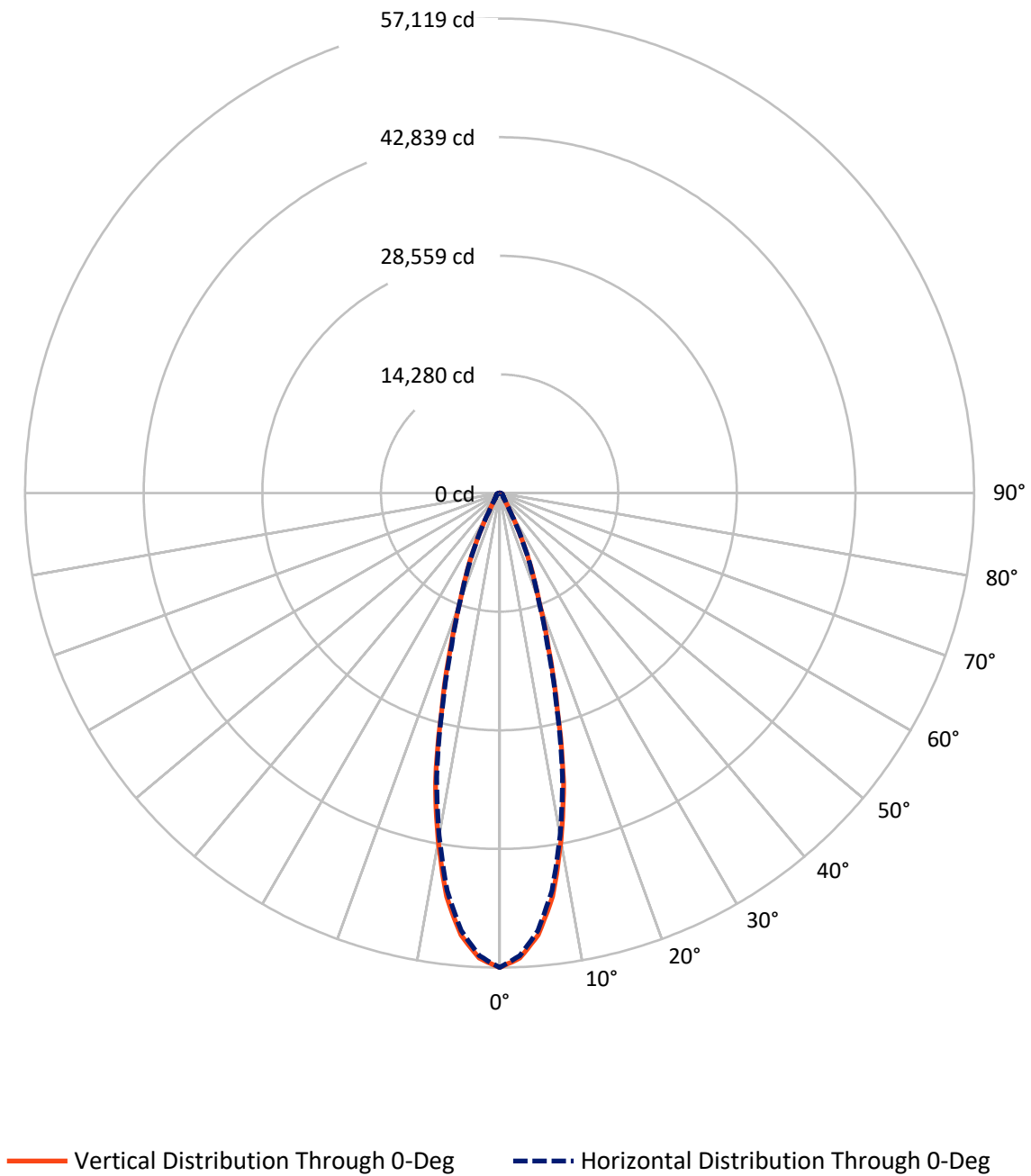
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### Lumen Table

90																			
80	0.3	3.0		7.8		12.2		13.6		12.2		7.8		3.0		0.3			
70																			
60	1.3	1.5	3.1	5.0	7.1	8.6	9.6	10.1	10.1	9.6	8.6	7.1	5.0	3.1	1.5	1.3			
50		2.3	4.6	7.4	10.0	12.3	13.8	14.3	14.3	13.8	12.3	10.0	7.4	4.6	2.3				
40	2.4	2.9	5.9	9.2	12.2	15.5	18.2	19.5	19.5	18.2	15.5	12.2	9.2	5.9	2.9	2.4			
30		3.4	6.9	10.6	15.0	21.4	30.9	40.2	40.2	30.9	21.4	15.0	10.6	6.9	3.4				
20	3.0	3.9	7.6	11.9	19.2	41.7	117.5	208.3	208.3	117.5	41.7	19.2	11.9	7.6	3.9	3.0			
10		4.1	8.0	13.0	26.1	109.5	390.4	748.0	748.0	390.4	109.5	26.1	13.0	8.0	4.1				
0	3.2	4.3	8.1	13.7	33.2	189.1	722.5	1421.3	1421.3	722.5	189.1	33.2	13.7	8.1	4.3	3.2			
-10		4.3	8.1	13.7	33.2	189.1	722.5	1421.3	1421.3	722.5	189.1	33.2	13.7	8.1	4.3				
-20	3.0	4.1	8.0	13.0	26.1	109.5	390.4	748.0	748.0	390.4	109.5	26.1	13.0	8.0	4.1	3.0			
-30		3.9	7.6	11.9	19.2	41.7	117.5	208.3	208.3	117.5	41.7	19.2	11.9	7.6	3.9				
-40	2.4	3.4	6.9	10.6	15.0	21.4	30.9	40.2	40.2	30.9	21.4	15.0	10.6	6.9	3.4	2.4			
-50		2.9	5.9	9.2	12.2	15.5	18.2	19.5	19.5	18.2	15.5	12.2	9.2	5.9	2.9				
-60	1.3	2.3	4.6	7.4	10.0	12.3	13.8	14.3	14.3	13.8	12.3	10.0	7.4	4.6	2.3	1.3			
-70		1.5	3.1	5.0	7.1	8.6	9.6	10.1	10.1	9.6	8.6	7.1	5.0	3.1	1.5				
-80																			
-90	0.3	3.0		7.8		12.2		13.6		12.2		7.8		3.0		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

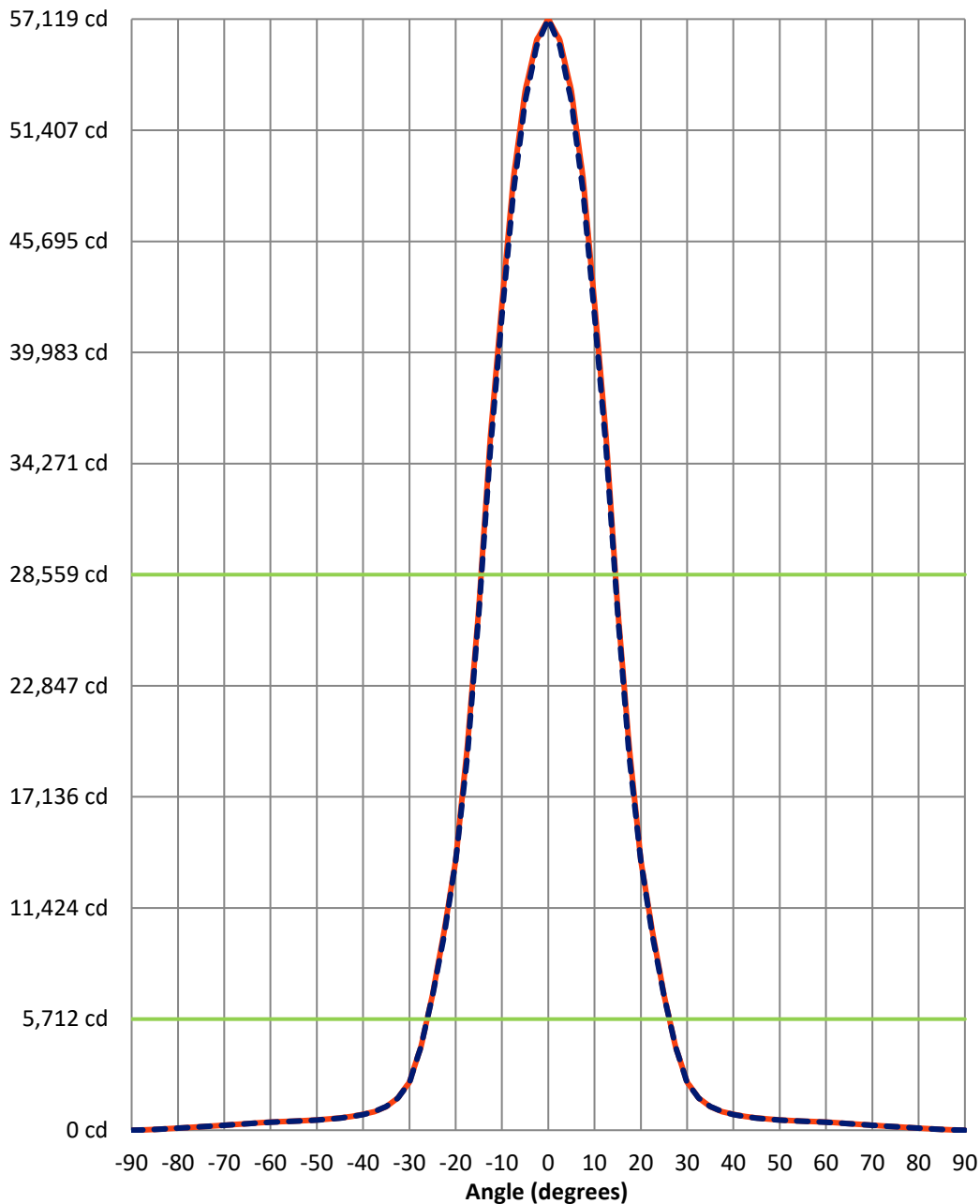
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.8°  
 V Angle: 29°  
 Lumens: 8676.4  
 Efficiency: 48.6%

**Field:**  
 H Angle: 52.3°  
 V Angle: 52.3°  
 Lumens: 14642.2  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 3203.6  
 Efficiency: 18.0%

— 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	0.6	1.3	1.9	2.6	3.2	3.8	4.4	5.0	5.6	6.2
85°	0.0	1.3	2.6	3.8	5.1	6.4	7.6	8.8	10.0	11.2	12.4
82.5°	0.0	1.9	3.8	5.7	7.6	9.5	11.4	13.2	15.3	18.8	22.4
80°	0.0	2.6	5.1	7.6	10.2	12.7	15.5	19.9	24.6	29.5	34.6
77.5°	0.0	3.2	6.4	9.5	12.7	16.6	22.0	27.7	33.8	40.1	47.1
75°	0.0	3.8	7.6	11.4	15.5	22.0	28.4	35.4	43.0	51.9	60.6
72.5°	0.0	4.4	8.8	13.2	19.8	27.3	34.8	43.4	53.8	64.0	74.0
70°	0.0	5.0	10.0	15.3	24.0	32.6	41.3	52.8	64.4	75.9	88.4
67.5°	0.0	5.6	11.2	18.4	28.1	37.8	49.3	62.0	74.9	89.0	102.9
65°	0.0	6.2	12.4	21.5	32.2	43.6	57.2	71.0	86.4	101.9	117.5
62.5°	0.0	6.8	13.6	24.5	36.2	50.0	64.9	80.6	97.7	114.7	132.5
60°	0.0	7.3	14.7	27.4	40.1	56.3	72.4	90.2	108.7	127.6	147.1
57.5°	0.0	7.9	16.6	30.3	45.0	62.5	80.4	99.7	119.6	140.1	161.5
55°	0.0	8.4	18.4	33.1	49.8	68.4	88.1	108.8	130.2	152.3	175.6
52.5°	0.0	8.9	20.2	35.8	54.4	74.3	95.6	117.7	140.3	164.7	189.4
50°	0.0	9.4	22.0	38.4	58.9	80.2	102.7	126.3	150.3	176.7	202.1
47.5°	0.0	9.9	23.7	41.1	63.2	85.9	109.6	134.6	160.6	188.2	214.1
45°	0.0	10.4	25.3	44.2	67.4	91.3	116.4	142.5	170.5	198.4	225.5
42.5°	0.0	10.8	26.8	47.2	71.4	96.4	122.9	150.4	179.8	207.9	235.9
40°	0.0	11.3	28.3	50.0	75.2	101.2	129.1	158.2	188.4	216.9	245.9
37.5°	0.0	11.7	29.7	52.6	78.9	105.8	135.0	165.4	196.1	225.5	255.2
35°	0.0	12.0	31.0	55.1	82.3	110.2	140.6	172.1	203.3	233.7	264.0
32.5°	0.0	12.4	32.3	57.4	85.5	114.6	145.8	178.3	210.0	241.3	272.6
30°	0.0	12.7	33.4	59.4	88.5	118.6	150.8	184.0	216.2	248.4	280.5
27.5°	0.0	13.0	34.5	61.3	91.1	122.3	155.3	189.0	222.0	254.9	287.8
25°	0.0	13.3	35.5	63.0	93.6	125.7	159.4	193.5	227.2	260.9	294.5
22.5°	0.0	13.6	36.4	64.6	95.9	128.8	163.1	197.6	231.9	266.3	301.2
20°	0.0	13.8	37.2	65.9	98.0	131.4	166.3	201.2	236.1	271.0	307.1
17.5°	0.0	14.0	37.9	67.0	99.9	133.7	169.2	204.4	239.8	275.1	312.3
15°	0.0	14.2	38.6	67.9	101.5	135.6	171.9	207.3	242.9	278.6	316.7
12.5°	0.0	14.4	39.1	68.7	102.9	137.1	174.2	210.0	245.8	281.5	320.4
10°	0.0	14.5	39.5	69.3	104.1	138.3	176.1	212.3	248.4	284.9	323.7
7.5°	0.0	14.6	39.9	69.6	105.1	139.0	177.7	214.0	250.4	287.9	327.4
5°	0.0	14.6	40.1	69.8	105.7	139.5	178.8	215.3	251.8	290.4	330.3
2.5°	0.0	14.7	40.3	69.9	106.2	139.5	179.5	216.0	252.7	292.2	332.4
0°	0.0	14.7	40.3	69.7	106.3	139.3	179.7	216.3	253.0	293.3	333.6
-2.5°	0.0	14.7	40.3	69.9	106.2	139.5	179.5	216.0	252.7	292.2	332.4
-5°	0.0	14.6	40.1	69.8	105.7	139.5	178.8	215.3	251.8	290.4	330.3
-7.5°	0.0	14.6	39.9	69.6	105.1	139.0	177.7	214.0	250.4	287.9	327.4
-10°	0.0	14.5	39.5	69.3	104.1	138.3	176.1	212.3	248.4	284.9	323.7
-12.5°	0.0	14.4	39.1	68.7	102.9	137.1	174.2	210.0	245.8	281.5	320.4
-15°	0.0	14.2	38.6	67.9	101.5	135.6	171.9	207.3	242.9	278.6	316.7
-17.5°	0.0	14.0	37.9	67.0	99.9	133.7	169.2	204.4	239.8	275.1	312.3
-20°	0.0	13.8	37.2	65.9	98.0	131.4	166.3	201.2	236.1	271.0	307.1

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CATALOG NUMBER: GFLD-SA3E-722-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	13.6	36.4	64.6	95.9	128.8	163.1	197.6	231.9	266.3	301.2
-25°	0.0	13.3	35.5	63.0	93.6	125.7	159.4	193.5	227.2	260.9	294.5
-27.5°	0.0	13.0	34.5	61.3	91.1	122.3	155.3	189.0	222.0	254.9	287.8
-30°	0.0	12.7	33.4	59.4	88.5	118.6	150.8	184.0	216.2	248.4	280.5
-32.5°	0.0	12.4	32.3	57.4	85.5	114.6	145.8	178.3	210.0	241.3	272.6
-35°	0.0	12.0	31.0	55.1	82.3	110.2	140.6	172.1	203.3	233.7	264.0
-37.5°	0.0	11.7	29.7	52.6	78.9	105.8	135.0	165.4	196.1	225.5	255.2
-40°	0.0	11.3	28.3	50.0	75.2	101.2	129.1	158.2	188.4	216.9	245.9
-42.5°	0.0	10.8	26.8	47.2	71.4	96.4	122.9	150.4	179.8	207.9	235.9
-45°	0.0	10.4	25.3	44.2	67.4	91.3	116.4	142.5	170.5	198.4	225.5
-47.5°	0.0	9.9	23.7	41.1	63.2	85.9	109.6	134.6	160.6	188.2	214.1
-50°	0.0	9.4	22.0	38.4	58.9	80.2	102.7	126.3	150.3	176.7	202.1
-52.5°	0.0	8.9	20.2	35.8	54.4	74.3	95.6	117.7	140.3	164.7	189.4
-55°	0.0	8.4	18.4	33.1	49.8	68.4	88.1	108.8	130.2	152.3	175.6
-57.5°	0.0	7.9	16.6	30.3	45.0	62.5	80.4	99.7	119.6	140.1	161.5
-60°	0.0	7.3	14.7	27.4	40.1	56.3	72.4	90.2	108.7	127.6	147.1
-62.5°	0.0	6.8	13.6	24.5	36.2	50.0	64.9	80.6	97.7	114.7	132.5
-65°	0.0	6.2	12.4	21.5	32.2	43.6	57.2	71.0	86.4	101.9	117.5
-67.5°	0.0	5.6	11.2	18.4	28.1	37.8	49.3	62.0	74.9	89.0	102.9
-70°	0.0	5.0	10.0	15.3	24.0	32.6	41.3	52.8	64.4	75.9	88.4
-72.5°	0.0	4.4	8.8	13.2	19.8	27.3	34.8	43.4	53.8	64.0	74.0
-75°	0.0	3.8	7.6	11.4	15.5	22.0	28.4	35.4	43.0	51.9	60.6
-77.5°	0.0	3.2	6.4	9.5	12.7	16.6	22.0	27.7	33.8	40.1	47.1
-80°	0.0	2.6	5.1	7.6	10.2	12.7	15.5	19.9	24.6	29.5	34.6
-82.5°	0.0	1.9	3.8	5.7	7.6	9.5	11.4	13.2	15.3	18.8	22.4
-85°	0.0	1.3	2.6	3.8	5.1	6.4	7.6	8.8	10.0	11.2	12.4
-87.5°	0.0	0.6	1.3	1.9	2.6	3.2	3.8	4.4	5.0	5.6	6.2
-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°	6.8	7.3	7.9	8.4	8.9	9.4	9.9	10.4	10.8	11.3	11.7
85°	13.6	14.7	16.9	19.0	21.0	23.0	25.0	26.8	28.6	30.3	31.9
82.5°	25.9	29.3	32.5	35.7	38.8	41.8	44.7	47.5	50.1	52.7	55.1
80°	39.3	43.8	48.3	52.4	56.5	60.5	64.4	68.1	71.6	75.4	79.4
77.5°	53.5	59.2	64.4	69.2	74.3	80.6	86.6	92.4	98.0	103.3	108.3
75°	68.1	74.7	81.8	88.9	96.3	103.8	111.1	118.1	124.9	131.9	138.9
72.5°	83.5	92.4	101.1	109.5	118.7	127.9	136.2	143.9	152.5	162.0	170.7
70°	99.9	110.2	121.0	131.8	142.3	152.5	162.8	173.3	183.8	194.0	203.8
67.5°	116.3	129.2	141.7	154.0	165.9	178.1	190.4	203.0	215.1	226.6	237.9
65°	133.8	148.2	162.2	175.9	189.3	204.1	218.6	232.6	248.0	262.3	274.6
62.5°	150.8	166.9	182.4	198.0	214.1	230.5	247.3	265.0	283.4	296.5	307.9
60°	167.1	185.3	202.6	220.4	238.4	256.9	276.3	295.2	311.9	326.3	338.2
57.5°	183.1	203.4	222.7	241.9	261.6	282.7	304.1	323.3	338.9	352.8	365.9
55°	198.6	221.1	241.5	262.1	284.5	309.2	331.0	348.4	364.4	375.8	388.4
52.5°	213.3	237.4	258.8	281.8	307.4	333.1	354.8	371.7	385.1	397.0	409.2
50°	227.4	251.7	275.4	301.5	328.6	354.3	376.3	391.8	405.3	417.6	429.4
47.5°	240.1	265.4	292.2	320.2	348.4	373.8	394.9	410.8	424.7	437.4	450.4
45°	252.2	279.3	307.8	338.4	367.4	392.6	411.8	428.8	442.2	456.5	472.7
42.5°	263.7	292.7	323.6	356.2	385.8	408.9	427.5	443.8	459.2	476.5	494.5
40°	275.0	305.2	338.7	372.9	403.1	423.1	441.7	458.9	476.8	496.3	516.0
37.5°	285.6	318.0	352.7	388.5	415.8	436.5	455.8	475.0	495.0	516.0	540.5
35°	295.3	329.7	366.2	400.8	427.0	449.6	470.2	491.1	513.5	539.1	566.2
32.5°	304.7	340.4	378.7	411.1	437.2	461.3	484.1	507.7	533.3	561.5	592.5
30°	314.0	350.9	389.6	421.7	446.3	470.9	497.7	523.9	552.4	583.8	620.1
27.5°	323.0	360.6	398.8	430.0	454.3	479.4	508.0	539.9	571.1	605.4	647.5
25°	331.2	370.6	407.8	436.6	461.1	487.4	517.3	551.4	587.9	628.8	680.3
22.5°	339.0	379.6	416.4	442.2	466.9	494.5	526.7	562.6	602.4	649.7	712.7
20°	346.3	386.7	422.1	447.3	471.6	500.1	534.7	572.6	618.0	675.4	750.6
17.5°	352.7	392.6	426.0	451.5	476.6	505.9	541.6	581.0	632.0	698.0	787.1
15°	358.1	397.5	429.5	454.8	480.8	511.9	548.6	591.5	647.5	720.1	818.5
12.5°	362.6	401.3	432.3	457.2	484.0	516.3	554.6	601.7	662.9	744.3	861.0
10°	366.2	404.0	434.6	458.6	486.4	519.2	559.3	609.6	675.3	764.5	897.3
7.5°	369.6	406.5	436.2	459.2	487.7	520.6	562.5	615.2	684.4	779.7	926.3
5°	372.1	408.8	437.1	460.6	488.5	521.3	564.8	618.5	690.1	789.7	946.7
2.5°	373.5	410.1	437.1	461.6	488.6	521.5	567.4	620.3	696.5	798.1	958.4
0°	374.0	410.6	436.3	462.0	487.6	520.6	568.3	619.6	700.3	802.9	960.6
-2.5°	373.5	410.1	437.1	461.6	488.6	521.5	567.4	620.3	696.5	798.1	958.4
-5°	372.1	408.8	437.1	460.6	488.5	521.3	564.8	618.5	690.1	789.7	946.7
-7.5°	369.6	406.5	436.2	459.2	487.7	520.6	562.5	615.2	684.4	779.7	926.3
-10°	366.2	404.0	434.6	458.6	486.4	519.2	559.3	609.6	675.3	764.5	897.3
-12.5°	362.6	401.3	432.3	457.2	484.0	516.3	554.6	601.7	662.9	744.3	861.0
-15°	358.1	397.5	429.5	454.8	480.8	511.9	548.6	591.5	647.5	720.1	818.5
-17.5°	352.7	392.6	426.0	451.5	476.6	505.9	541.6	581.0	632.0	698.0	787.1
-20°	346.3	386.7	422.1	447.3	471.6	500.1	534.7	572.6	618.0	675.4	750.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627245 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	339.0	379.6	416.4	442.2	466.9	494.5	526.7	562.6	602.4	649.7	712.7
-25°	331.2	370.6	407.8	436.6	461.1	487.4	517.3	551.4	587.9	628.8	680.3
-27.5°	323.0	360.6	398.8	430.0	454.3	479.4	508.0	539.9	571.1	605.4	647.5
-30°	314.0	350.9	389.6	421.7	446.3	470.9	497.7	523.9	552.4	583.8	620.1
-32.5°	304.7	340.4	378.7	411.1	437.2	461.3	484.1	507.7	533.3	561.5	592.5
-35°	295.3	329.7	366.2	400.8	427.0	449.6	470.2	491.1	513.5	539.1	566.2
-37.5°	285.6	318.0	352.7	388.5	415.8	436.5	455.8	475.0	495.0	516.0	540.5
-40°	275.0	305.2	338.7	372.9	403.1	423.1	441.7	458.9	476.8	496.3	516.0
-42.5°	263.7	292.7	323.6	356.2	385.8	408.9	427.5	443.8	459.2	476.5	494.5
-45°	252.2	279.3	307.8	338.4	367.4	392.6	411.8	428.8	442.2	456.5	472.7
-47.5°	240.1	265.4	292.2	320.2	348.4	373.8	394.9	410.8	424.7	437.4	450.4
-50°	227.4	251.7	275.4	301.5	328.6	354.3	376.3	391.8	405.3	417.6	429.4
-52.5°	213.3	237.4	258.8	281.8	307.4	333.1	354.8	371.7	385.1	397.0	409.2
-55°	198.6	221.1	241.5	262.1	284.5	309.2	331.0	348.4	364.4	375.8	388.4
-57.5°	183.1	203.4	222.7	241.9	261.6	282.7	304.1	323.3	338.9	352.8	365.9
-60°	167.1	185.3	202.6	220.4	238.4	256.9	276.3	295.2	311.9	326.3	338.2
-62.5°	150.8	166.9	182.4	198.0	214.1	230.5	247.3	265.0	283.4	296.5	307.9
-65°	133.8	148.2	162.2	175.9	189.3	204.1	218.6	232.6	248.0	262.3	274.6
-67.5°	116.3	129.2	141.7	154.0	165.9	178.1	190.4	203.0	215.1	226.6	237.9
-70°	99.9	110.2	121.0	131.8	142.3	152.5	162.8	173.3	183.8	194.0	203.8
-72.5°	83.5	92.4	101.1	109.5	118.7	127.9	136.2	143.9	152.5	162.0	170.7
-75°	68.1	74.7	81.8	88.9	96.3	103.8	111.1	118.1	124.9	131.9	138.9
-77.5°	53.5	59.2	64.4	69.2	74.3	80.6	86.6	92.4	98.0	103.3	108.3
-80°	39.3	43.8	48.3	52.4	56.5	60.5	64.4	68.1	71.6	75.4	79.4
-82.5°	25.9	29.3	32.5	35.7	38.8	41.8	44.7	47.5	50.1	52.7	55.1
-85°	13.6	14.7	16.9	19.0	21.0	23.0	25.0	26.8	28.6	30.3	31.9
-87.5°	6.8	7.3	7.9	8.4	8.9	9.4	9.9	10.4	10.8	11.3	11.7
-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: P627245 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-722-U-MR-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°	12.0	12.4	12.7	13.0	13.3	13.6	13.8	14.0	14.2	14.4	14.5
85°	33.4	34.8	36.1	37.4	38.5	38.8	38.9	38.8	38.6	39.1	39.5
82.5°	57.3	59.9	62.5	65.1	67.6	68.6	69.2	69.7	70.0	70.9	71.8
80°	83.2	87.3	91.1	94.5	97.5	99.6	101.5	103.3	105.0	105.7	106.1
77.5°	113.4	118.3	123.0	127.2	131.2	134.3	136.8	138.9	140.5	141.5	142.1
75°	145.8	152.1	157.6	162.8	167.5	170.9	173.2	174.9	176.0	177.2	178.2
72.5°	178.6	185.7	192.3	198.5	204.0	207.8	210.4	212.6	214.2	215.4	216.1
70°	213.0	221.5	228.7	235.0	239.9	243.6	246.4	248.8	250.6	251.8	252.5
67.5°	248.6	257.7	264.5	269.9	274.4	278.3	281.9	284.5	286.3	288.1	289.9
65°	285.0	294.2	301.2	307.0	311.6	316.7	321.3	324.7	327.0	329.1	331.2
62.5°	319.1	329.6	337.7	345.2	352.9	360.1	364.3	367.5	369.8	371.9	374.3
60°	350.2	362.1	371.9	381.1	390.4	399.8	403.6	406.7	409.5	412.2	414.7
57.5°	377.8	390.3	402.3	411.4	420.3	429.1	435.1	438.5	440.7	441.9	443.0
55°	401.7	414.3	426.3	436.7	446.4	455.4	462.2	465.4	467.8	469.4	470.3
52.5°	423.2	436.7	449.5	461.1	471.5	481.2	489.7	494.1	497.7	500.3	501.1
50°	444.3	458.9	472.8	485.1	497.3	508.9	519.6	525.8	530.2	532.9	533.7
47.5°	466.4	482.2	497.2	511.5	525.3	539.2	551.8	560.3	566.6	571.2	574.5
45°	489.3	506.3	522.9	539.8	555.8	573.5	589.6	601.9	611.0	618.9	625.2
42.5°	512.4	531.5	550.6	572.4	594.1	614.3	633.4	649.8	664.6	679.2	690.6
40°	537.5	558.4	584.5	610.4	637.1	660.6	688.5	713.5	736.4	761.1	781.6
37.5°	564.9	591.8	622.7	653.7	688.5	722.3	761.2	799.6	832.9	876.2	911.0
35°	594.8	628.9	665.3	706.9	751.9	804.8	859.3	923.2	977.4	1046.3	1109.9
32.5°	628.1	668.2	715.5	772.7	833.3	918.4	998.2	1106.5	1199.1	1318.6	1449.1
30°	662.0	713.7	778.1	851.9	954.5	1075.3	1216.0	1399.2	1597.3	1802.3	2078.2
27.5°	702.1	769.3	849.7	963.7	1117.1	1284.2	1571.1	1880.8	2312.3	2653.9	3262.3
25°	745.3	828.5	947.4	1112.5	1324.4	1662.7	2146.9	2707.6	3571.1	4339.1	5221.7
22.5°	796.5	909.6	1066.8	1283.1	1652.5	2234.6	2990.4	4141.9	5421.9	6685.1	7839.8
20°	850.7	987.3	1207.2	1559.5	2130.5	2972.1	4320.6	5965.9	7665.2	9396.5	10855.4
17.5°	914.0	1099.4	1389.1	1857.1	2671.6	4112.6	5913.8	8005.9	10225.9	12435.1	14354.1
15°	968.5	1197.5	1587.6	2288.5	3503.1	5305.6	7519.3	10161.5	12953.3	15820.4	18927.8
12.5°	1037.9	1315.7	1792.1	2645.2	4241.0	6583.7	9292.3	12360.0	15769.1	19575.9	24420.3
10°	1101.5	1439.7	2061.1	3216.7	5127.8	7777.6	10823.8	14304.2	18726.1	24446.8	30290.3
7.5°	1152.5	1538.0	2269.7	3662.6	5871.6	8797.5	12202.8	16375.7	21892.3	28704.4	35380.9
5°	1188.0	1606.2	2419.0	3999.6	6469.8	9576.9	13181.5	17902.7	24561.1	32189.4	39006.6
2.5°	1210.3	1643.5	2492.0	4199.6	6860.0	10046.0	13792.0	18873.1	26196.8	34407.8	41310.1
0°	1220.9	1649.9	2445.5	4297.0	6914.8	10012.9	13847.9	19197.2	26584.9	35010.3	41884.7
-2.5°	1210.3	1643.5	2492.0	4199.6	6860.0	10046.0	13792.0	18873.1	26196.8	34407.8	41310.1
-5°	1188.0	1606.2	2419.0	3999.6	6469.8	9576.9	13181.5	17902.7	24561.1	32189.4	39006.6
-7.5°	1152.5	1538.0	2269.7	3662.6	5871.6	8797.5	12202.8	16375.7	21892.3	28704.4	35380.9
-10°	1101.5	1439.7	2061.1	3216.7	5127.8	7777.6	10823.8	14304.2	18726.1	24446.8	30290.3
-12.5°	1037.9	1315.7	1792.1	2645.2	4241.0	6583.7	9292.3	12360.0	15769.1	19575.9	24420.3
-15°	968.5	1197.5	1587.6	2288.5	3503.1	5305.6	7519.3	10161.5	12953.3	15820.4	18927.8
-17.5°	914.0	1099.4	1389.1	1857.1	2671.6	4112.6	5913.8	8005.9	10225.9	12435.1	14354.1
-20°	850.7	987.3	1207.2	1559.5	2130.5	2972.1	4320.6	5965.9	7665.2	9396.5	10855.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627245 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	796.5	909.6	1066.8	1283.1	1652.5	2234.6	2990.4	4141.9	5421.9	6685.1	7839.8
-25°	745.3	828.5	947.4	1112.5	1324.4	1662.7	2146.9	2707.6	3571.1	4339.1	5221.7
-27.5°	702.1	769.3	849.7	963.7	1117.1	1284.2	1571.1	1880.8	2312.3	2653.9	3262.3
-30°	662.0	713.7	778.1	851.9	954.5	1075.3	1216.0	1399.2	1597.3	1802.3	2078.2
-32.5°	628.1	668.2	715.5	772.7	833.3	918.4	998.2	1106.5	1199.1	1318.6	1449.1
-35°	594.8	628.9	665.3	706.9	751.9	804.8	859.3	923.2	977.4	1046.3	1109.9
-37.5°	564.9	591.8	622.7	653.7	688.5	722.3	761.2	799.6	832.9	876.2	911.0
-40°	537.5	558.4	584.5	610.4	637.1	660.6	688.5	713.5	736.4	761.1	781.6
-42.5°	512.4	531.5	550.6	572.4	594.1	614.3	633.4	649.8	664.6	679.2	690.6
-45°	489.3	506.3	522.9	539.8	555.8	573.5	589.6	601.9	611.0	618.9	625.2
-47.5°	466.4	482.2	497.2	511.5	525.3	539.2	551.8	560.3	566.6	571.2	574.5
-50°	444.3	458.9	472.8	485.1	497.3	508.9	519.6	525.8	530.2	532.9	533.7
-52.5°	423.2	436.7	449.5	461.1	471.5	481.2	489.7	494.1	497.7	500.3	501.1
-55°	401.7	414.3	426.3	436.7	446.4	455.4	462.2	465.4	467.8	469.4	470.3
-57.5°	377.8	390.3	402.3	411.4	420.3	429.1	435.1	438.5	440.7	441.9	443.0
-60°	350.2	362.1	371.9	381.1	390.4	399.8	403.6	406.7	409.5	412.2	414.7
-62.5°	319.1	329.6	337.7	345.2	352.9	360.1	364.3	367.5	369.8	371.9	374.3
-65°	285.0	294.2	301.2	307.0	311.6	316.7	321.3	324.7	327.0	329.1	331.2
-67.5°	248.6	257.7	264.5	269.9	274.4	278.3	281.9	284.5	286.3	288.1	289.9
-70°	213.0	221.5	228.7	235.0	239.9	243.6	246.4	248.8	250.6	251.8	252.5
-72.5°	178.6	185.7	192.3	198.5	204.0	207.8	210.4	212.6	214.2	215.4	216.1
-75°	145.8	152.1	157.6	162.8	167.5	170.9	173.2	174.9	176.0	177.2	178.2
-77.5°	113.4	118.3	123.0	127.2	131.2	134.3	136.8	138.9	140.5	141.5	142.1
-80°	83.2	87.3	91.1	94.5	97.5	99.6	101.5	103.3	105.0	105.7	106.1
-82.5°	57.3	59.9	62.5	65.1	67.6	68.6	69.2	69.7	70.0	70.9	71.8
-85°	33.4	34.8	36.1	37.4	38.5	38.8	38.9	38.8	38.6	39.1	39.5
-87.5°	12.0	12.4	12.7	13.0	13.3	13.6	13.8	14.0	14.2	14.4	14.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627245 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-MR-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°	14.6	14.6	14.7	14.7	14.7	14.6	14.6	14.5	14.4	14.2	14.0
85°	39.9	40.1	40.3	40.3	40.3	40.1	39.9	39.5	39.1	38.6	38.8
82.5°	72.4	72.9	73.2	73.3	73.2	72.9	72.4	71.8	70.9	70.0	69.7
80°	106.1	105.8	106.2	106.3	106.2	105.8	106.1	106.1	105.7	105.0	103.3
77.5°	142.4	142.3	142.8	143.0	142.8	142.3	142.4	142.1	141.5	140.5	138.9
75°	178.8	178.9	179.5	179.7	179.5	178.9	178.8	178.2	177.2	176.0	174.9
72.5°	216.1	215.5	216.0	216.3	216.0	215.5	216.1	216.1	215.4	214.2	212.6
70°	252.6	252.1	254.4	256.6	254.4	252.1	252.6	252.5	251.8	250.6	248.8
67.5°	291.3	292.0	294.6	297.0	294.6	292.0	291.3	289.9	288.1	286.3	284.5
65°	332.2	332.3	334.8	337.3	334.8	332.3	332.2	331.2	329.1	327.0	324.7
62.5°	375.7	376.1	378.7	381.3	378.7	376.1	375.7	374.3	371.9	369.8	367.5
60°	416.1	416.5	417.5	418.0	417.5	416.5	416.1	414.7	412.2	409.5	406.7
57.5°	443.3	442.9	443.2	443.6	443.2	442.9	443.3	443.0	441.9	440.7	438.5
55°	470.1	468.9	467.5	465.6	467.5	468.9	470.1	470.3	469.4	467.8	465.4
52.5°	500.5	498.5	496.8	495.0	496.8	498.5	500.5	501.1	500.3	497.7	494.1
50°	533.2	531.4	529.7	528.0	529.7	531.4	533.2	533.7	532.9	530.2	525.8
47.5°	576.7	577.5	577.2	575.6	577.2	577.5	576.7	574.5	571.2	566.6	560.3
45°	629.7	631.8	632.0	630.6	632.0	631.8	629.7	625.2	618.9	611.0	601.9
42.5°	698.6	703.3	705.8	707.6	705.8	703.3	698.6	690.6	679.2	664.6	649.8
40°	796.4	805.9	811.9	817.6	811.9	805.9	796.4	781.6	761.1	736.4	713.5
37.5°	936.8	953.9	961.6	956.9	961.6	953.9	936.8	911.0	876.2	832.9	799.6
35°	1158.8	1191.5	1208.5	1209.9	1208.5	1191.5	1158.8	1109.9	1046.3	977.4	923.2
32.5°	1545.6	1612.5	1648.4	1653.5	1648.4	1612.5	1545.6	1449.1	1318.6	1199.1	1106.5
30°	2289.5	2425.9	2490.0	2474.8	2490.0	2425.9	2289.5	2078.2	1802.3	1597.3	1399.2
27.5°	3735.3	4075.6	4277.3	4293.3	4277.3	4075.6	3735.3	3262.3	2653.9	2312.3	1880.8
25°	6003.5	6584.4	6956.4	6962.5	6956.4	6584.4	6003.5	5221.7	4339.1	3571.1	2707.6
22.5°	8907.5	9700.5	10135.0	10210.9	10135.0	9700.5	8907.5	7839.8	6685.1	5421.9	4141.9
20°	12271.9	13326.8	13891.3	13891.9	13891.3	13326.8	12271.9	10855.4	9396.5	7665.2	5965.9
17.5°	16415.3	18128.3	19203.6	19666.5	19203.6	18128.3	16415.3	14354.1	12435.1	10225.9	8005.9
15°	21919.9	24798.5	26523.4	26834.2	26523.4	24798.5	21919.9	18927.8	15820.4	12953.3	10161.5
12.5°	28622.4	32265.3	34714.0	35611.5	34714.0	32265.3	28622.4	24420.3	19575.9	15769.1	12360.0
10°	35620.4	38995.7	41619.1	42500.7	41619.1	38995.7	35620.4	30290.3	24446.8	18726.1	14304.2
7.5°	40675.9	44700.8	47655.8	48953.5	47655.8	44700.8	40675.9	35380.9	28704.4	21892.3	16375.7
5°	44666.6	49429.2	52180.0	53400.8	52180.0	49429.2	44666.6	39006.6	32189.4	24561.1	17902.7
2.5°	47285.1	51990.9	54903.9	56029.6	54903.9	51990.9	47285.1	41310.1	34407.8	26196.8	18873.1
0°	48264.2	52865.5	55743.6	57118.5	55743.6	52865.5	48264.2	41884.7	35010.3	26584.9	19197.2
-2.5°	47285.1	51990.9	54903.9	56029.6	54903.9	51990.9	47285.1	41310.1	34407.8	26196.8	18873.1
-5°	44666.6	49429.2	52180.0	53400.8	52180.0	49429.2	44666.6	39006.6	32189.4	24561.1	17902.7
-7.5°	40675.9	44700.8	47655.8	48953.5	47655.8	44700.8	40675.9	35380.9	28704.4	21892.3	16375.7
-10°	35620.4	38995.7	41619.1	42500.7	41619.1	38995.7	35620.4	30290.3	24446.8	18726.1	14304.2
-12.5°	28622.4	32265.3	34714.0	35611.5	34714.0	32265.3	28622.4	24420.3	19575.9	15769.1	12360.0
-15°	21919.9	24798.5	26523.4	26834.2	26523.4	24798.5	21919.9	18927.8	15820.4	12953.3	10161.5
-17.5°	16415.3	18128.3	19203.6	19666.5	19203.6	18128.3	16415.3	14354.1	12435.1	10225.9	8005.9
-20°	12271.9	13326.8	13891.3	13891.9	13891.3	13326.8	12271.9	10855.4	9396.5	7665.2	5965.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627245 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	8907.5	9700.5	10135.0	10210.9	10135.0	9700.5	8907.5	7839.8	6685.1	5421.9	4141.9
-25°	6003.5	6584.4	6956.4	6962.5	6956.4	6584.4	6003.5	5221.7	4339.1	3571.1	2707.6
-27.5°	3735.3	4075.6	4277.3	4293.3	4277.3	4075.6	3735.3	3262.3	2653.9	2312.3	1880.8
-30°	2289.5	2425.9	2490.0	2474.8	2490.0	2425.9	2289.5	2078.2	1802.3	1597.3	1399.2
-32.5°	1545.6	1612.5	1648.4	1653.5	1648.4	1612.5	1545.6	1449.1	1318.6	1199.1	1106.5
-35°	1158.8	1191.5	1208.5	1209.9	1208.5	1191.5	1158.8	1109.9	1046.3	977.4	923.2
-37.5°	936.8	953.9	961.6	956.9	961.6	953.9	936.8	911.0	876.2	832.9	799.6
-40°	796.4	805.9	811.9	817.6	811.9	805.9	796.4	781.6	761.1	736.4	713.5
-42.5°	698.6	703.3	705.8	707.6	705.8	703.3	698.6	690.6	679.2	664.6	649.8
-45°	629.7	631.8	632.0	630.6	632.0	631.8	629.7	625.2	618.9	611.0	601.9
-47.5°	576.7	577.5	577.2	575.6	577.2	577.5	576.7	574.5	571.2	566.6	560.3
-50°	533.2	531.4	529.7	528.0	529.7	531.4	533.2	533.7	532.9	530.2	525.8
-52.5°	500.5	498.5	496.8	495.0	496.8	498.5	500.5	501.1	500.3	497.7	494.1
-55°	470.1	468.9	467.5	465.6	467.5	468.9	470.1	470.3	469.4	467.8	465.4
-57.5°	443.3	442.9	443.2	443.6	443.2	442.9	443.3	443.0	441.9	440.7	438.5
-60°	416.1	416.5	417.5	418.0	417.5	416.5	416.1	414.7	412.2	409.5	406.7
-62.5°	375.7	376.1	378.7	381.3	378.7	376.1	375.7	374.3	371.9	369.8	367.5
-65°	332.2	332.3	334.8	337.3	334.8	332.3	332.2	331.2	329.1	327.0	324.7
-67.5°	291.3	292.0	294.6	297.0	294.6	292.0	291.3	289.9	288.1	286.3	284.5
-70°	252.6	252.1	254.4	256.6	254.4	252.1	252.6	252.5	251.8	250.6	248.8
-72.5°	216.1	215.5	216.0	216.3	216.0	215.5	216.1	216.1	215.4	214.2	212.6
-75°	178.8	178.9	179.5	179.7	179.5	178.9	178.8	178.2	177.2	176.0	174.9
-77.5°	142.4	142.3	142.8	143.0	142.8	142.3	142.4	142.1	141.5	140.5	138.9
-80°	106.1	105.8	106.2	106.3	106.2	105.8	106.1	106.1	105.7	105.0	103.3
-82.5°	72.4	72.9	73.2	73.3	73.2	72.9	72.4	71.8	70.9	70.0	69.7
-85°	39.9	40.1	40.3	40.3	40.3	40.1	39.9	39.5	39.1	38.6	38.8
-87.5°	14.6	14.6	14.7	14.7	14.7	14.6	14.6	14.5	14.4	14.2	14.0
-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: P627245 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-722-U-MR-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°	13.8	13.6	13.3	13.0	12.7	12.4	12.0	11.7	11.3	10.8	10.4
85°	38.9	38.8	38.5	37.4	36.1	34.8	33.4	31.9	30.3	28.6	26.8
82.5°	69.2	68.6	67.6	65.1	62.5	59.9	57.3	55.1	52.7	50.1	47.5
80°	101.5	99.6	97.5	94.5	91.1	87.3	83.2	79.4	75.4	71.6	68.1
77.5°	136.8	134.3	131.2	127.2	123.0	118.3	113.4	108.3	103.3	98.0	92.4
75°	173.2	170.9	167.5	162.8	157.6	152.1	145.8	138.9	131.9	124.9	118.1
72.5°	210.4	207.8	204.0	198.5	192.3	185.7	178.6	170.7	162.0	152.5	143.9
70°	246.4	243.6	239.9	235.0	228.7	221.5	213.0	203.8	194.0	183.8	173.3
67.5°	281.9	278.3	274.4	269.9	264.5	257.7	248.6	237.9	226.6	215.1	203.0
65°	321.3	316.7	311.6	307.0	301.2	294.2	285.0	274.6	262.3	248.0	232.6
62.5°	364.3	360.1	352.9	345.2	337.7	329.6	319.1	307.9	296.5	283.4	265.0
60°	403.6	399.8	390.4	381.1	371.9	362.1	350.2	338.2	326.3	311.9	295.2
57.5°	435.1	429.1	420.3	411.4	402.3	390.3	377.8	365.9	352.8	338.9	323.3
55°	462.2	455.4	446.4	436.7	426.3	414.3	401.7	388.4	375.8	364.4	348.4
52.5°	489.7	481.2	471.5	461.1	449.5	436.7	423.2	409.2	397.0	385.1	371.7
50°	519.6	508.9	497.3	485.1	472.8	458.9	444.3	429.4	417.6	405.3	391.8
47.5°	551.8	539.2	525.3	511.5	497.2	482.2	466.4	450.4	437.4	424.7	410.8
45°	589.6	573.5	555.8	539.8	522.9	506.3	489.3	472.7	456.5	442.2	428.8
42.5°	633.4	614.3	594.1	572.4	550.6	531.5	512.4	494.5	476.5	459.2	443.8
40°	688.5	660.6	637.1	610.4	584.5	558.4	537.5	516.0	496.3	476.8	458.9
37.5°	761.2	722.3	688.5	653.7	622.7	591.8	564.9	540.5	516.0	495.0	475.0
35°	859.3	804.8	751.9	706.9	665.3	628.9	594.8	566.2	539.1	513.5	491.1
32.5°	998.2	918.4	833.3	772.7	715.5	668.2	628.1	592.5	561.5	533.3	507.7
30°	1216.0	1075.3	954.5	851.9	778.1	713.7	662.0	620.1	583.8	552.4	523.9
27.5°	1571.1	1284.2	1117.1	963.7	849.7	769.3	702.1	647.5	605.4	571.1	539.9
25°	2146.9	1662.7	1324.4	1112.5	947.4	828.5	745.3	680.3	628.8	587.9	551.4
22.5°	2990.4	2234.6	1652.5	1283.1	1066.8	909.6	796.5	712.7	649.7	602.4	562.6
20°	4320.6	2972.1	2130.5	1559.5	1207.2	987.3	850.7	750.6	675.4	618.0	572.6
17.5°	5913.8	4112.6	2671.6	1857.1	1389.1	1099.4	914.0	787.1	698.0	632.0	581.0
15°	7519.3	5305.6	3503.1	2288.5	1587.6	1197.5	968.5	818.5	720.1	647.5	591.5
12.5°	9292.3	6583.7	4241.0	2645.2	1792.1	1315.7	1037.9	861.0	744.3	662.9	601.7
10°	10823.8	7777.6	5127.8	3216.7	2061.1	1439.7	1101.5	897.3	764.5	675.3	609.6
7.5°	12202.8	8797.5	5871.6	3662.6	2269.7	1538.0	1152.5	926.3	779.7	684.4	615.2
5°	13181.5	9576.9	6469.8	3999.6	2419.0	1606.2	1188.0	946.7	789.7	690.1	618.5
2.5°	13792.0	10046.0	6860.0	4199.6	2492.0	1643.5	1210.3	958.4	798.1	696.5	620.3
0°	13847.9	10012.9	6914.8	4297.0	2445.5	1649.9	1220.9	960.6	802.9	700.3	619.6
-2.5°	13792.0	10046.0	6860.0	4199.6	2492.0	1643.5	1210.3	958.4	798.1	696.5	620.3
-5°	13181.5	9576.9	6469.8	3999.6	2419.0	1606.2	1188.0	946.7	789.7	690.1	618.5
-7.5°	12202.8	8797.5	5871.6	3662.6	2269.7	1538.0	1152.5	926.3	779.7	684.4	615.2
-10°	10823.8	7777.6	5127.8	3216.7	2061.1	1439.7	1101.5	897.3	764.5	675.3	609.6
-12.5°	9292.3	6583.7	4241.0	2645.2	1792.1	1315.7	1037.9	861.0	744.3	662.9	601.7
-15°	7519.3	5305.6	3503.1	2288.5	1587.6	1197.5	968.5	818.5	720.1	647.5	591.5
-17.5°	5913.8	4112.6	2671.6	1857.1	1389.1	1099.4	914.0	787.1	698.0	632.0	581.0
-20°	4320.6	2972.1	2130.5	1559.5	1207.2	987.3	850.7	750.6	675.4	618.0	572.6



REPORT NUMBER: P627245 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2990.4	2234.6	1652.5	1283.1	1066.8	909.6	796.5	712.7	649.7	602.4	562.6
-25°	2146.9	1662.7	1324.4	1112.5	947.4	828.5	745.3	680.3	628.8	587.9	551.4
-27.5°	1571.1	1284.2	1117.1	963.7	849.7	769.3	702.1	647.5	605.4	571.1	539.9
-30°	1216.0	1075.3	954.5	851.9	778.1	713.7	662.0	620.1	583.8	552.4	523.9
-32.5°	998.2	918.4	833.3	772.7	715.5	668.2	628.1	592.5	561.5	533.3	507.7
-35°	859.3	804.8	751.9	706.9	665.3	628.9	594.8	566.2	539.1	513.5	491.1
-37.5°	761.2	722.3	688.5	653.7	622.7	591.8	564.9	540.5	516.0	495.0	475.0
-40°	688.5	660.6	637.1	610.4	584.5	558.4	537.5	516.0	496.3	476.8	458.9
-42.5°	633.4	614.3	594.1	572.4	550.6	531.5	512.4	494.5	476.5	459.2	443.8
-45°	589.6	573.5	555.8	539.8	522.9	506.3	489.3	472.7	456.5	442.2	428.8
-47.5°	551.8	539.2	525.3	511.5	497.2	482.2	466.4	450.4	437.4	424.7	410.8
-50°	519.6	508.9	497.3	485.1	472.8	458.9	444.3	429.4	417.6	405.3	391.8
-52.5°	489.7	481.2	471.5	461.1	449.5	436.7	423.2	409.2	397.0	385.1	371.7
-55°	462.2	455.4	446.4	436.7	426.3	414.3	401.7	388.4	375.8	364.4	348.4
-57.5°	435.1	429.1	420.3	411.4	402.3	390.3	377.8	365.9	352.8	338.9	323.3
-60°	403.6	399.8	390.4	381.1	371.9	362.1	350.2	338.2	326.3	311.9	295.2
-62.5°	364.3	360.1	352.9	345.2	337.7	329.6	319.1	307.9	296.5	283.4	265.0
-65°	321.3	316.7	311.6	307.0	301.2	294.2	285.0	274.6	262.3	248.0	232.6
-67.5°	281.9	278.3	274.4	269.9	264.5	257.7	248.6	237.9	226.6	215.1	203.0
-70°	246.4	243.6	239.9	235.0	228.7	221.5	213.0	203.8	194.0	183.8	173.3
-72.5°	210.4	207.8	204.0	198.5	192.3	185.7	178.6	170.7	162.0	152.5	143.9
-75°	173.2	170.9	167.5	162.8	157.6	152.1	145.8	138.9	131.9	124.9	118.1
-77.5°	136.8	134.3	131.2	127.2	123.0	118.3	113.4	108.3	103.3	98.0	92.4
-80°	101.5	99.6	97.5	94.5	91.1	87.3	83.2	79.4	75.4	71.6	68.1
-82.5°	69.2	68.6	67.6	65.1	62.5	59.9	57.3	55.1	52.7	50.1	47.5
-85°	38.9	38.8	38.5	37.4	36.1	34.8	33.4	31.9	30.3	28.6	26.8
-87.5°	13.8	13.6	13.3	13.0	12.7	12.4	12.0	11.7	11.3	10.8	10.4
-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: P627245 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA3E-722-U-MR-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°	9.9	9.4	8.9	8.4	7.9	7.3	6.8	6.2	5.6	5.0	4.4
85°	25.0	23.0	21.0	19.0	16.9	14.7	13.6	12.4	11.2	10.0	8.8
82.5°	44.7	41.8	38.8	35.7	32.5	29.3	25.9	22.4	18.8	15.3	13.2
80°	64.4	60.5	56.5	52.4	48.3	43.8	39.3	34.6	29.5	24.6	19.9
77.5°	86.6	80.6	74.3	69.2	64.4	59.2	53.5	47.1	40.1	33.8	27.7
75°	111.1	103.8	96.3	88.9	81.8	74.7	68.1	60.6	51.9	43.0	35.4
72.5°	136.2	127.9	118.7	109.5	101.1	92.4	83.5	74.0	64.0	53.8	43.4
70°	162.8	152.5	142.3	131.8	121.0	110.2	99.9	88.4	75.9	64.4	52.8
67.5°	190.4	178.1	165.9	154.0	141.7	129.2	116.3	102.9	89.0	74.9	62.0
65°	218.6	204.1	189.3	175.9	162.2	148.2	133.8	117.5	101.9	86.4	71.0
62.5°	247.3	230.5	214.1	198.0	182.4	166.9	150.8	132.5	114.7	97.7	80.6
60°	276.3	256.9	238.4	220.4	202.6	185.3	167.1	147.1	127.6	108.7	90.2
57.5°	304.1	282.7	261.6	241.9	222.7	203.4	183.1	161.5	140.1	119.6	99.7
55°	331.0	309.2	284.5	262.1	241.5	221.1	198.6	175.6	152.3	130.2	108.8
52.5°	354.8	333.1	307.4	281.8	258.8	237.4	213.3	189.4	164.7	140.3	117.7
50°	376.3	354.3	328.6	301.5	275.4	251.7	227.4	202.1	176.7	150.3	126.3
47.5°	394.9	373.8	348.4	320.2	292.2	265.4	240.1	214.1	188.2	160.6	134.6
45°	411.8	392.6	367.4	338.4	307.8	279.3	252.2	225.5	198.4	170.5	142.5
42.5°	427.5	408.9	385.8	356.2	323.6	292.7	263.7	235.9	207.9	179.8	150.4
40°	441.7	423.1	403.1	372.9	338.7	305.2	275.0	245.9	216.9	188.4	158.2
37.5°	455.8	436.5	415.8	388.5	352.7	318.0	285.6	255.2	225.5	196.1	165.4
35°	470.2	449.6	427.0	400.8	366.2	329.7	295.3	264.0	233.7	203.3	172.1
32.5°	484.1	461.3	437.2	411.1	378.7	340.4	304.7	272.6	241.3	210.0	178.3
30°	497.7	470.9	446.3	421.7	389.6	350.9	314.0	280.5	248.4	216.2	184.0
27.5°	508.0	479.4	454.3	430.0	398.8	360.6	323.0	287.8	254.9	222.0	189.0
25°	517.3	487.4	461.1	436.6	407.8	370.6	331.2	294.5	260.9	227.2	193.5
22.5°	526.7	494.5	466.9	442.2	416.4	379.6	339.0	301.2	266.3	231.9	197.6
20°	534.7	500.1	471.6	447.3	422.1	386.7	346.3	307.1	271.0	236.1	201.2
17.5°	541.6	505.9	476.6	451.5	426.0	392.6	352.7	312.3	275.1	239.8	204.4
15°	548.6	511.9	480.8	454.8	429.5	397.5	358.1	316.7	278.6	242.9	207.3
12.5°	554.6	516.3	484.0	457.2	432.3	401.3	362.6	320.4	281.5	245.8	210.0
10°	559.3	519.2	486.4	458.6	434.6	404.0	366.2	323.7	284.9	248.4	212.3
7.5°	562.5	520.6	487.7	459.2	436.2	406.5	369.6	327.4	287.9	250.4	214.0
5°	564.8	521.3	488.5	460.6	437.1	408.8	372.1	330.3	290.4	251.8	215.3
2.5°	567.4	521.5	488.6	461.6	437.1	410.1	373.5	332.4	292.2	252.7	216.0
0°	568.3	520.6	487.6	462.0	436.3	410.6	374.0	333.6	293.3	253.0	216.3
-2.5°	567.4	521.5	488.6	461.6	437.1	410.1	373.5	332.4	292.2	252.7	216.0
-5°	564.8	521.3	488.5	460.6	437.1	408.8	372.1	330.3	290.4	251.8	215.3
-7.5°	562.5	520.6	487.7	459.2	436.2	406.5	369.6	327.4	287.9	250.4	214.0
-10°	559.3	519.2	486.4	458.6	434.6	404.0	366.2	323.7	284.9	248.4	212.3
-12.5°	554.6	516.3	484.0	457.2	432.3	401.3	362.6	320.4	281.5	245.8	210.0
-15°	548.6	511.9	480.8	454.8	429.5	397.5	358.1	316.7	278.6	242.9	207.3
-17.5°	541.6	505.9	476.6	451.5	426.0	392.6	352.7	312.3	275.1	239.8	204.4
-20°	534.7	500.1	471.6	447.3	422.1	386.7	346.3	307.1	271.0	236.1	201.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627245 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	526.7	494.5	466.9	442.2	416.4	379.6	339.0	301.2	266.3	231.9	197.6
-25°	517.3	487.4	461.1	436.6	407.8	370.6	331.2	294.5	260.9	227.2	193.5
-27.5°	508.0	479.4	454.3	430.0	398.8	360.6	323.0	287.8	254.9	222.0	189.0
-30°	497.7	470.9	446.3	421.7	389.6	350.9	314.0	280.5	248.4	216.2	184.0
-32.5°	484.1	461.3	437.2	411.1	378.7	340.4	304.7	272.6	241.3	210.0	178.3
-35°	470.2	449.6	427.0	400.8	366.2	329.7	295.3	264.0	233.7	203.3	172.1
-37.5°	455.8	436.5	415.8	388.5	352.7	318.0	285.6	255.2	225.5	196.1	165.4
-40°	441.7	423.1	403.1	372.9	338.7	305.2	275.0	245.9	216.9	188.4	158.2
-42.5°	427.5	408.9	385.8	356.2	323.6	292.7	263.7	235.9	207.9	179.8	150.4
-45°	411.8	392.6	367.4	338.4	307.8	279.3	252.2	225.5	198.4	170.5	142.5
-47.5°	394.9	373.8	348.4	320.2	292.2	265.4	240.1	214.1	188.2	160.6	134.6
-50°	376.3	354.3	328.6	301.5	275.4	251.7	227.4	202.1	176.7	150.3	126.3
-52.5°	354.8	333.1	307.4	281.8	258.8	237.4	213.3	189.4	164.7	140.3	117.7
-55°	331.0	309.2	284.5	262.1	241.5	221.1	198.6	175.6	152.3	130.2	108.8
-57.5°	304.1	282.7	261.6	241.9	222.7	203.4	183.1	161.5	140.1	119.6	99.7
-60°	276.3	256.9	238.4	220.4	202.6	185.3	167.1	147.1	127.6	108.7	90.2
-62.5°	247.3	230.5	214.1	198.0	182.4	166.9	150.8	132.5	114.7	97.7	80.6
-65°	218.6	204.1	189.3	175.9	162.2	148.2	133.8	117.5	101.9	86.4	71.0
-67.5°	190.4	178.1	165.9	154.0	141.7	129.2	116.3	102.9	89.0	74.9	62.0
-70°	162.8	152.5	142.3	131.8	121.0	110.2	99.9	88.4	75.9	64.4	52.8
-72.5°	136.2	127.9	118.7	109.5	101.1	92.4	83.5	74.0	64.0	53.8	43.4
-75°	111.1	103.8	96.3	88.9	81.8	74.7	68.1	60.6	51.9	43.0	35.4
-77.5°	86.6	80.6	74.3	69.2	64.4	59.2	53.5	47.1	40.1	33.8	27.7
-80°	64.4	60.5	56.5	52.4	48.3	43.8	39.3	34.6	29.5	24.6	19.9
-82.5°	44.7	41.8	38.8	35.7	32.5	29.3	25.9	22.4	18.8	15.3	13.2
-85°	25.0	23.0	21.0	19.0	16.9	14.7	13.6	12.4	11.2	10.0	8.8
-87.5°	9.9	9.4	8.9	8.4	7.9	7.3	6.8	6.2	5.6	5.0	4.4
-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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REPORT NUMBER: P627245 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-MR-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°	3.8	3.2	2.6	1.9	1.3	0.6	0.0
85°	7.6	6.4	5.1	3.8	2.6	1.3	0.0
82.5°	11.4	9.5	7.6	5.7	3.8	1.9	0.0
80°	15.5	12.7	10.2	7.6	5.1	2.6	0.0
77.5°	22.0	16.6	12.7	9.5	6.4	3.2	0.0
75°	28.4	22.0	15.5	11.4	7.6	3.8	0.0
72.5°	34.8	27.3	19.8	13.2	8.8	4.4	0.0
70°	41.3	32.6	24.0	15.3	10.0	5.0	0.0
67.5°	49.3	37.8	28.1	18.4	11.2	5.6	0.0
65°	57.2	43.6	32.2	21.5	12.4	6.2	0.0
62.5°	64.9	50.0	36.2	24.5	13.6	6.8	0.0
60°	72.4	56.3	40.1	27.4	14.7	7.3	0.0
57.5°	80.4	62.5	45.0	30.3	16.6	7.9	0.0
55°	88.1	68.4	49.8	33.1	18.4	8.4	0.0
52.5°	95.6	74.3	54.4	35.8	20.2	8.9	0.0
50°	102.7	80.2	58.9	38.4	22.0	9.4	0.0
47.5°	109.6	85.9	63.2	41.1	23.7	9.9	0.0
45°	116.4	91.3	67.4	44.2	25.3	10.4	0.0
42.5°	122.9	96.4	71.4	47.2	26.8	10.8	0.0
40°	129.1	101.2	75.2	50.0	28.3	11.3	0.0
37.5°	135.0	105.8	78.9	52.6	29.7	11.7	0.0
35°	140.6	110.2	82.3	55.1	31.0	12.0	0.0
32.5°	145.8	114.6	85.5	57.4	32.3	12.4	0.0
30°	150.8	118.6	88.5	59.4	33.4	12.7	0.0
27.5°	155.3	122.3	91.1	61.3	34.5	13.0	0.0
25°	159.4	125.7	93.6	63.0	35.5	13.3	0.0
22.5°	163.1	128.8	95.9	64.6	36.4	13.6	0.0
20°	166.3	131.4	98.0	65.9	37.2	13.8	0.0
17.5°	169.2	133.7	99.9	67.0	37.9	14.0	0.0
15°	171.9	135.6	101.5	67.9	38.6	14.2	0.0
12.5°	174.2	137.1	102.9	68.7	39.1	14.4	0.0
10°	176.1	138.3	104.1	69.3	39.5	14.5	0.0
7.5°	177.7	139.0	105.1	69.6	39.9	14.6	0.0
5°	178.8	139.5	105.7	69.8	40.1	14.6	0.0
2.5°	179.5	139.5	106.2	69.9	40.3	14.7	0.0
0°	179.7	139.3	106.3	69.7	40.3	14.7	0.0
-2.5°	179.5	139.5	106.2	69.9	40.3	14.7	0.0
-5°	178.8	139.5	105.7	69.8	40.1	14.6	0.0
-7.5°	177.7	139.0	105.1	69.6	39.9	14.6	0.0
-10°	176.1	138.3	104.1	69.3	39.5	14.5	0.0
-12.5°	174.2	137.1	102.9	68.7	39.1	14.4	0.0
-15°	171.9	135.6	101.5	67.9	38.6	14.2	0.0
-17.5°	169.2	133.7	99.9	67.0	37.9	14.0	0.0
-20°	166.3	131.4	98.0	65.9	37.2	13.8	0.0

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CATALOG NUMBER: GFLD-SA3E-722-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	163.1	128.8	95.9	64.6	36.4	13.6	0.0
-25°	159.4	125.7	93.6	63.0	35.5	13.3	0.0
-27.5°	155.3	122.3	91.1	61.3	34.5	13.0	0.0
-30°	150.8	118.6	88.5	59.4	33.4	12.7	0.0
-32.5°	145.8	114.6	85.5	57.4	32.3	12.4	0.0
-35°	140.6	110.2	82.3	55.1	31.0	12.0	0.0
-37.5°	135.0	105.8	78.9	52.6	29.7	11.7	0.0
-40°	129.1	101.2	75.2	50.0	28.3	11.3	0.0
-42.5°	122.9	96.4	71.4	47.2	26.8	10.8	0.0
-45°	116.4	91.3	67.4	44.2	25.3	10.4	0.0
-47.5°	109.6	85.9	63.2	41.1	23.7	9.9	0.0
-50°	102.7	80.2	58.9	38.4	22.0	9.4	0.0
-52.5°	95.6	74.3	54.4	35.8	20.2	8.9	0.0
-55°	88.1	68.4	49.8	33.1	18.4	8.4	0.0
-57.5°	80.4	62.5	45.0	30.3	16.6	7.9	0.0
-60°	72.4	56.3	40.1	27.4	14.7	7.3	0.0
-62.5°	64.9	50.0	36.2	24.5	13.6	6.8	0.0
-65°	57.2	43.6	32.2	21.5	12.4	6.2	0.0
-67.5°	49.3	37.8	28.1	18.4	11.2	5.6	0.0
-70°	41.3	32.6	24.0	15.3	10.0	5.0	0.0
-72.5°	34.8	27.3	19.8	13.2	8.8	4.4	0.0
-75°	28.4	22.0	15.5	11.4	7.6	3.8	0.0
-77.5°	22.0	16.6	12.7	9.5	6.4	3.2	0.0
-80°	15.5	12.7	10.2	7.6	5.1	2.6	0.0
-82.5°	11.4	9.5	7.6	5.7	3.8	1.9	0.0
-85°	7.6	6.4	5.1	3.8	2.6	1.3	0.0
-87.5°	3.8	3.2	2.6	1.9	1.3	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)