

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: P627039 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2E-735-U-NR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627039 (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-SA2E-735-U-NR-XX  
Description: GALLEON FLOOD, TWO LIGHT SQAURE, NARROW SYMMETRICAL ROUND N48  
Light Source: (32) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

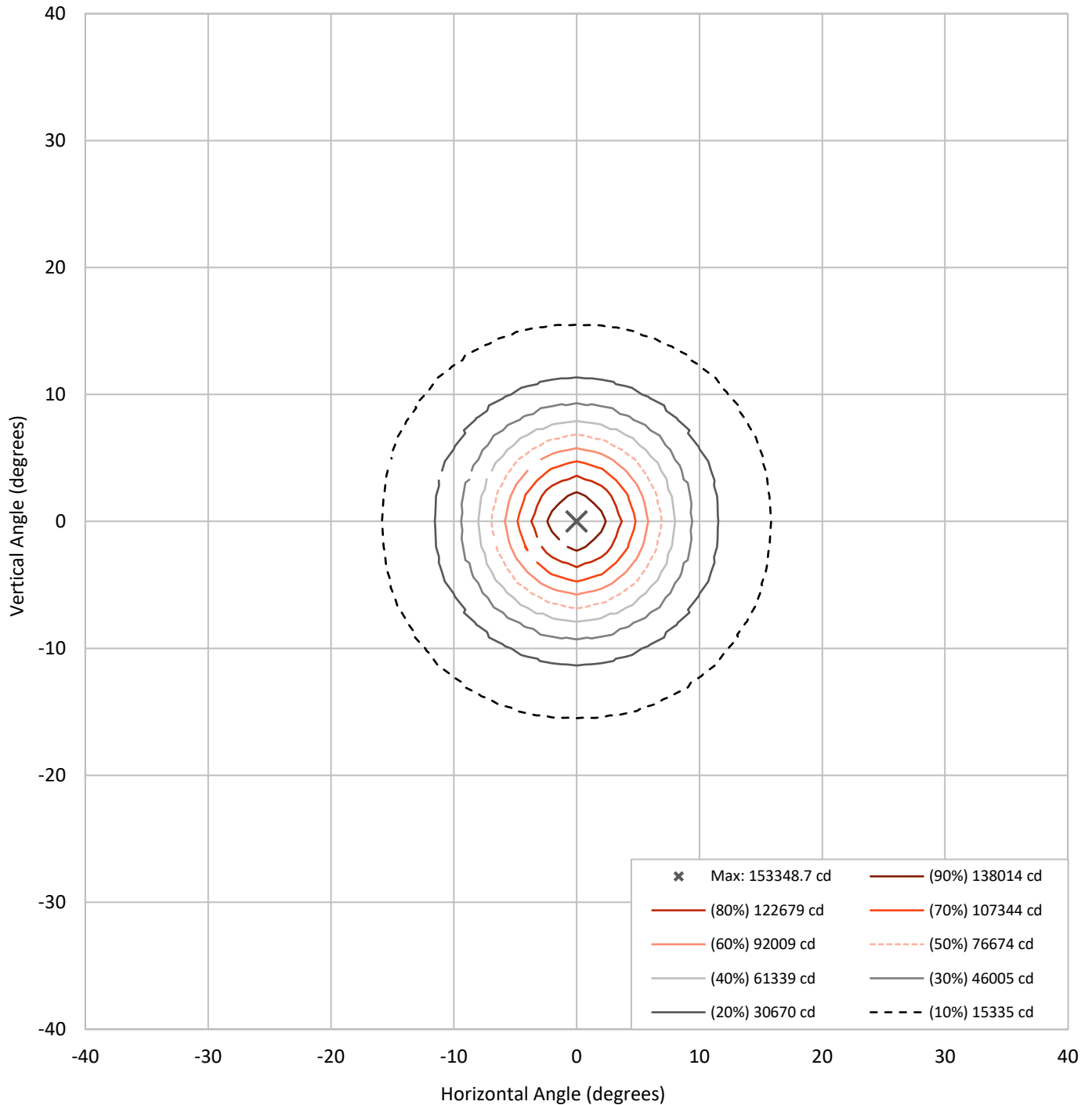
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	16283.4 lumens	Max Intensity:	153348.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	129.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' 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:	4814.3 lumens	Field Lumens:	10834.1 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	125.7		
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



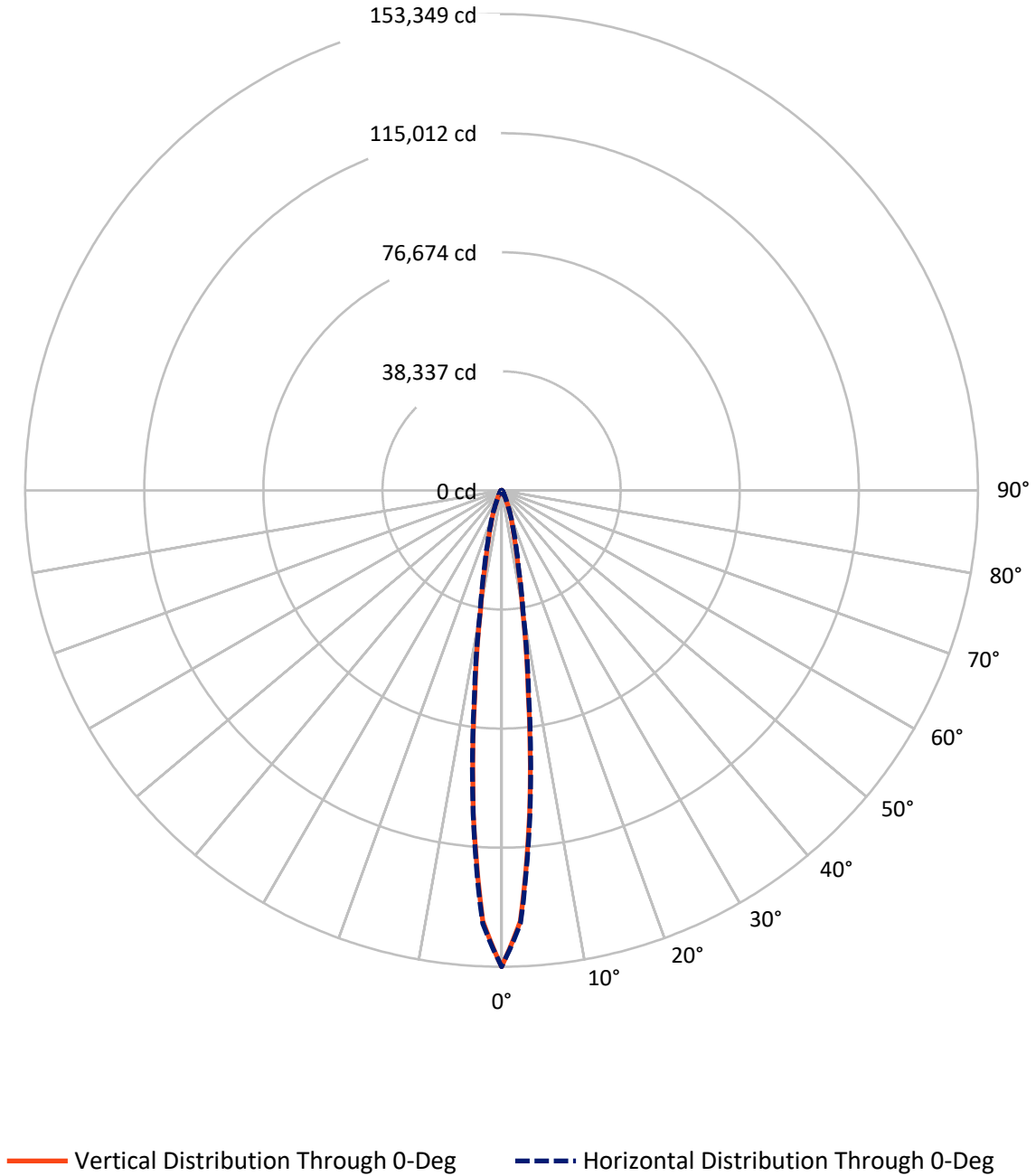
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### Lumen Table

90	0.3	2.2		5.9		9.5		10.4		9.5		5.9		2.2		0.3			
80	0.3	2.2		5.9		9.5		10.4		9.5		5.9		2.2		0.3			
70	1.0	1.1	2.3	3.9	5.5	6.7	7.5	7.9	7.9	7.5	6.7	5.5	3.9	2.3	1.1	1.0			
60		1.7	3.5	5.7	7.7	9.4	10.5	10.9	10.9	10.5	9.4	7.7	5.7	3.5	1.7				
50	1.8	2.3	4.6	7.1	9.4	11.8	13.9	15.0	15.0	13.9	11.8	9.4	7.1	4.6	2.3	1.8			
40		2.7	5.4	8.2	11.6	16.7	23.5	29.1	29.1	23.5	16.7	11.6	8.2	5.4	2.7				
30	2.3	3.1	5.9	9.2	15.0	29.8	67.7	112.1	112.1	67.7	29.8	15.0	9.2	5.9	3.1	2.3			
20		3.3	6.2	10.1	19.9	63.2	224.3	483.2	483.2	224.3	63.2	19.9	10.1	6.2	3.3				
10	2.5	3.4	6.3	10.8	24.0	104.1	487.7	2106.6	2106.6	487.7	104.1	24.0	10.8	6.3	3.4	2.5			
0		3.4	6.3	10.8	24.0	104.1	487.7	2106.6	2106.6	487.7	104.1	24.0	10.8	6.3	3.4				
-10	2.3	3.3	6.2	10.1	19.9	63.2	224.3	483.2	483.2	224.3	63.2	19.9	10.1	6.2	3.3	2.3			
-20		3.1	5.9	9.2	15.0	29.8	67.7	112.1	112.1	67.7	29.8	15.0	9.2	5.9	3.1				
-30	1.8	2.7	5.4	8.2	11.6	16.7	23.5	29.1	29.1	23.5	16.7	11.6	8.2	5.4	2.7	1.8			
-40		2.3	4.6	7.1	9.4	11.8	13.9	15.0	15.0	13.9	11.8	9.4	7.1	4.6	2.3				
-50	1.0	1.7	3.5	5.7	7.7	9.4	10.5	10.9	10.9	10.5	9.4	7.7	5.7	3.5	1.7	1.0			
-60		1.1	2.3	3.9	5.5	6.7	7.5	7.9	7.9	7.5	6.7	5.5	3.9	2.3	1.1				
-70	0.3	2.2		5.9		9.5		10.4		9.5		5.9		2.2		0.3			
-80		2.2		5.9		9.5		10.4		9.5		5.9		2.2					
-90	0.3	2.2		5.9		9.5		10.4		9.5		5.9		2.2		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

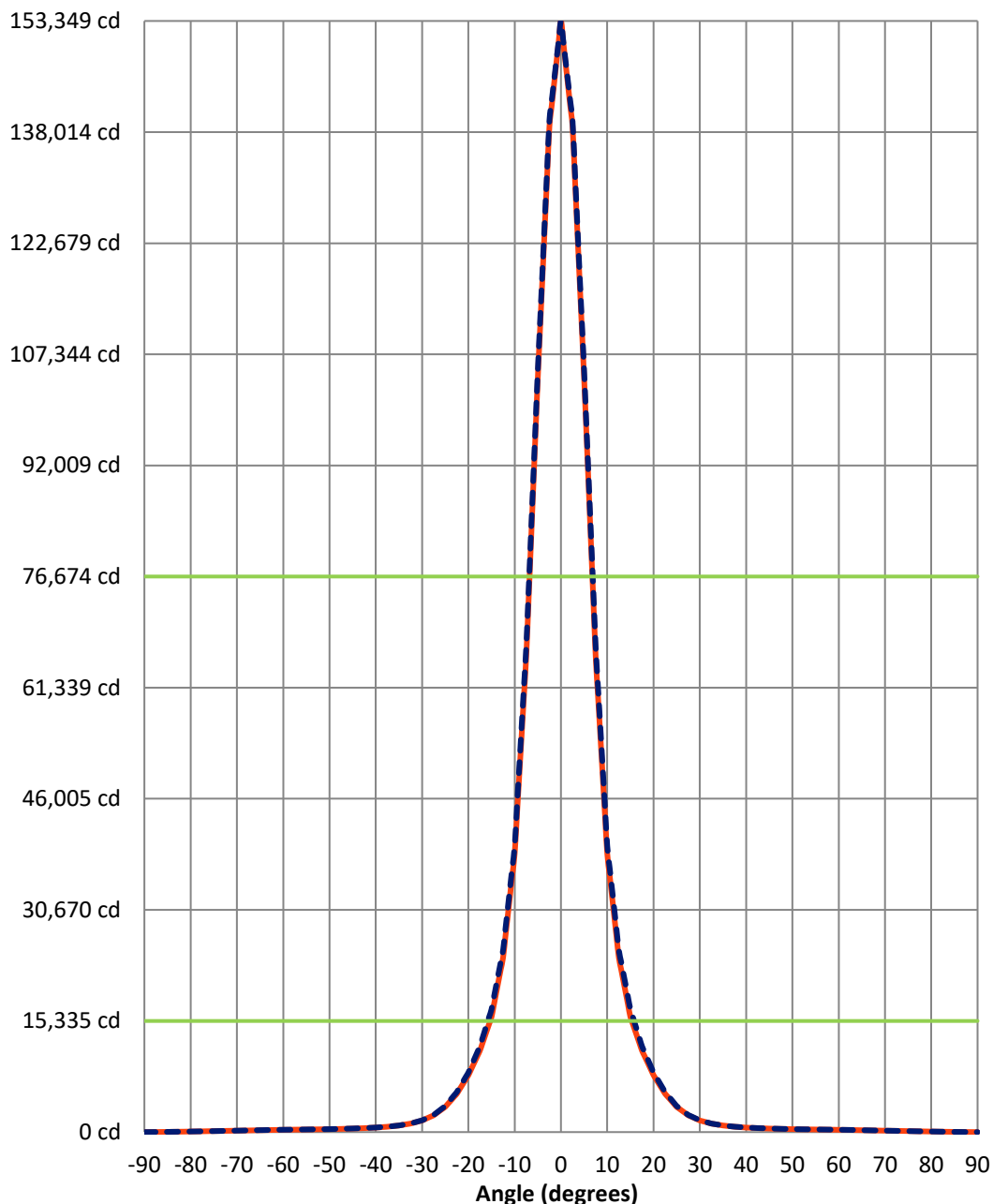
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.7°  
 V Angle: 13.6°  
 Lumens: 4814.3  
 Efficiency: 29.6%

**Field:**  
 H Angle: 31.6°  
 V Angle: 30.6°  
 Lumens: 10834.1  
 Efficiency: 66.5%

**Spill:**  
 Lumens: 5449.3  
 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	0.5	1.1	1.7	2.3	2.8	3.4	3.9	4.5	5.0	5.5
85°	0.0	1.0	2.3	3.4	4.5	5.7	6.8	7.9	9.0	10.0	11.1
82.5°	0.0	1.5	3.4	5.1	6.8	8.5	10.1	11.8	13.6	16.0	18.3
80°	0.0	2.0	4.5	6.8	9.1	11.3	13.7	17.0	20.3	23.5	26.6
77.5°	0.0	2.5	5.6	8.5	11.3	14.5	18.7	22.9	26.9	30.9	35.2
75°	0.0	3.0	6.7	10.1	13.6	18.5	23.6	28.7	33.6	39.2	44.7
72.5°	0.0	3.4	7.8	11.8	16.7	22.4	28.5	34.6	41.2	47.7	54.1
70°	0.0	3.9	8.8	13.5	19.6	26.2	33.3	41.2	48.7	56.1	64.4
67.5°	0.0	4.4	9.8	15.6	22.5	29.9	38.8	47.7	56.1	65.6	74.8
65°	0.0	4.8	10.8	17.6	25.3	34.0	44.2	54.1	64.4	74.8	85.8
62.5°	0.0	5.2	11.8	19.6	28.0	38.4	49.5	60.9	72.5	84.3	98.2
60°	0.0	5.6	12.7	21.5	30.7	42.7	54.7	67.9	80.5	95.0	110.2
57.5°	0.0	6.0	13.9	23.4	34.0	46.9	60.3	74.7	89.2	105.2	121.7
55°	0.0	6.4	15.0	25.2	37.3	51.0	65.9	81.2	97.9	115.1	132.9
52.5°	0.0	6.8	16.2	26.9	40.4	55.0	71.3	88.3	106.3	124.7	143.6
50°	0.0	7.2	17.3	28.6	43.4	59.4	76.6	95.2	114.3	133.7	153.9
47.5°	0.0	7.5	18.3	30.3	46.4	63.6	81.7	101.9	121.9	142.4	163.9
45°	0.0	7.8	19.4	32.4	49.2	67.6	87.2	108.3	129.2	151.2	173.7
42.5°	0.0	8.1	20.4	34.4	51.9	71.4	92.4	114.4	136.2	159.8	183.3
40°	0.0	8.4	21.3	36.4	54.6	75.1	97.4	120.2	143.1	168.1	192.6
37.5°	0.0	8.6	22.3	38.3	57.4	78.6	102.1	125.8	150.0	175.8	201.6
35°	0.0	8.9	23.1	40.1	60.0	82.1	106.6	131.0	156.4	183.1	210.3
32.5°	0.0	9.1	24.0	41.7	62.4	85.6	110.7	135.9	162.3	190.0	217.8
30°	0.0	9.3	24.7	43.3	64.7	88.8	114.6	140.5	167.7	196.3	224.7
27.5°	0.0	9.4	25.5	44.8	66.9	91.8	118.2	144.8	172.7	202.2	230.8
25°	0.0	9.6	26.2	46.1	69.0	94.5	121.5	148.8	177.4	207.3	236.3
22.5°	0.0	9.7	26.8	47.3	70.8	97.0	124.5	152.3	181.6	211.8	241.0
20°	0.0	9.8	27.4	48.4	72.5	99.1	127.1	155.3	185.3	215.6	245.3
17.5°	0.0	9.9	27.9	49.4	74.0	100.9	129.3	157.9	188.6	218.8	249.1
15°	0.0	10.0	28.3	50.2	75.3	102.4	131.1	160.3	191.3	221.4	252.4
12.5°	0.0	10.0	28.7	51.0	76.4	103.5	132.6	162.4	193.7	223.5	255.1
10°	0.0	10.0	29.0	51.5	77.3	104.4	133.7	164.2	195.4	225.7	257.7
7.5°	0.0	10.0	29.3	52.0	78.0	105.0	134.5	165.7	196.7	227.5	260.7
5°	0.0	10.0	29.5	52.3	78.5	105.3	134.9	166.7	197.3	228.9	263.2
2.5°	0.0	10.0	29.6	52.5	78.8	105.3	135.0	167.4	197.5	229.7	265.0
0°	0.0	9.9	29.6	52.6	78.9	105.1	134.7	167.6	197.1	230.0	266.1
-2.5°	0.0	10.0	29.6	52.5	78.8	105.3	135.0	167.4	197.5	229.7	265.0
-5°	0.0	10.0	29.5	52.3	78.5	105.3	134.9	166.7	197.3	228.9	263.2
-7.5°	0.0	10.0	29.3	52.0	78.0	105.0	134.5	165.7	196.7	227.5	260.7
-10°	0.0	10.0	29.0	51.5	77.3	104.4	133.7	164.2	195.4	225.7	257.7
-12.5°	0.0	10.0	28.7	51.0	76.4	103.5	132.6	162.4	193.7	223.5	255.1
-15°	0.0	10.0	28.3	50.2	75.3	102.4	131.1	160.3	191.3	221.4	252.4
-17.5°	0.0	9.9	27.9	49.4	74.0	100.9	129.3	157.9	188.6	218.8	249.1
-20°	0.0	9.8	27.4	48.4	72.5	99.1	127.1	155.3	185.3	215.6	245.3

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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	9.7	26.8	47.3	70.8	97.0	124.5	152.3	181.6	211.8	241.0
-25°	0.0	9.6	26.2	46.1	69.0	94.5	121.5	148.8	177.4	207.3	236.3
-27.5°	0.0	9.4	25.5	44.8	66.9	91.8	118.2	144.8	172.7	202.2	230.8
-30°	0.0	9.3	24.7	43.3	64.7	88.8	114.6	140.5	167.7	196.3	224.7
-32.5°	0.0	9.1	24.0	41.7	62.4	85.6	110.7	135.9	162.3	190.0	217.8
-35°	0.0	8.9	23.1	40.1	60.0	82.1	106.6	131.0	156.4	183.1	210.3
-37.5°	0.0	8.6	22.3	38.3	57.4	78.6	102.1	125.8	150.0	175.8	201.6
-40°	0.0	8.4	21.3	36.4	54.6	75.1	97.4	120.2	143.1	168.1	192.6
-42.5°	0.0	8.1	20.4	34.4	51.9	71.4	92.4	114.4	136.2	159.8	183.3
-45°	0.0	7.8	19.4	32.4	49.2	67.6	87.2	108.3	129.2	151.2	173.7
-47.5°	0.0	7.5	18.3	30.3	46.4	63.6	81.7	101.9	121.9	142.4	163.9
-50°	0.0	7.2	17.3	28.6	43.4	59.4	76.6	95.2	114.3	133.7	153.9
-52.5°	0.0	6.8	16.2	26.9	40.4	55.0	71.3	88.3	106.3	124.7	143.6
-55°	0.0	6.4	15.0	25.2	37.3	51.0	65.9	81.2	97.9	115.1	132.9
-57.5°	0.0	6.0	13.9	23.4	34.0	46.9	60.3	74.7	89.2	105.2	121.7
-60°	0.0	5.6	12.7	21.5	30.7	42.7	54.7	67.9	80.5	95.0	110.2
-62.5°	0.0	5.2	11.8	19.6	28.0	38.4	49.5	60.9	72.5	84.3	98.2
-65°	0.0	4.8	10.8	17.6	25.3	34.0	44.2	54.1	64.4	74.8	85.8
-67.5°	0.0	4.4	9.8	15.6	22.5	29.9	38.8	47.7	56.1	65.6	74.8
-70°	0.0	3.9	8.8	13.5	19.6	26.2	33.3	41.2	48.7	56.1	64.4
-72.5°	0.0	3.4	7.8	11.8	16.7	22.4	28.5	34.6	41.2	47.7	54.1
-75°	0.0	3.0	6.7	10.1	13.6	18.5	23.6	28.7	33.6	39.2	44.7
-77.5°	0.0	2.5	5.6	8.5	11.3	14.5	18.7	22.9	26.9	30.9	35.2
-80°	0.0	2.0	4.5	6.8	9.1	11.3	13.7	17.0	20.3	23.5	26.6
-82.5°	0.0	1.5	3.4	5.1	6.8	8.5	10.1	11.8	13.6	16.0	18.3
-85°	0.0	1.0	2.3	3.4	4.5	5.7	6.8	7.9	9.0	10.0	11.1
-87.5°	0.0	0.5	1.1	1.7	2.3	2.8	3.4	3.9	4.5	5.0	5.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.0	6.5	7.0	7.5	8.0	8.4	8.8	9.3	9.7	10.0	10.4
85°	12.1	13.1	14.6	16.0	17.2	18.3	19.2	19.9	21.3	22.7	24.2
82.5°	20.7	22.9	25.2	27.3	28.8	30.0	31.1	32.8	35.7	38.5	41.0
80°	29.7	32.7	36.2	39.5	42.3	45.2	48.2	51.2	54.4	57.4	60.3
77.5°	39.7	44.1	48.3	52.5	56.6	61.1	65.4	69.6	73.5	77.3	80.9
75°	50.0	55.3	61.1	66.8	72.3	77.7	82.9	88.6	93.9	99.1	104.0
72.5°	60.9	67.9	74.7	81.4	88.6	95.7	102.5	109.1	115.5	122.2	129.2
70°	72.5	80.5	89.4	97.9	106.0	114.4	122.8	130.1	137.0	146.2	155.7
67.5°	84.4	95.3	105.3	114.9	125.6	135.6	144.2	153.4	163.2	173.9	183.2
65°	98.5	110.3	122.0	134.1	146.5	156.8	167.6	179.0	190.2	200.8	210.9
62.5°	112.4	125.7	139.1	152.4	165.1	177.5	190.5	203.2	215.4	227.8	238.7
60°	125.8	140.8	155.0	168.9	183.3	198.7	213.1	227.2	241.9	255.9	263.2
57.5°	138.7	154.8	169.6	185.2	202.1	219.5	234.6	250.6	263.2	272.9	282.4
55°	150.9	167.6	183.9	201.4	219.7	237.8	254.7	268.9	280.5	289.4	299.4
52.5°	162.3	179.9	197.6	216.7	236.2	255.5	273.1	286.5	296.9	306.0	315.4
50°	173.5	192.0	210.7	231.6	252.6	273.1	290.3	302.5	312.4	321.7	331.4
47.5°	184.5	203.9	224.0	246.3	269.0	288.8	305.1	316.3	326.3	337.3	347.9
45°	195.2	216.2	237.6	261.5	284.4	303.4	317.3	328.5	340.8	352.6	364.0
42.5°	205.8	228.4	251.5	276.4	298.4	315.6	328.6	341.8	355.1	367.7	380.5
40°	216.4	240.1	264.6	289.4	311.5	326.3	340.1	354.3	368.9	382.6	396.8
37.5°	226.5	251.1	276.4	301.4	321.5	336.6	350.8	366.5	381.9	396.8	415.3
35°	236.2	261.1	286.6	310.8	330.2	345.8	361.7	378.2	394.3	413.7	434.8
32.5°	244.8	270.1	296.0	318.5	337.5	354.3	372.2	389.3	408.7	430.7	456.0
30°	252.1	278.0	304.0	325.9	344.5	362.3	381.6	400.6	423.3	449.7	479.8
27.5°	258.5	285.1	310.3	332.3	351.2	368.9	389.2	413.2	439.3	468.9	504.3
25°	264.5	292.3	316.3	338.2	356.5	375.0	396.8	423.3	454.7	490.3	533.6
22.5°	270.2	299.1	322.4	343.7	360.7	380.6	405.2	434.1	468.2	509.9	562.6
20°	275.6	304.3	327.3	348.0	363.8	385.6	412.7	443.5	482.2	532.0	592.9
17.5°	280.5	308.6	331.1	350.6	367.9	390.8	419.2	451.1	494.4	552.0	620.7
15°	285.1	312.3	334.1	352.7	371.6	396.3	426.0	460.6	507.9	571.1	645.4
12.5°	289.1	315.3	336.5	354.3	374.5	400.8	432.1	470.5	522.4	589.9	676.7
10°	292.5	317.6	338.1	355.4	376.7	404.3	437.1	478.5	533.9	604.4	700.8
7.5°	295.4	319.4	339.2	356.0	378.1	406.7	441.0	484.6	542.0	614.7	718.2
5°	297.4	320.8	340.6	358.0	380.3	408.6	443.9	488.8	546.8	620.9	728.9
2.5°	298.6	321.7	341.4	360.0	382.7	410.2	446.1	493.4	550.6	626.8	737.2
0°	299.0	322.0	341.7	361.4	384.4	410.7	446.8	496.1	552.0	630.8	742.5
-2.5°	298.6	321.7	341.4	360.0	382.7	410.2	446.1	493.4	550.6	626.8	737.2
-5°	297.4	320.8	340.6	358.0	380.3	408.6	443.9	488.8	546.8	620.9	728.9
-7.5°	295.4	319.4	339.2	356.0	378.1	406.7	441.0	484.6	542.0	614.7	718.2
-10°	292.5	317.6	338.1	355.4	376.7	404.3	437.1	478.5	533.9	604.4	700.8
-12.5°	289.1	315.3	336.5	354.3	374.5	400.8	432.1	470.5	522.4	589.9	676.7
-15°	285.1	312.3	334.1	352.7	371.6	396.3	426.0	460.6	507.9	571.1	645.4
-17.5°	280.5	308.6	331.1	350.6	367.9	390.8	419.2	451.1	494.4	552.0	620.7
-20°	275.6	304.3	327.3	348.0	363.8	385.6	412.7	443.5	482.2	532.0	592.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627039 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-735-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°	270.2	299.1	322.4	343.7	360.7	380.6	405.2	434.1	468.2	509.9	562.6
-25°	264.5	292.3	316.3	338.2	356.5	375.0	396.8	423.3	454.7	490.3	533.6
-27.5°	258.5	285.1	310.3	332.3	351.2	368.9	389.2	413.2	439.3	468.9	504.3
-30°	252.1	278.0	304.0	325.9	344.5	362.3	381.6	400.6	423.3	449.7	479.8
-32.5°	244.8	270.1	296.0	318.5	337.5	354.3	372.2	389.3	408.7	430.7	456.0
-35°	236.2	261.1	286.6	310.8	330.2	345.8	361.7	378.2	394.3	413.7	434.8
-37.5°	226.5	251.1	276.4	301.4	321.5	336.6	350.8	366.5	381.9	396.8	415.3
-40°	216.4	240.1	264.6	289.4	311.5	326.3	340.1	354.3	368.9	382.6	396.8
-42.5°	205.8	228.4	251.5	276.4	298.4	315.6	328.6	341.8	355.1	367.7	380.5
-45°	195.2	216.2	237.6	261.5	284.4	303.4	317.3	328.5	340.8	352.6	364.0
-47.5°	184.5	203.9	224.0	246.3	269.0	288.8	305.1	316.3	326.3	337.3	347.9
-50°	173.5	192.0	210.7	231.6	252.6	273.1	290.3	302.5	312.4	321.7	331.4
-52.5°	162.3	179.9	197.6	216.7	236.2	255.5	273.1	286.5	296.9	306.0	315.4
-55°	150.9	167.6	183.9	201.4	219.7	237.8	254.7	268.9	280.5	289.4	299.4
-57.5°	138.7	154.8	169.6	185.2	202.1	219.5	234.6	250.6	263.2	272.9	282.4
-60°	125.8	140.8	155.0	168.9	183.3	198.7	213.1	227.2	241.9	255.9	263.2
-62.5°	112.4	125.7	139.1	152.4	165.1	177.5	190.5	203.2	215.4	227.8	238.7
-65°	98.5	110.3	122.0	134.1	146.5	156.8	167.6	179.0	190.2	200.8	210.9
-67.5°	84.4	95.3	105.3	114.9	125.6	135.6	144.2	153.4	163.2	173.9	183.2
-70°	72.5	80.5	89.4	97.9	106.0	114.4	122.8	130.1	137.0	146.2	155.7
-72.5°	60.9	67.9	74.7	81.4	88.6	95.7	102.5	109.1	115.5	122.2	129.2
-75°	50.0	55.3	61.1	66.8	72.3	77.7	82.9	88.6	93.9	99.1	104.0
-77.5°	39.7	44.1	48.3	52.5	56.6	61.1	65.4	69.6	73.5	77.3	80.9
-80°	29.7	32.7	36.2	39.5	42.3	45.2	48.2	51.2	54.4	57.4	60.3
-82.5°	20.7	22.9	25.2	27.3	28.8	30.0	31.1	32.8	35.7	38.5	41.0
-85°	12.1	13.1	14.6	16.0	17.2	18.3	19.2	19.9	21.3	22.7	24.2
-87.5°	6.0	6.5	7.0	7.5	8.0	8.4	8.8	9.3	9.7	10.0	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: P627039 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-735-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°	10.7	11.0	11.3	11.6	11.9	12.1	12.3	12.5	12.7	12.0	11.3
85°	25.7	26.7	27.6	28.4	29.2	29.9	30.5	31.1	31.5	31.2	30.7
82.5°	43.3	45.0	46.6	48.1	49.4	50.6	51.7	52.7	53.5	53.5	53.2
80°	63.0	65.8	68.6	71.4	74.2	75.8	77.0	77.9	78.6	78.8	78.9
77.5°	84.6	89.0	93.5	98.0	102.4	104.9	106.7	108.2	109.4	109.7	109.4
75°	108.6	114.3	120.5	125.9	130.6	133.5	135.5	137.2	138.6	138.9	138.8
72.5°	136.5	143.4	149.0	153.6	157.6	160.7	163.2	165.3	167.1	167.8	167.9
70°	164.0	170.8	176.1	180.8	184.7	187.9	190.9	193.5	195.6	197.2	198.3
67.5°	191.8	199.6	205.0	209.3	212.6	216.0	220.0	223.4	226.4	228.3	229.3
65°	220.3	228.4	233.7	238.3	242.3	246.6	251.1	254.3	256.5	257.8	258.7
62.5°	248.0	255.6	262.1	268.3	274.1	279.0	282.1	284.8	287.1	289.1	290.6
60°	271.8	281.4	288.8	294.6	300.3	305.9	309.6	312.6	314.9	316.7	317.7
57.5°	292.0	301.8	310.5	316.2	322.4	329.0	333.4	335.9	338.2	340.2	341.1
55°	309.7	318.8	326.8	334.6	341.6	347.5	352.2	355.5	358.3	360.6	361.3
52.5°	325.7	335.6	345.0	353.2	360.1	365.8	370.3	374.5	377.7	379.9	380.8
50°	342.5	353.1	363.1	372.2	379.2	385.6	391.3	396.2	400.9	404.7	407.4
47.5°	358.9	370.2	381.3	391.2	399.7	408.9	417.2	424.3	431.2	436.7	440.6
45°	375.5	388.5	400.6	413.4	424.9	437.0	448.3	458.0	468.0	475.5	480.6
42.5°	393.9	408.7	423.3	439.3	454.9	470.7	487.8	503.0	514.7	525.8	534.7
40°	413.7	430.7	449.7	469.3	492.2	513.0	536.0	555.7	573.5	592.3	607.3
37.5°	434.8	456.0	481.0	507.1	536.8	565.4	595.4	624.8	650.4	680.8	703.9
35°	458.2	486.4	517.1	552.5	589.6	630.4	671.4	718.7	759.4	804.3	843.3
32.5°	485.7	519.5	559.8	606.5	654.1	716.1	774.1	849.4	914.5	985.6	1057.2
30°	514.1	558.2	610.3	669.1	744.7	830.0	925.1	1037.2	1152.7	1264.5	1399.4
27.5°	549.3	602.5	665.5	751.5	862.7	978.0	1141.6	1309.8	1522.2	1697.8	1945.6
25°	585.8	648.5	738.0	854.9	1000.2	1200.2	1448.3	1717.2	2090.9	2419.3	2804.4
22.5°	625.6	710.2	821.6	965.9	1186.1	1493.2	1868.8	2375.1	2926.3	3511.5	4093.7
20°	667.0	769.4	915.5	1124.6	1426.7	1842.6	2487.5	3269.0	4056.5	5022.1	5877.2
17.5°	715.0	845.3	1025.3	1286.8	1690.0	2327.2	3221.8	4312.7	5534.5	6922.9	8155.6
15°	755.0	910.3	1137.5	1503.4	2057.9	2876.2	4004.3	5505.1	7341.1	9205.8	11097.7
12.5°	801.4	981.1	1247.9	1684.2	2380.6	3468.1	5003.7	6903.3	9196.2	11782.6	14831.7
10°	842.6	1050.6	1382.3	1922.3	2773.4	4085.4	5949.1	8234.5	11193.5	14914.7	19636.5
7.5°	873.1	1105.9	1486.0	2103.5	3113.0	4678.9	6842.3	9692.2	13452.0	18366.0	24846.2
5°	892.9	1145.9	1559.4	2243.3	3378.8	5120.6	7496.9	10726.0	15262.0	22212.0	33185.4
2.5°	904.8	1169.6	1601.3	2325.3	3540.4	5413.2	7994.9	11507.8	16435.0	24588.8	38549.0
0°	910.1	1176.2	1626.3	2368.9	3594.4	5526.3	8223.7	11864.0	16959.9	25144.1	39492.0
-2.5°	904.8	1169.6	1601.3	2325.3	3540.4	5413.2	7994.9	11507.8	16435.0	24588.8	38549.0
-5°	892.9	1145.9	1559.4	2243.3	3378.8	5120.6	7496.9	10726.0	15262.0	22212.0	33185.4
-7.5°	873.1	1105.9	1486.0	2103.5	3113.0	4678.9	6842.3	9692.2	13452.0	18366.0	24846.2
-10°	842.6	1050.6	1382.3	1922.3	2773.4	4085.4	5949.1	8234.5	11193.5	14914.7	19636.5
-12.5°	801.4	981.1	1247.9	1684.2	2380.6	3468.1	5003.7	6903.3	9196.2	11782.6	14831.7
-15°	755.0	910.3	1137.5	1503.4	2057.9	2876.2	4004.3	5505.1	7341.1	9205.8	11097.7
-17.5°	715.0	845.3	1025.3	1286.8	1690.0	2327.2	3221.8	4312.7	5534.5	6922.9	8155.6
-20°	667.0	769.4	915.5	1124.6	1426.7	1842.6	2487.5	3269.0	4056.5	5022.1	5877.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627039 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-735-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	625.6	710.2	821.6	965.9	1186.1	1493.2	1868.8	2375.1	2926.3	3511.5	4093.7
-25°	585.8	648.5	738.0	854.9	1000.2	1200.2	1448.3	1717.2	2090.9	2419.3	2804.4
-27.5°	549.3	602.5	665.5	751.5	862.7	978.0	1141.6	1309.8	1522.2	1697.8	1945.6
-30°	514.1	558.2	610.3	669.1	744.7	830.0	925.1	1037.2	1152.7	1264.5	1399.4
-32.5°	485.7	519.5	559.8	606.5	654.1	716.1	774.1	849.4	914.5	985.6	1057.2
-35°	458.2	486.4	517.1	552.5	589.6	630.4	671.4	718.7	759.4	804.3	843.3
-37.5°	434.8	456.0	481.0	507.1	536.8	565.4	595.4	624.8	650.4	680.8	703.9
-40°	413.7	430.7	449.7	469.3	492.2	513.0	536.0	555.7	573.5	592.3	607.3
-42.5°	393.9	408.7	423.3	439.3	454.9	470.7	487.8	503.0	514.7	525.8	534.7
-45°	375.5	388.5	400.6	413.4	424.9	437.0	448.3	458.0	468.0	475.5	480.6
-47.5°	358.9	370.2	381.3	391.2	399.7	408.9	417.2	424.3	431.2	436.7	440.6
-50°	342.5	353.1	363.1	372.2	379.2	385.6	391.3	396.2	400.9	404.7	407.4
-52.5°	325.7	335.6	345.0	353.2	360.1	365.8	370.3	374.5	377.7	379.9	380.8
-55°	309.7	318.8	326.8	334.6	341.6	347.5	352.2	355.5	358.3	360.6	361.3
-57.5°	292.0	301.8	310.5	316.2	322.4	329.0	333.4	335.9	338.2	340.2	341.1
-60°	271.8	281.4	288.8	294.6	300.3	305.9	309.6	312.6	314.9	316.7	317.7
-62.5°	248.0	255.6	262.1	268.3	274.1	279.0	282.1	284.8	287.1	289.1	290.6
-65°	220.3	228.4	233.7	238.3	242.3	246.6	251.1	254.3	256.5	257.8	258.7
-67.5°	191.8	199.6	205.0	209.3	212.6	216.0	220.0	223.4	226.4	228.3	229.3
-70°	164.0	170.8	176.1	180.8	184.7	187.9	190.9	193.5	195.6	197.2	198.3
-72.5°	136.5	143.4	149.0	153.6	157.6	160.7	163.2	165.3	167.1	167.8	167.9
-75°	108.6	114.3	120.5	125.9	130.6	133.5	135.5	137.2	138.6	138.9	138.8
-77.5°	84.6	89.0	93.5	98.0	102.4	104.9	106.7	108.2	109.4	109.7	109.4
-80°	63.0	65.8	68.6	71.4	74.2	75.8	77.0	77.9	78.6	78.8	78.9
-82.5°	43.3	45.0	46.6	48.1	49.4	50.6	51.7	52.7	53.5	53.5	53.2
-85°	25.7	26.7	27.6	28.4	29.2	29.9	30.5	31.1	31.5	31.2	30.7
-87.5°	10.7	11.0	11.3	11.6	11.9	12.1	12.3	12.5	12.7	12.0	11.3
-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: P627039 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-735-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°	10.6	9.9	9.9	9.9	9.9	9.9	10.6	11.3	12.0	12.7	12.5
85°	30.1	29.5	29.6	29.6	29.6	29.5	30.1	30.7	31.2	31.5	31.1
82.5°	52.9	52.4	52.5	52.6	52.5	52.4	52.9	53.2	53.5	53.5	52.7
80°	78.8	78.5	77.2	75.6	77.2	78.5	78.8	78.9	78.8	78.6	77.9
77.5°	108.8	107.9	106.6	105.1	106.6	107.9	108.8	109.4	109.7	109.4	108.2
75°	138.3	137.4	137.8	138.0	137.8	137.4	138.3	138.8	138.9	138.6	137.2
72.5°	167.6	166.9	167.4	167.6	167.4	166.9	167.6	167.9	167.8	167.1	165.3
70°	199.1	199.5	198.6	197.1	198.6	199.5	199.1	198.3	197.2	195.6	193.5
67.5°	229.6	229.2	228.2	226.7	228.2	229.2	229.6	229.3	228.3	226.4	223.4
65°	259.0	258.7	259.3	259.6	259.3	258.7	259.0	258.7	257.8	256.5	254.3
62.5°	291.3	291.3	290.6	289.1	290.6	291.3	291.3	290.6	289.1	287.1	284.8
60°	318.1	317.9	317.0	315.4	317.0	317.9	318.1	317.7	316.7	314.9	312.6
57.5°	341.4	341.0	340.0	338.4	340.0	341.0	341.4	341.1	340.2	338.2	335.9
55°	361.4	360.9	359.8	358.1	359.8	360.9	361.4	361.3	360.6	358.3	355.5
52.5°	381.1	380.6	380.7	381.1	380.7	380.6	381.1	380.8	379.9	377.7	374.5
50°	409.0	409.5	409.0	407.4	409.0	409.5	409.0	407.4	404.7	400.9	396.2
47.5°	442.4	442.6	441.8	440.3	441.8	442.6	442.4	440.6	436.7	431.2	424.3
45°	484.5	486.9	487.6	486.3	487.6	486.9	484.5	480.6	475.5	468.0	458.0
42.5°	541.6	545.3	546.4	545.4	546.4	545.3	541.6	534.7	525.8	514.7	503.0
40°	616.5	620.8	621.6	621.0	621.6	620.8	616.5	607.3	592.3	573.5	555.7
37.5°	720.1	730.5	735.4	736.0	735.4	730.5	720.1	703.9	680.8	650.4	624.8
35°	873.1	893.7	904.8	910.1	904.8	893.7	873.1	843.3	804.3	759.4	718.7
32.5°	1111.5	1152.8	1175.8	1172.9	1175.8	1152.8	1111.5	1057.2	985.6	914.5	849.4
30°	1501.1	1573.3	1609.6	1600.1	1609.6	1573.3	1501.1	1399.4	1264.5	1152.7	1037.2
27.5°	2123.5	2254.1	2329.5	2319.6	2329.5	2254.1	2123.5	1945.6	1697.8	1522.2	1309.8
25°	3126.3	3364.6	3517.2	3479.4	3517.2	3364.6	3126.3	2804.4	2419.3	2090.9	1717.2
22.5°	4651.8	5055.5	5322.7	5289.7	5322.7	5055.5	4651.8	4093.7	3511.5	2926.3	2375.1
20°	6744.3	7358.8	7797.6	7855.7	7797.6	7358.8	6744.3	5877.2	5022.1	4056.5	3269.0
17.5°	9487.3	10461.5	11139.8	11252.9	11139.8	10461.5	9487.3	8155.6	6922.9	5534.5	4312.7
15°	13052.1	14644.5	15797.0	15892.1	15797.0	14644.5	13052.1	11097.7	9205.8	7341.1	5505.1
12.5°	17892.6	21095.4	23185.7	24105.9	23185.7	21095.4	17892.6	14831.7	11782.6	9196.2	6903.3
10°	24591.6	31948.3	36659.6	38430.8	36659.6	31948.3	24591.6	19636.5	14914.7	11193.5	8234.5
7.5°	35780.9	47331.1	60172.0	65644.9	60172.0	47331.1	35780.9	24846.2	18366.0	13452.0	9692.2
5°	48451.9	72423.3	95224.5	104128.2	95224.5	72423.3	48451.9	33185.4	22212.0	15262.0	10726.0
2.5°	61785.0	95197.8	126508.0	138752.8	126508.0	95197.8	61785.0	38549.0	24588.8	16435.0	11507.8
0°	66991.9	105169.8	139618.5	153348.7	139618.5	105169.8	66991.9	39492.0	25144.1	16959.9	11864.0
-2.5°	61785.0	95197.8	126508.0	138752.8	126508.0	95197.8	61785.0	38549.0	24588.8	16435.0	11507.8
-5°	48451.9	72423.3	95224.5	104128.2	95224.5	72423.3	48451.9	33185.4	22212.0	15262.0	10726.0
-7.5°	35780.9	47331.1	60172.0	65644.9	60172.0	47331.1	35780.9	24846.2	18366.0	13452.0	9692.2
-10°	24591.6	31948.3	36659.6	38430.8	36659.6	31948.3	24591.6	19636.5	14914.7	11193.5	8234.5
-12.5°	17892.6	21095.4	23185.7	24105.9	23185.7	21095.4	17892.6	14831.7	11782.6	9196.2	6903.3
-15°	13052.1	14644.5	15797.0	15892.1	15797.0	14644.5	13052.1	11097.7	9205.8	7341.1	5505.1
-17.5°	9487.3	10461.5	11139.8	11252.9	11139.8	10461.5	9487.3	8155.6	6922.9	5534.5	4312.7
-20°	6744.3	7358.8	7797.6	7855.7	7797.6	7358.8	6744.3	5877.2	5022.1	4056.5	3269.0



REPORT NUMBER: P627039 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-735-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°	4651.8	5055.5	5322.7	5289.7	5322.7	5055.5	4651.8	4093.7	3511.5	2926.3	2375.1
-25°	3126.3	3364.6	3517.2	3479.4	3517.2	3364.6	3126.3	2804.4	2419.3	2090.9	1717.2
-27.5°	2123.5	2254.1	2329.5	2319.6	2329.5	2254.1	2123.5	1945.6	1697.8	1522.2	1309.8
-30°	1501.1	1573.3	1609.6	1600.1	1609.6	1573.3	1501.1	1399.4	1264.5	1152.7	1037.2
-32.5°	1111.5	1152.8	1175.8	1172.9	1175.8	1152.8	1111.5	1057.2	985.6	914.5	849.4
-35°	873.1	893.7	904.8	910.1	904.8	893.7	873.1	843.3	804.3	759.4	718.7
-37.5°	720.1	730.5	735.4	736.0	735.4	730.5	720.1	703.9	680.8	650.4	624.8
-40°	616.5	620.8	621.6	621.0	621.6	620.8	616.5	607.3	592.3	573.5	555.7
-42.5°	541.6	545.3	546.4	545.4	546.4	545.3	541.6	534.7	525.8	514.7	503.0
-45°	484.5	486.9	487.6	486.3	487.6	486.9	484.5	480.6	475.5	468.0	458.0
-47.5°	442.4	442.6	441.8	440.3	441.8	442.6	442.4	440.6	436.7	431.2	424.3
-50°	409.0	409.5	409.0	407.4	409.0	409.5	409.0	407.4	404.7	400.9	396.2
-52.5°	381.1	380.6	380.7	381.1	380.7	380.6	381.1	380.8	379.9	377.7	374.5
-55°	361.4	360.9	359.8	358.1	359.8	360.9	361.4	361.3	360.6	358.3	355.5
-57.5°	341.4	341.0	340.0	338.4	340.0	341.0	341.4	341.1	340.2	338.2	335.9
-60°	318.1	317.9	317.0	315.4	317.0	317.9	318.1	317.7	316.7	314.9	312.6
-62.5°	291.3	291.3	290.6	289.1	290.6	291.3	291.3	290.6	289.1	287.1	284.8
-65°	259.0	258.7	259.3	259.6	259.3	258.7	259.0	258.7	257.8	256.5	254.3
-67.5°	229.6	229.2	228.2	226.7	228.2	229.2	229.6	229.3	228.3	226.4	223.4
-70°	199.1	199.5	198.6	197.1	198.6	199.5	199.1	198.3	197.2	195.6	193.5
-72.5°	167.6	166.9	167.4	167.6	167.4	166.9	167.6	167.9	167.8	167.1	165.3
-75°	138.3	137.4	137.8	138.0	137.8	137.4	138.3	138.8	138.9	138.6	137.2
-77.5°	108.8	107.9	106.6	105.1	106.6	107.9	108.8	109.4	109.7	109.4	108.2
-80°	78.8	78.5	77.2	75.6	77.2	78.5	78.8	78.9	78.8	78.6	77.9
-82.5°	52.9	52.4	52.5	52.6	52.5	52.4	52.9	53.2	53.5	53.5	52.7
-85°	30.1	29.5	29.6	29.6	29.6	29.5	30.1	30.7	31.2	31.5	31.1
-87.5°	10.6	9.9	9.9	9.9	9.9	9.9	10.6	11.3	12.0	12.7	12.5
-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: P627039 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA2E-735-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°	12.3	12.1	11.9	11.6	11.3	11.0	10.7	10.4	10.0	9.7	9.3
85°	30.5	29.9	29.2	28.4	27.6	26.7	25.7	24.2	22.7	21.3	19.9
82.5°	51.7	50.6	49.4	48.1	46.6	45.0	43.3	41.0	38.5	35.7	32.8
80°	77.0	75.8	74.2	71.4	68.6	65.8	63.0	60.3	57.4	54.4	51.2
77.5°	106.7	104.9	102.4	98.0	93.5	89.0	84.6	80.9	77.3	73.5	69.6
75°	135.5	133.5	130.6	125.9	120.5	114.3	108.6	104.0	99.1	93.9	88.6
72.5°	163.2	160.7	157.6	153.6	149.0	143.4	136.5	129.2	122.2	115.5	109.1
70°	190.9	187.9	184.7	180.8	176.1	170.8	164.0	155.7	146.2	137.0	130.1
67.5°	220.0	216.0	212.6	209.3	205.0	199.6	191.8	183.2	173.9	163.2	153.4
65°	251.1	246.6	242.3	238.3	233.7	228.4	220.3	210.9	200.8	190.2	179.0
62.5°	282.1	279.0	274.1	268.3	262.1	255.6	248.0	238.7	227.8	215.4	203.2
60°	309.6	305.9	300.3	294.6	288.8	281.4	271.8	263.2	255.9	241.9	227.2
57.5°	333.4	329.0	322.4	316.2	310.5	301.8	292.0	282.4	272.9	263.2	250.6
55°	352.2	347.5	341.6	334.6	326.8	318.8	309.7	299.4	289.4	280.5	268.9
52.5°	370.3	365.8	360.1	353.2	345.0	335.6	325.7	315.4	306.0	296.9	286.5
50°	391.3	385.6	379.2	372.2	363.1	353.1	342.5	331.4	321.7	312.4	302.5
47.5°	417.2	408.9	399.7	391.2	381.3	370.2	358.9	347.9	337.3	326.3	316.3
45°	448.3	437.0	424.9	413.4	400.6	388.5	375.5	364.0	352.6	340.8	328.5
42.5°	487.8	470.7	454.9	439.3	423.3	408.7	393.9	380.5	367.7	355.1	341.8
40°	536.0	513.0	492.2	469.3	449.7	430.7	413.7	396.8	382.6	368.9	354.3
37.5°	595.4	565.4	536.8	507.1	481.0	456.0	434.8	415.3	396.8	381.9	366.5
35°	671.4	630.4	589.6	552.5	517.1	486.4	458.2	434.8	413.7	394.3	378.2
32.5°	774.1	716.1	654.1	606.5	559.8	519.5	485.7	456.0	430.7	408.7	389.3
30°	925.1	830.0	744.7	669.1	610.3	558.2	514.1	479.8	449.7	423.3	400.6
27.5°	1141.6	978.0	862.7	751.5	665.5	602.5	549.3	504.3	468.9	439.3	413.2
25°	1448.3	1200.2	1000.2	854.9	738.0	648.5	585.8	533.6	490.3	454.7	423.3
22.5°	1868.8	1493.2	1186.1	965.9	821.6	710.2	625.6	562.6	509.9	468.2	434.1
20°	2487.5	1842.6	1426.7	1124.6	915.5	769.4	667.0	592.9	532.0	482.2	443.5
17.5°	3221.8	2327.2	1690.0	1286.8	1025.3	845.3	715.0	620.7	552.0	494.4	451.1
15°	4004.3	2876.2	2057.9	1503.4	1137.5	910.3	755.0	645.4	571.1	507.9	460.6
12.5°	5003.7	3468.1	2380.6	1684.2	1247.9	981.1	801.4	676.7	589.9	522.4	470.5
10°	5949.1	4085.4	2773.4	1922.3	1382.3	1050.6	842.6	700.8	604.4	533.9	478.5
7.5°	6842.3	4678.9	3113.0	2103.5	1486.0	1105.9	873.1	718.2	614.7	542.0	484.6
5°	7496.9	5120.6	3378.8	2243.3	1559.4	1145.9	892.9	728.9	620.9	546.8	488.8
2.5°	7994.9	5413.2	3540.4	2325.3	1601.3	1169.6	904.8	737.2	626.8	550.6	493.4
0°	8223.7	5526.3	3594.4	2368.9	1626.3	1176.2	910.1	742.5	630.8	552.0	496.1
-2.5°	7994.9	5413.2	3540.4	2325.3	1601.3	1169.6	904.8	737.2	626.8	550.6	493.4
-5°	7496.9	5120.6	3378.8	2243.3	1559.4	1145.9	892.9	728.9	620.9	546.8	488.8
-7.5°	6842.3	4678.9	3113.0	2103.5	1486.0	1105.9	873.1	718.2	614.7	542.0	484.6
-10°	5949.1	4085.4	2773.4	1922.3	1382.3	1050.6	842.6	700.8	604.4	533.9	478.5
-12.5°	5003.7	3468.1	2380.6	1684.2	1247.9	981.1	801.4	676.7	589.9	522.4	470.5
-15°	4004.3	2876.2	2057.9	1503.4	1137.5	910.3	755.0	645.4	571.1	507.9	460.6
-17.5°	3221.8	2327.2	1690.0	1286.8	1025.3	845.3	715.0	620.7	552.0	494.4	451.1
-20°	2487.5	1842.6	1426.7	1124.6	915.5	769.4	667.0	592.9	532.0	482.2	443.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627039 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-735-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1868.8	1493.2	1186.1	965.9	821.6	710.2	625.6	562.6	509.9	468.2	434.1
-25°	1448.3	1200.2	1000.2	854.9	738.0	648.5	585.8	533.6	490.3	454.7	423.3
-27.5°	1141.6	978.0	862.7	751.5	665.5	602.5	549.3	504.3	468.9	439.3	413.2
-30°	925.1	830.0	744.7	669.1	610.3	558.2	514.1	479.8	449.7	423.3	400.6
-32.5°	774.1	716.1	654.1	606.5	559.8	519.5	485.7	456.0	430.7	408.7	389.3
-35°	671.4	630.4	589.6	552.5	517.1	486.4	458.2	434.8	413.7	394.3	378.2
-37.5°	595.4	565.4	536.8	507.1	481.0	456.0	434.8	415.3	396.8	381.9	366.5
-40°	536.0	513.0	492.2	469.3	449.7	430.7	413.7	396.8	382.6	368.9	354.3
-42.5°	487.8	470.7	454.9	439.3	423.3	408.7	393.9	380.5	367.7	355.1	341.8
-45°	448.3	437.0	424.9	413.4	400.6	388.5	375.5	364.0	352.6	340.8	328.5
-47.5°	417.2	408.9	399.7	391.2	381.3	370.2	358.9	347.9	337.3	326.3	316.3
-50°	391.3	385.6	379.2	372.2	363.1	353.1	342.5	331.4	321.7	312.4	302.5
-52.5°	370.3	365.8	360.1	353.2	345.0	335.6	325.7	315.4	306.0	296.9	286.5
-55°	352.2	347.5	341.6	334.6	326.8	318.8	309.7	299.4	289.4	280.5	268.9
-57.5°	333.4	329.0	322.4	316.2	310.5	301.8	292.0	282.4	272.9	263.2	250.6
-60°	309.6	305.9	300.3	294.6	288.8	281.4	271.8	263.2	255.9	241.9	227.2
-62.5°	282.1	279.0	274.1	268.3	262.1	255.6	248.0	238.7	227.8	215.4	203.2
-65°	251.1	246.6	242.3	238.3	233.7	228.4	220.3	210.9	200.8	190.2	179.0
-67.5°	220.0	216.0	212.6	209.3	205.0	199.6	191.8	183.2	173.9	163.2	153.4
-70°	190.9	187.9	184.7	180.8	176.1	170.8	164.0	155.7	146.2	137.0	130.1
-72.5°	163.2	160.7	157.6	153.6	149.0	143.4	136.5	129.2	122.2	115.5	109.1
-75°	135.5	133.5	130.6	125.9	120.5	114.3	108.6	104.0	99.1	93.9	88.6
-77.5°	106.7	104.9	102.4	98.0	93.5	89.0	84.6	80.9	77.3	73.5	69.6
-80°	77.0	75.8	74.2	71.4	68.6	65.8	63.0	60.3	57.4	54.4	51.2
-82.5°	51.7	50.6	49.4	48.1	46.6	45.0	43.3	41.0	38.5	35.7	32.8
-85°	30.5	29.9	29.2	28.4	27.6	26.7	25.7	24.2	22.7	21.3	19.9
-87.5°	12.3	12.1	11.9	11.6	11.3	11.0	10.7	10.4	10.0	9.7	9.3
-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: P627039 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-735-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°	8.8	8.4	8.0	7.5	7.0	6.5	6.0	5.5	5.0	4.5	3.9
85°	19.2	18.3	17.2	16.0	14.6	13.1	12.1	11.1	10.0	9.0	7.9
82.5°	31.1	30.0	28.8	27.3	25.2	22.9	20.7	18.3	16.0	13.6	11.8
80°	48.2	45.2	42.3	39.5	36.2	32.7	29.7	26.6	23.5	20.3	17.0
77.5°	65.4	61.1	56.6	52.5	48.3	44.1	39.7	35.2	30.9	26.9	22.9
75°	82.9	77.7	72.3	66.8	61.1	55.3	50.0	44.7	39.2	33.6	28.7
72.5°	102.5	95.7	88.6	81.4	74.7	67.9	60.9	54.1	47.7	41.2	34.6
70°	122.8	114.4	106.0	97.9	89.4	80.5	72.5	64.4	56.1	48.7	41.2
67.5°	144.2	135.6	125.6	114.9	105.3	95.3	84.4	74.8	65.6	56.1	47.7
65°	167.6	156.8	146.5	134.1	122.0	110.3	98.5	85.8	74.8	64.4	54.1
62.5°	190.5	177.5	165.1	152.4	139.1	125.7	112.4	98.2	84.3	72.5	60.9
60°	213.1	198.7	183.3	168.9	155.0	140.8	125.8	110.2	95.0	80.5	67.9
57.5°	234.6	219.5	202.1	185.2	169.6	154.8	138.7	121.7	105.2	89.2	74.7
55°	254.7	237.8	219.7	201.4	183.9	167.6	150.9	132.9	115.1	97.9	81.2
52.5°	273.1	255.5	236.2	216.7	197.6	179.9	162.3	143.6	124.7	106.3	88.3
50°	290.3	273.1	252.6	231.6	210.7	192.0	173.5	153.9	133.7	114.3	95.2
47.5°	305.1	288.8	269.0	246.3	224.0	203.9	184.5	163.9	142.4	121.9	101.9
45°	317.3	303.4	284.4	261.5	237.6	216.2	195.2	173.7	151.2	129.2	108.3
42.5°	328.6	315.6	298.4	276.4	251.5	228.4	205.8	183.3	159.8	136.2	114.4
40°	340.1	326.3	311.5	289.4	264.6	240.1	216.4	192.6	168.1	143.1	120.2
37.5°	350.8	336.6	321.5	301.4	276.4	251.1	226.5	201.6	175.8	150.0	125.8
35°	361.7	345.8	330.2	310.8	286.6	261.1	236.2	210.3	183.1	156.4	131.0
32.5°	372.2	354.3	337.5	318.5	296.0	270.1	244.8	217.8	190.0	162.3	135.9
30°	381.6	362.3	344.5	325.9	304.0	278.0	252.1	224.7	196.3	167.7	140.5
27.5°	389.2	368.9	351.2	332.3	310.3	285.1	258.5	230.8	202.2	172.7	144.8
25°	396.8	375.0	356.5	338.2	316.3	292.3	264.5	236.3	207.3	177.4	148.8
22.5°	405.2	380.6	360.7	343.7	322.4	299.1	270.2	241.0	211.8	181.6	152.3
20°	412.7	385.6	363.8	348.0	327.3	304.3	275.6	245.3	215.6	185.3	155.3
17.5°	419.2	390.8	367.9	350.6	331.1	308.6	280.5	249.1	218.8	188.6	157.9
15°	426.0	396.3	371.6	352.7	334.1	312.3	285.1	252.4	221.4	191.3	160.3
12.5°	432.1	400.8	374.5	354.3	336.5	315.3	289.1	255.1	223.5	193.7	162.4
10°	437.1	404.3	376.7	355.4	338.1	317.6	292.5	257.7	225.7	195.4	164.2
7.5°	441.0	406.7	378.1	356.0	339.2	319.4	295.4	260.7	227.5	196.7	165.7
5°	443.9	408.6	380.3	358.0	340.6	320.8	297.4	263.2	228.9	197.3	166.7
2.5°	446.1	410.2	382.7	360.0	341.4	321.7	298.6	265.0	229.7	197.5	167.4
0°	446.8	410.7	384.4	361.4	341.7	322.0	299.0	266.1	230.0	197.1	167.6
-2.5°	446.1	410.2	382.7	360.0	341.4	321.7	298.6	265.0	229.7	197.5	167.4
-5°	443.9	408.6	380.3	358.0	340.6	320.8	297.4	263.2	228.9	197.3	166.7
-7.5°	441.0	406.7	378.1	356.0	339.2	319.4	295.4	260.7	227.5	196.7	165.7
-10°	437.1	404.3	376.7	355.4	338.1	317.6	292.5	257.7	225.7	195.4	164.2
-12.5°	432.1	400.8	374.5	354.3	336.5	315.3	289.1	255.1	223.5	193.7	162.4
-15°	426.0	396.3	371.6	352.7	334.1	312.3	285.1	252.4	221.4	191.3	160.3
-17.5°	419.2	390.8	367.9	350.6	331.1	308.6	280.5	249.1	218.8	188.6	157.9
-20°	412.7	385.6	363.8	348.0	327.3	304.3	275.6	245.3	215.6	185.3	155.3

Classified

Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P627039 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-735-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°	405.2	380.6	360.7	343.7	322.4	299.1	270.2	241.0	211.8	181.6	152.3
-25°	396.8	375.0	356.5	338.2	316.3	292.3	264.5	236.3	207.3	177.4	148.8
-27.5°	389.2	368.9	351.2	332.3	310.3	285.1	258.5	230.8	202.2	172.7	144.8
-30°	381.6	362.3	344.5	325.9	304.0	278.0	252.1	224.7	196.3	167.7	140.5
-32.5°	372.2	354.3	337.5	318.5	296.0	270.1	244.8	217.8	190.0	162.3	135.9
-35°	361.7	345.8	330.2	310.8	286.6	261.1	236.2	210.3	183.1	156.4	131.0
-37.5°	350.8	336.6	321.5	301.4	276.4	251.1	226.5	201.6	175.8	150.0	125.8
-40°	340.1	326.3	311.5	289.4	264.6	240.1	216.4	192.6	168.1	143.1	120.2
-42.5°	328.6	315.6	298.4	276.4	251.5	228.4	205.8	183.3	159.8	136.2	114.4
-45°	317.3	303.4	284.4	261.5	237.6	216.2	195.2	173.7	151.2	129.2	108.3
-47.5°	305.1	288.8	269.0	246.3	224.0	203.9	184.5	163.9	142.4	121.9	101.9
-50°	290.3	273.1	252.6	231.6	210.7	192.0	173.5	153.9	133.7	114.3	95.2
-52.5°	273.1	255.5	236.2	216.7	197.6	179.9	162.3	143.6	124.7	106.3	88.3
-55°	254.7	237.8	219.7	201.4	183.9	167.6	150.9	132.9	115.1	97.9	81.2
-57.5°	234.6	219.5	202.1	185.2	169.6	154.8	138.7	121.7	105.2	89.2	74.7
-60°	213.1	198.7	183.3	168.9	155.0	140.8	125.8	110.2	95.0	80.5	67.9
-62.5°	190.5	177.5	165.1	152.4	139.1	125.7	112.4	98.2	84.3	72.5	60.9
-65°	167.6	156.8	146.5	134.1	122.0	110.3	98.5	85.8	74.8	64.4	54.1
-67.5°	144.2	135.6	125.6	114.9	105.3	95.3	84.4	74.8	65.6	56.1	47.7
-70°	122.8	114.4	106.0	97.9	89.4	80.5	72.5	64.4	56.1	48.7	41.2
-72.5°	102.5	95.7	88.6	81.4	74.7	67.9	60.9	54.1	47.7	41.2	34.6
-75°	82.9	77.7	72.3	66.8	61.1	55.3	50.0	44.7	39.2	33.6	28.7
-77.5°	65.4	61.1	56.6	52.5	48.3	44.1	39.7	35.2	30.9	26.9	22.9
-80°	48.2	45.2	42.3	39.5	36.2	32.7	29.7	26.6	23.5	20.3	17.0
-82.5°	31.1	30.0	28.8	27.3	25.2	22.9	20.7	18.3	16.0	13.6	11.8
-85°	19.2	18.3	17.2	16.0	14.6	13.1	12.1	11.1	10.0	9.0	7.9
-87.5°	8.8	8.4	8.0	7.5	7.0	6.5	6.0	5.5	5.0	4.5	3.9
-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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REPORT NUMBER: P627039 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2E-735-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°	3.4	2.8	2.3	1.7	1.1	0.5	0.0
85°	6.8	5.7	4.5	3.4	2.3	1.0	0.0
82.5°	10.1	8.5	6.8	5.1	3.4	1.5	0.0
80°	13.7	11.3	9.1	6.8	4.5	2.0	0.0
77.5°	18.7	14.5	11.3	8.5	5.6	2.5	0.0
75°	23.6	18.5	13.6	10.1	6.7	3.0	0.0
72.5°	28.5	22.4	16.7	11.8	7.8	3.4	0.0
70°	33.3	26.2	19.6	13.5	8.8	3.9	0.0
67.5°	38.8	29.9	22.5	15.6	9.8	4.4	0.0
65°	44.2	34.0	25.3	17.6	10.8	4.8	0.0
62.5°	49.5	38.4	28.0	19.6	11.8	5.2	0.0
60°	54.7	42.7	30.7	21.5	12.7	5.6	0.0
57.5°	60.3	46.9	34.0	23.4	13.9	6.0	0.0
55°	65.9	51.0	37.3	25.2	15.0	6.4	0.0
52.5°	71.3	55.0	40.4	26.9	16.2	6.8	0.0
50°	76.6	59.4	43.4	28.6	17.3	7.2	0.0
47.5°	81.7	63.6	46.4	30.3	18.3	7.5	0.0
45°	87.2	67.6	49.2	32.4	19.4	7.8	0.0
42.5°	92.4	71.4	51.9	34.4	20.4	8.1	0.0
40°	97.4	75.1	54.6	36.4	21.3	8.4	0.0
37.5°	102.1	78.6	57.4	38.3	22.3	8.6	0.0
35°	106.6	82.1	60.0	40.1	23.1	8.9	0.0
32.5°	110.7	85.6	62.4	41.7	24.0	9.1	0.0
30°	114.6	88.8	64.7	43.3	24.7	9.3	0.0
27.5°	118.2	91.8	66.9	44.8	25.5	9.4	0.0
25°	121.5	94.5	69.0	46.1	26.2	9.6	0.0
22.5°	124.5	97.0	70.8	47.3	26.8	9.7	0.0
20°	127.1	99.1	72.5	48.4	27.4	9.8	0.0
17.5°	129.3	100.9	74.0	49.4	27.9	9.9	0.0
15°	131.1	102.4	75.3	50.2	28.3	10.0	0.0
12.5°	132.6	103.5	76.4	51.0	28.7	10.0	0.0
10°	133.7	104.4	77.3	51.5	29.0	10.0	0.0
7.5°	134.5	105.0	78.0	52.0	29.3	10.0	0.0
5°	134.9	105.3	78.5	52.3	29.5	10.0	0.0
2.5°	135.0	105.3	78.8	52.5	29.6	10.0	0.0
0°	134.7	105.1	78.9	52.6	29.6	9.9	0.0
-2.5°	135.0	105.3	78.8	52.5	29.6	10.0	0.0
-5°	134.9	105.3	78.5	52.3	29.5	10.0	0.0
-7.5°	134.5	105.0	78.0	52.0	29.3	10.0	0.0
-10°	133.7	104.4	77.3	51.5	29.0	10.0	0.0
-12.5°	132.6	103.5	76.4	51.0	28.7	10.0	0.0
-15°	131.1	102.4	75.3	50.2	28.3	10.0	0.0
-17.5°	129.3	100.9	74.0	49.4	27.9	9.9	0.0
-20°	127.1	99.1	72.5	48.4	27.4	9.8	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	124.5	97.0	70.8	47.3	26.8	9.7	0.0
-25°	121.5	94.5	69.0	46.1	26.2	9.6	0.0
-27.5°	118.2	91.8	66.9	44.8	25.5	9.4	0.0
-30°	114.6	88.8	64.7	43.3	24.7	9.3	0.0
-32.5°	110.7	85.6	62.4	41.7	24.0	9.1	0.0
-35°	106.6	82.1	60.0	40.1	23.1	8.9	0.0
-37.5°	102.1	78.6	57.4	38.3	22.3	8.6	0.0
-40°	97.4	75.1	54.6	36.4	21.3	8.4	0.0
-42.5°	92.4	71.4	51.9	34.4	20.4	8.1	0.0
-45°	87.2	67.6	49.2	32.4	19.4	7.8	0.0
-47.5°	81.7	63.6	46.4	30.3	18.3	7.5	0.0
-50°	76.6	59.4	43.4	28.6	17.3	7.2	0.0
-52.5°	71.3	55.0	40.4	26.9	16.2	6.8	0.0
-55°	65.9	51.0	37.3	25.2	15.0	6.4	0.0
-57.5°	60.3	46.9	34.0	23.4	13.9	6.0	0.0
-60°	54.7	42.7	30.7	21.5	12.7	5.6	0.0
-62.5°	49.5	38.4	28.0	19.6	11.8	5.2	0.0
-65°	44.2	34.0	25.3	17.6	10.8	4.8	0.0
-67.5°	38.8	29.9	22.5	15.6	9.8	4.4	0.0
-70°	33.3	26.2	19.6	13.5	8.8	3.9	0.0
-72.5°	28.5	22.4	16.7	11.8	7.8	3.4	0.0
-75°	23.6	18.5	13.6	10.1	6.7	3.0	0.0
-77.5°	18.7	14.5	11.3	8.5	5.6	2.5	0.0
-80°	13.7	11.3	9.1	6.8	4.5	2.0	0.0
-82.5°	10.1	8.5	6.8	5.1	3.4	1.5	0.0
-85°	6.8	5.7	4.5	3.4	2.3	1.0	0.0
-87.5°	3.4	2.8	2.3	1.7	1.1	0.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)