

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: P627307 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-722-U-MWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627307 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA4B-722-U-MWR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N83  
Light Source: (64) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

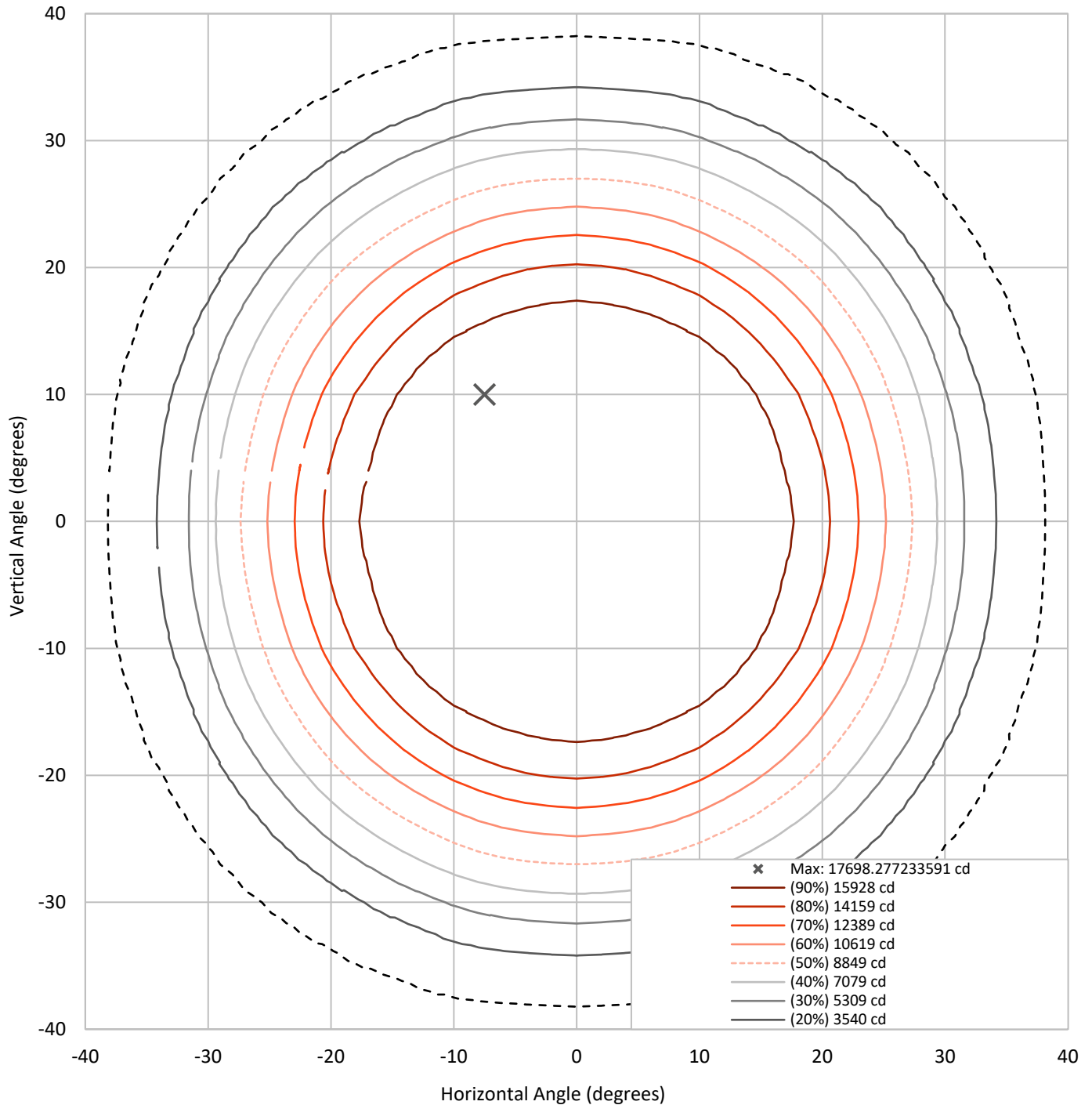
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	15062.9 lumens	Max Intensity:	17698.3 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	116.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	9997.9 lumens	Field Lumens:	13000.1 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	129.5		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





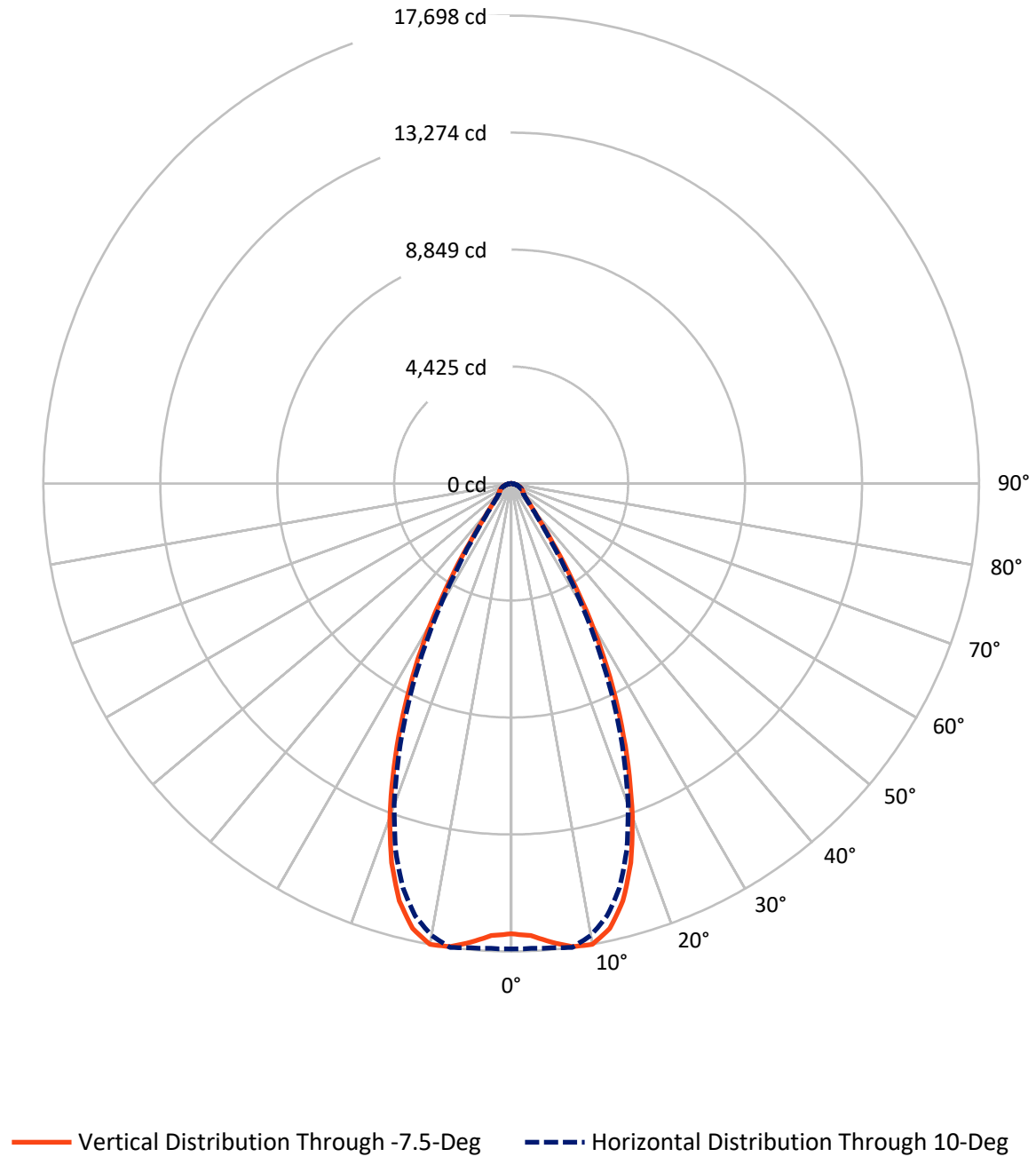
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### Lumen Table

90																
80	0.4	3.5		9.5		15.0		16.7		15.0		9.5		3.5		0.4
70																
60	1.6	1.8	3.7	6.0	8.4	10.2	11.6	12.2	12.2	11.6	10.2	8.4	6.0	3.7	1.8	1.6
50		2.7	5.4	8.7	11.6	14.1	15.7	16.4	16.4	15.7	14.1	11.6	8.7	5.4	2.7	
40	2.8	3.5	6.9	10.5	14.1	18.4	23.1	26.6	26.6	23.1	18.4	14.1	10.5	6.9	3.5	2.8
30		4.2	8.0	12.1	18.8	34.2	65.5	97.1	97.1	65.5	34.2	18.8	12.1	8.0	4.2	
20	3.7	4.6	8.7	14.2	30.9	96.7	216.9	302.9	302.9	216.9	96.7	30.9	14.2	8.7	4.6	3.7
10		5.0	9.2	16.8	55.8	206.1	393.7	492.7	492.7	393.7	206.1	55.8	16.8	9.2	5.0	
0	3.9	5.1	9.4	18.9	80.3	282.1	477.6	519.6	519.6	477.6	282.1	80.3	18.9	9.4	5.1	3.9
-10		5.1	9.4	18.9	80.3	282.1	477.6	519.6	519.6	477.6	282.1	80.3	18.9	9.4	5.1	
-20	3.7	5.0	9.2	16.8	55.8	206.1	393.7	492.7	492.7	393.7	206.1	55.8	16.8	9.2	5.0	3.7
-30		4.6	8.7	14.2	30.9	96.7	216.9	302.9	302.9	216.9	96.7	30.9	14.2	8.7	4.6	
-40	2.8	4.2	8.0	12.1	18.8	34.2	65.5	97.1	97.1	65.5	34.2	18.8	12.1	8.0	4.2	2.8
-50		3.5	6.9	10.5	14.1	18.4	23.1	26.6	26.6	23.1	18.4	14.1	10.5	6.9	3.5	
-60	1.6	2.7	5.4	8.7	11.6	14.1	15.7	16.4	16.4	15.7	14.1	11.6	8.7	5.4	2.7	1.6
-70		1.8	3.7	6.0	8.4	10.2	11.6	12.2	12.2	11.6	10.2	8.4	6.0	3.7	1.8	
-80																
-90	0.4	3.5		9.5		15.0		16.7		15.0		9.5		3.5		0.4
Horizontal Angle (degrees)																

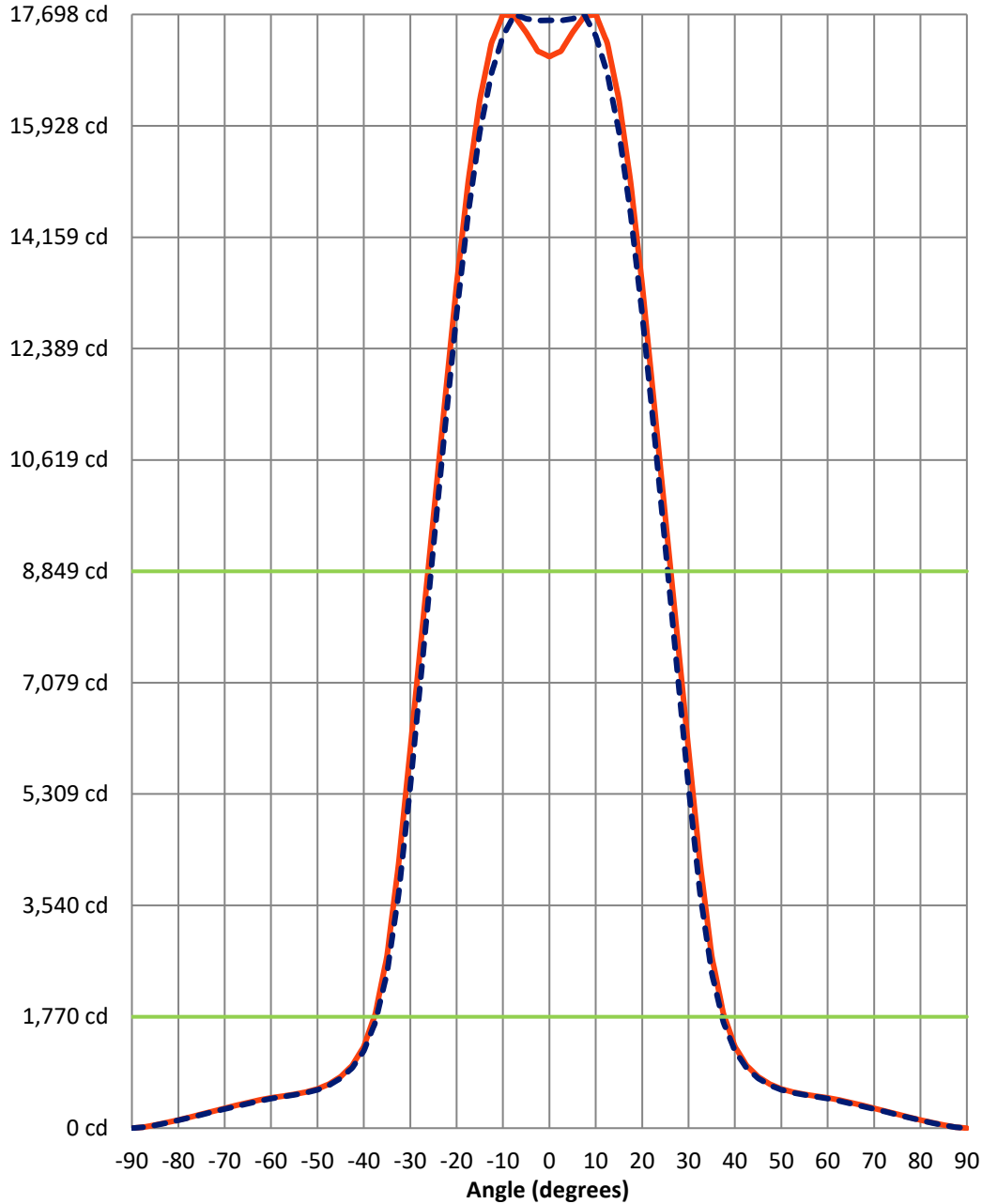
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 52.3°  
 Lumens: 9997.9  
 Efficiency: 66.4%

**Field:**  
 H Angle: 74.5°  
 V Angle: 75.5°  
 Lumens: 13000.1  
 Efficiency: 86.3%

**Spill:**  
 Lumens: 2062.9  
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg  
 - - Horizontal Distribution through 10-Deg

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.7	1.4	2.0	2.7	3.4	4.0	4.9	5.8	6.8	7.9
85°	0.0	1.4	2.7	4.0	5.4	6.7	8.0	9.8	11.6	13.6	15.7
82.5°	0.0	2.0	4.0	6.1	8.1	10.0	12.0	14.6	17.8	22.4	26.8
80°	0.0	2.7	5.4	8.1	10.7	13.4	16.5	22.8	28.8	34.4	39.8
77.5°	0.0	3.4	6.7	10.0	13.4	18.0	25.2	32.6	39.7	46.4	53.6
75°	0.0	4.0	8.0	12.0	16.5	25.2	33.8	42.4	50.9	60.6	70.2
72.5°	0.0	4.7	9.3	13.9	22.2	32.3	42.3	52.6	64.1	75.5	86.6
70°	0.0	5.3	10.6	16.3	27.8	39.3	50.9	64.1	77.2	90.2	103.7
67.5°	0.0	5.9	11.9	20.5	33.4	46.2	60.5	75.5	90.1	105.3	120.8
65°	0.0	6.5	13.1	24.5	38.8	53.5	70.0	86.6	103.2	120.2	138.2
62.5°	0.0	7.2	14.3	28.5	44.1	61.1	79.2	97.6	115.9	135.1	156.8
60°	0.0	7.7	15.5	32.4	49.3	68.5	88.2	108.3	128.4	151.3	175.0
57.5°	0.0	8.3	18.0	36.3	55.0	75.7	97.2	118.8	141.8	167.0	192.1
55°	0.0	8.9	20.4	40.0	60.5	82.6	106.0	129.0	155.2	182.2	208.6
52.5°	0.0	9.4	22.7	43.6	65.8	89.4	114.7	140.2	168.2	196.5	224.6
50°	0.0	10.0	25.0	47.0	71.0	96.5	123.1	151.2	180.6	210.5	240.1
47.5°	0.0	10.5	27.2	50.5	75.9	103.3	131.4	161.7	192.5	223.9	255.0
45°	0.0	11.0	29.2	54.0	80.6	109.9	139.9	171.7	204.0	236.8	269.4
42.5°	0.0	11.4	31.2	57.4	85.1	116.3	148.1	181.2	215.0	249.2	283.0
40°	0.0	11.9	33.0	60.5	89.6	122.4	155.8	190.3	225.4	261.0	296.0
37.5°	0.0	12.3	34.8	63.3	94.3	128.2	163.1	198.8	235.5	272.5	308.6
35°	0.0	12.7	36.4	66.1	98.6	133.8	170.0	206.7	245.1	283.1	320.3
32.5°	0.0	13.1	37.9	68.6	102.8	139.2	176.4	214.1	254.3	293.0	330.6
30°	0.0	13.4	39.3	71.0	106.7	144.2	182.3	221.1	262.9	302.1	340.2
27.5°	0.0	13.7	40.6	73.1	110.1	148.8	187.7	228.0	270.7	310.5	349.1
25°	0.0	14.0	41.7	75.1	113.2	152.9	192.6	234.3	277.5	317.9	357.3
22.5°	0.0	14.3	42.8	76.9	116.1	156.7	197.0	240.1	283.6	324.4	364.6
20°	0.0	14.6	43.7	78.5	118.6	159.8	200.9	245.4	289.0	330.3	371.2
17.5°	0.0	14.8	44.5	79.8	120.8	162.6	204.4	250.0	293.7	335.4	377.0
15°	0.0	15.0	45.1	81.0	122.6	164.9	207.6	254.2	297.6	339.8	381.9
12.5°	0.0	15.1	45.7	82.0	124.2	166.9	210.4	257.9	301.2	343.4	386.0
10°	0.0	15.3	46.1	82.7	125.4	168.4	212.6	261.0	304.2	346.8	389.5
7.5°	0.0	15.4	46.4	83.3	126.3	169.5	214.4	263.3	306.6	349.6	392.5
5°	0.0	15.4	46.5	83.6	126.9	170.2	215.7	265.0	308.3	351.5	394.7
2.5°	0.0	15.5	46.6	83.7	127.1	170.5	216.5	266.1	309.4	352.7	396.1
0°	0.0	15.5	46.5	83.6	127.0	170.4	216.8	266.4	309.7	353.1	396.5
-2.5°	0.0	15.5	46.6	83.7	127.1	170.5	216.5	266.1	309.4	352.7	396.1
-5°	0.0	15.4	46.5	83.6	126.9	170.2	215.7	265.0	308.3	351.5	394.7
-7.5°	0.0	15.4	46.4	83.3	126.3	169.5	214.4	263.3	306.6	349.6	392.5
-10°	0.0	15.3	46.1	82.7	125.4	168.4	212.6	261.0	304.2	346.8	389.5
-12.5°	0.0	15.1	45.7	82.0	124.2	166.9	210.4	257.9	301.2	343.4	386.0
-15°	0.0	15.0	45.1	81.0	122.6	164.9	207.6	254.2	297.6	339.8	381.9
-17.5°	0.0	14.8	44.5	79.8	120.8	162.6	204.4	250.0	293.7	335.4	377.0
-20°	0.0	14.6	43.7	78.5	118.6	159.8	200.9	245.4	289.0	330.3	371.2

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CATALOG NUMBER: GFLD-SA4B-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	14.3	42.8	76.9	116.1	156.7	197.0	240.1	283.6	324.4	364.6
-25°	0.0	14.0	41.7	75.1	113.2	152.9	192.6	234.3	277.5	317.9	357.3
-27.5°	0.0	13.7	40.6	73.1	110.1	148.8	187.7	228.0	270.7	310.5	349.1
-30°	0.0	13.4	39.3	71.0	106.7	144.2	182.3	221.1	262.9	302.1	340.2
-32.5°	0.0	13.1	37.9	68.6	102.8	139.2	176.4	214.1	254.3	293.0	330.6
-35°	0.0	12.7	36.4	66.1	98.6	133.8	170.0	206.7	245.1	283.1	320.3
-37.5°	0.0	12.3	34.8	63.3	94.3	128.2	163.1	198.8	235.5	272.5	308.6
-40°	0.0	11.9	33.0	60.5	89.6	122.4	155.8	190.3	225.4	261.0	296.0
-42.5°	0.0	11.4	31.2	57.4	85.1	116.3	148.1	181.2	215.0	249.2	283.0
-45°	0.0	11.0	29.2	54.0	80.6	109.9	139.9	171.7	204.0	236.8	269.4
-47.5°	0.0	10.5	27.2	50.5	75.9	103.3	131.4	161.7	192.5	223.9	255.0
-50°	0.0	10.0	25.0	47.0	71.0	96.5	123.1	151.2	180.6	210.5	240.1
-52.5°	0.0	9.4	22.7	43.6	65.8	89.4	114.7	140.2	168.2	196.5	224.6
-55°	0.0	8.9	20.4	40.0	60.5	82.6	106.0	129.0	155.2	182.2	208.6
-57.5°	0.0	8.3	18.0	36.3	55.0	75.7	97.2	118.8	141.8	167.0	192.1
-60°	0.0	7.7	15.5	32.4	49.3	68.5	88.2	108.3	128.4	151.3	175.0
-62.5°	0.0	7.2	14.3	28.5	44.1	61.1	79.2	97.6	115.9	135.1	156.8
-65°	0.0	6.5	13.1	24.5	38.8	53.5	70.0	86.6	103.2	120.2	138.2
-67.5°	0.0	5.9	11.9	20.5	33.4	46.2	60.5	75.5	90.1	105.3	120.8
-70°	0.0	5.3	10.6	16.3	27.8	39.3	50.9	64.1	77.2	90.2	103.7
-72.5°	0.0	4.7	9.3	13.9	22.2	32.3	42.3	52.6	64.1	75.5	86.6
-75°	0.0	4.0	8.0	12.0	16.5	25.2	33.8	42.4	50.9	60.6	70.2
-77.5°	0.0	3.4	6.7	10.0	13.4	18.0	25.2	32.6	39.7	46.4	53.6
-80°	0.0	2.7	5.4	8.1	10.7	13.4	16.5	22.8	28.8	34.4	39.8
-82.5°	0.0	2.0	4.0	6.1	8.1	10.0	12.0	14.6	17.8	22.4	26.8
-85°	0.0	1.4	2.7	4.0	5.4	6.7	8.0	9.8	11.6	13.6	15.7
-87.5°	0.0	0.7	1.4	2.0	2.7	3.4	4.0	4.9	5.8	6.8	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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**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°	8.6	9.3	10.0	10.7	11.3	12.0	12.6	13.2	13.7	14.2	14.8
85°	17.2	18.6	21.1	23.6	26.0	28.3	30.5	32.7	34.8	36.7	38.6
82.5°	30.7	34.7	38.8	43.0	46.7	50.1	53.6	57.1	60.6	64.1	67.6
80°	45.2	50.8	57.2	63.2	68.6	73.6	78.5	83.2	88.3	93.7	99.3
77.5°	61.9	69.8	77.3	84.3	91.0	98.4	105.6	112.4	119.6	126.6	133.4
75°	79.7	88.8	98.4	107.8	117.0	125.8	134.5	143.3	152.2	161.1	169.5
72.5°	98.2	109.7	121.0	132.0	143.4	154.4	165.2	175.5	186.1	197.0	207.3
70°	117.3	130.5	144.4	157.8	170.6	183.6	196.7	209.3	221.6	234.2	246.7
67.5°	136.7	153.2	168.9	183.8	198.9	214.1	228.9	244.0	258.5	273.2	287.2
65°	158.0	176.0	193.2	210.2	227.4	245.3	262.7	279.5	296.4	312.8	327.5
62.5°	178.8	198.0	217.0	236.5	256.9	277.0	296.0	315.3	334.9	352.0	367.0
60°	198.0	219.4	240.6	262.8	285.3	306.9	328.2	349.2	370.3	390.1	402.2
57.5°	216.6	240.2	263.7	287.6	311.3	335.4	357.8	380.9	400.5	417.1	431.2
55°	234.7	260.3	285.4	310.3	336.0	361.2	385.6	407.5	426.6	440.5	454.1
52.5°	252.3	279.3	305.1	332.1	359.4	386.2	411.6	431.9	447.7	461.8	474.5
50°	269.3	296.8	324.1	353.4	382.2	410.4	434.4	452.2	468.2	482.0	495.3
47.5°	285.3	313.9	343.1	373.9	404.2	431.5	453.6	472.2	488.5	503.4	519.2
45°	300.6	331.0	361.9	393.7	424.6	451.0	472.3	492.3	507.7	524.4	542.5
42.5°	315.5	347.5	379.8	412.6	443.9	468.6	489.8	508.2	526.2	546.1	567.9
40°	329.7	363.0	396.7	430.9	462.1	484.0	504.8	524.3	546.1	569.7	595.0
37.5°	343.0	377.6	412.6	448.1	475.5	498.1	519.3	541.0	566.4	593.8	628.1
35°	355.5	391.2	427.4	461.4	487.5	511.4	533.4	557.6	587.3	623.0	667.0
32.5°	367.0	403.7	441.0	472.3	498.6	523.4	545.9	576.2	611.8	654.4	716.7
30°	377.6	415.2	452.6	482.9	508.5	533.4	560.9	595.0	636.6	698.9	778.5
27.5°	387.5	425.7	461.7	491.7	517.4	543.1	575.3	616.5	671.4	745.7	844.7
25°	396.6	435.6	470.5	499.1	525.7	554.1	589.1	635.5	707.7	803.6	937.4
22.5°	404.7	444.6	478.9	505.5	533.4	564.3	605.1	663.1	746.3	858.3	1030.8
20°	412.1	451.4	485.1	511.6	540.5	572.6	619.3	689.3	789.6	934.6	1154.8
17.5°	418.5	457.4	489.8	517.4	547.5	582.1	633.1	711.9	828.1	1001.2	1280.2
15°	423.9	462.5	493.8	522.3	553.5	593.0	652.4	741.5	872.8	1070.4	1389.5
12.5°	428.5	466.7	497.1	526.4	558.5	602.1	668.8	769.5	919.1	1155.5	1550.5
10°	432.1	470.0	499.5	529.5	562.4	609.3	682.2	792.3	957.6	1229.2	1687.8
7.5°	435.4	472.4	501.3	531.7	565.2	614.7	692.4	809.9	987.0	1287.0	1796.5
5°	437.8	473.9	502.2	533.0	567.6	618.3	699.3	822.1	1007.4	1328.4	1873.0
2.5°	439.3	474.4	502.4	533.3	569.3	619.9	702.8	828.9	1023.4	1348.0	1914.1
0°	439.8	473.9	501.8	532.7	569.9	619.5	703.1	830.1	1031.4	1347.3	1920.3
-2.5°	439.3	474.4	502.4	533.3	569.3	619.9	702.8	828.9	1023.4	1348.0	1914.1
-5°	437.8	473.9	502.2	533.0	567.6	618.3	699.3	822.1	1007.4	1328.4	1873.0
-7.5°	435.4	472.4	501.3	531.7	565.2	614.7	692.4	809.9	987.0	1287.0	1796.5
-10°	432.1	470.0	499.5	529.5	562.4	609.3	682.2	792.3	957.6	1229.2	1687.8
-12.5°	428.5	466.7	497.1	526.4	558.5	602.1	668.8	769.5	919.1	1155.5	1550.5
-15°	423.9	462.5	493.8	522.3	553.5	593.0	652.4	741.5	872.8	1070.4	1389.5
-17.5°	418.5	457.4	489.8	517.4	547.5	582.1	633.1	711.9	828.1	1001.2	1280.2
-20°	412.1	451.4	485.1	511.6	540.5	572.6	619.3	689.3	789.6	934.6	1154.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627307 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	404.7	444.6	478.9	505.5	533.4	564.3	605.1	663.1	746.3	858.3	1030.8
-25°	396.6	435.6	470.5	499.1	525.7	554.1	589.1	635.5	707.7	803.6	937.4
-27.5°	387.5	425.7	461.7	491.7	517.4	543.1	575.3	616.5	671.4	745.7	844.7
-30°	377.6	415.2	452.6	482.9	508.5	533.4	560.9	595.0	636.6	698.9	778.5
-32.5°	367.0	403.7	441.0	472.3	498.6	523.4	545.9	576.2	611.8	654.4	716.7
-35°	355.5	391.2	427.4	461.4	487.5	511.4	533.4	557.6	587.3	623.0	667.0
-37.5°	343.0	377.6	412.6	448.1	475.5	498.1	519.3	541.0	566.4	593.8	628.1
-40°	329.7	363.0	396.7	430.9	462.1	484.0	504.8	524.3	546.1	569.7	595.0
-42.5°	315.5	347.5	379.8	412.6	443.9	468.6	489.8	508.2	526.2	546.1	567.9
-45°	300.6	331.0	361.9	393.7	424.6	451.0	472.3	492.3	507.7	524.4	542.5
-47.5°	285.3	313.9	343.1	373.9	404.2	431.5	453.6	472.2	488.5	503.4	519.2
-50°	269.3	296.8	324.1	353.4	382.2	410.4	434.4	452.2	468.2	482.0	495.3
-52.5°	252.3	279.3	305.1	332.1	359.4	386.2	411.6	431.9	447.7	461.8	474.5
-55°	234.7	260.3	285.4	310.3	336.0	361.2	385.6	407.5	426.6	440.5	454.1
-57.5°	216.6	240.2	263.7	287.6	311.3	335.4	357.8	380.9	400.5	417.1	431.2
-60°	198.0	219.4	240.6	262.8	285.3	306.9	328.2	349.2	370.3	390.1	402.2
-62.5°	178.8	198.0	217.0	236.5	256.9	277.0	296.0	315.3	334.9	352.0	367.0
-65°	158.0	176.0	193.2	210.2	227.4	245.3	262.7	279.5	296.4	312.8	327.5
-67.5°	136.7	153.2	168.9	183.8	198.9	214.1	228.9	244.0	258.5	273.2	287.2
-70°	117.3	130.5	144.4	157.8	170.6	183.6	196.7	209.3	221.6	234.2	246.7
-72.5°	98.2	109.7	121.0	132.0	143.4	154.4	165.2	175.5	186.1	197.0	207.3
-75°	79.7	88.8	98.4	107.8	117.0	125.8	134.5	143.3	152.2	161.1	169.5
-77.5°	61.9	69.8	77.3	84.3	91.0	98.4	105.6	112.4	119.6	126.6	133.4
-80°	45.2	50.8	57.2	63.2	68.6	73.6	78.5	83.2	88.3	93.7	99.3
-82.5°	30.7	34.7	38.8	43.0	46.7	50.1	53.6	57.1	60.6	64.1	67.6
-85°	17.2	18.6	21.1	23.6	26.0	28.3	30.5	32.7	34.8	36.7	38.6
-87.5°	8.6	9.3	10.0	10.7	11.3	12.0	12.6	13.2	13.7	14.2	14.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627307 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	15.2	15.0	14.8	14.4	14.1	15.0	16.0	17.0	18.0	17.4	16.8
85°	40.3	41.3	42.0	42.7	43.2	45.1	47.0	48.7	50.4	50.3	50.1
82.5°	71.0	73.2	75.2	76.9	78.5	80.7	82.8	84.5	86.0	87.1	88.0
80°	104.5	108.2	111.4	114.3	116.9	119.9	122.6	125.1	127.2	128.4	129.1
77.5°	140.0	145.5	150.3	154.9	159.3	163.6	167.6	171.1	174.1	174.9	174.7
75°	177.6	184.9	191.7	198.0	203.9	208.9	213.1	216.7	219.6	221.1	221.8
72.5°	217.2	226.2	234.2	241.5	247.7	252.8	257.3	261.2	264.5	266.6	267.8
70°	258.6	269.1	277.4	284.2	289.5	294.6	300.4	305.9	311.0	313.9	315.0
67.5°	300.0	310.9	318.5	324.7	329.5	334.6	341.9	348.4	354.2	358.2	360.7
65°	340.5	352.0	359.6	365.6	370.1	375.1	383.2	389.7	394.6	398.5	402.1
62.5°	380.6	392.2	400.6	407.7	414.2	419.7	426.4	431.9	436.1	440.0	444.3
60°	415.2	429.0	437.9	445.1	453.1	461.8	466.7	470.8	474.4	477.5	480.2
57.5°	443.6	455.9	467.3	475.9	484.3	492.4	498.2	502.0	505.1	507.5	508.4
55°	467.3	480.0	492.8	502.1	510.3	517.8	524.2	529.2	533.4	536.6	537.4
52.5°	488.6	502.9	515.3	526.0	537.0	545.9	552.9	559.7	565.6	570.4	572.4
50°	511.7	526.7	542.2	556.6	568.2	578.4	586.9	596.5	606.6	615.0	620.3
47.5°	536.0	553.2	572.0	589.8	603.5	618.6	632.6	646.9	665.7	681.6	693.3
45°	561.4	583.6	605.0	627.6	646.5	675.0	701.4	724.2	754.3	781.6	803.4
42.5°	591.5	619.1	645.3	681.5	719.3	758.2	800.2	836.0	883.1	931.1	969.8
40°	627.1	662.3	708.7	757.2	816.9	870.3	942.8	1007.4	1079.7	1171.1	1246.7
37.5°	669.9	724.2	788.7	856.3	949.4	1038.3	1158.1	1284.4	1398.9	1574.8	1722.8
35°	725.6	801.5	886.4	1006.0	1137.7	1304.3	1491.3	1735.1	1944.3	2241.0	2524.5
32.5°	797.3	894.9	1033.5	1218.2	1412.9	1715.3	2011.9	2435.4	2827.6	3297.8	3805.3
30°	877.1	1025.6	1237.4	1490.7	1853.8	2298.9	2821.7	3472.2	4184.0	4844.9	5496.2
27.5°	992.7	1205.5	1483.7	1892.4	2458.4	3081.1	3997.2	4880.2	5801.3	6620.2	7303.1
25°	1127.8	1408.9	1839.2	2441.0	3206.5	4272.7	5369.3	6459.0	7449.7	8306.9	9061.5
22.5°	1302.1	1706.5	2280.1	3059.5	4251.6	5529.5	6815.4	8017.4	9074.1	10028.7	10845.6
20°	1491.8	1997.7	2816.8	3979.2	5342.4	6798.3	8250.3	9530.6	10694.2	11776.6	12697.2
17.5°	1732.1	2440.7	3478.0	4872.4	6448.4	8043.6	9569.0	10958.4	12278.5	13423.9	14385.7
15°	1936.9	2830.8	4184.6	5820.0	7524.7	9207.4	10817.8	12327.0	13699.5	14874.6	15778.9
12.5°	2210.1	3268.0	4812.0	6634.6	8481.9	10252.5	11948.8	13508.7	14905.4	16067.6	16771.5
10°	2468.4	3720.6	5418.3	7319.1	9238.4	11124.8	12936.0	14535.8	15832.5	16757.0	17357.0
7.5°	2688.0	4109.6	5911.6	7872.4	9839.3	11811.6	13645.0	15201.5	16397.2	17169.3	17587.0
5°	2851.9	4400.5	6277.7	8321.9	10340.3	12347.2	14166.3	15627.5	16660.9	17234.5	17444.2
2.5°	2956.4	4571.3	6490.2	8616.9	10675.6	12686.2	14523.9	15962.2	16839.0	17219.2	17255.3
0°	2998.2	4593.3	6523.0	8771.6	10760.1	12782.7	14625.6	16099.9	16905.2	17218.1	17211.9
-2.5°	2956.4	4571.3	6490.2	8616.9	10675.6	12686.2	14523.9	15962.2	16839.0	17219.2	17255.3
-5°	2851.9	4400.5	6277.7	8321.9	10340.3	12347.2	14166.3	15627.5	16660.9	17234.5	17444.2
-7.5°	2688.0	4109.6	5911.6	7872.4	9839.3	11811.6	13645.0	15201.5	16397.2	17169.3	17587.0
-10°	2468.4	3720.6	5418.3	7319.1	9238.4	11124.8	12936.0	14535.8	15832.5	16757.0	17357.0
-12.5°	2210.1	3268.0	4812.0	6634.6	8481.9	10252.5	11948.8	13508.7	14905.4	16067.6	16771.5
-15°	1936.9	2830.8	4184.6	5820.0	7524.7	9207.4	10817.8	12327.0	13699.5	14874.6	15778.9
-17.5°	1732.1	2440.7	3478.0	4872.4	6448.4	8043.6	9569.0	10958.4	12278.5	13423.9	14385.7
-20°	1491.8	1997.7	2816.8	3979.2	5342.4	6798.3	8250.3	9530.6	10694.2	11776.6	12697.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627307 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1302.1	1706.5	2280.1	3059.5	4251.6	5529.5	6815.4	8017.4	9074.1	10028.7	10845.6
-25°	1127.8	1408.9	1839.2	2441.0	3206.5	4272.7	5369.3	6459.0	7449.7	8306.9	9061.5
-27.5°	992.7	1205.5	1483.7	1892.4	2458.4	3081.1	3997.2	4880.2	5801.3	6620.2	7303.1
-30°	877.1	1025.6	1237.4	1490.7	1853.8	2298.9	2821.7	3472.2	4184.0	4844.9	5496.2
-32.5°	797.3	894.9	1033.5	1218.2	1412.9	1715.3	2011.9	2435.4	2827.6	3297.8	3805.3
-35°	725.6	801.5	886.4	1006.0	1137.7	1304.3	1491.3	1735.1	1944.3	2241.0	2524.5
-37.5°	669.9	724.2	788.7	856.3	949.4	1038.3	1158.1	1284.4	1398.9	1574.8	1722.8
-40°	627.1	662.3	708.7	757.2	816.9	870.3	942.8	1007.4	1079.7	1171.1	1246.7
-42.5°	591.5	619.1	645.3	681.5	719.3	758.2	800.2	836.0	883.1	931.1	969.8
-45°	561.4	583.6	605.0	627.6	646.5	675.0	701.4	724.2	754.3	781.6	803.4
-47.5°	536.0	553.2	572.0	589.8	603.5	618.6	632.6	646.9	665.7	681.6	693.3
-50°	511.7	526.7	542.2	556.6	568.2	578.4	586.9	596.5	606.6	615.0	620.3
-52.5°	488.6	502.9	515.3	526.0	537.0	545.9	552.9	559.7	565.6	570.4	572.4
-55°	467.3	480.0	492.8	502.1	510.3	517.8	524.2	529.2	533.4	536.6	537.4
-57.5°	443.6	455.9	467.3	475.9	484.3	492.4	498.2	502.0	505.1	507.5	508.4
-60°	415.2	429.0	437.9	445.1	453.1	461.8	466.7	470.8	474.4	477.5	480.2
-62.5°	380.6	392.2	400.6	407.7	414.2	419.7	426.4	431.9	436.1	440.0	444.3
-65°	340.5	352.0	359.6	365.6	370.1	375.1	383.2	389.7	394.6	398.5	402.1
-67.5°	300.0	310.9	318.5	324.7	329.5	334.6	341.9	348.4	354.2	358.2	360.7
-70°	258.6	269.1	277.4	284.2	289.5	294.6	300.4	305.9	311.0	313.9	315.0
-72.5°	217.2	226.2	234.2	241.5	247.7	252.8	257.3	261.2	264.5	266.6	267.8
-75°	177.6	184.9	191.7	198.0	203.9	208.9	213.1	216.7	219.6	221.1	221.8
-77.5°	140.0	145.5	150.3	154.9	159.3	163.6	167.6	171.1	174.1	174.9	174.7
-80°	104.5	108.2	111.4	114.3	116.9	119.9	122.6	125.1	127.2	128.4	129.1
-82.5°	71.0	73.2	75.2	76.9	78.5	80.7	82.8	84.5	86.0	87.1	88.0
-85°	40.3	41.3	42.0	42.7	43.2	45.1	47.0	48.7	50.4	50.3	50.1
-87.5°	15.2	15.0	14.8	14.4	14.1	15.0	16.0	17.0	18.0	17.4	16.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627307 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.1	15.4	15.5	15.5	15.5	15.4	16.1	16.8	17.4	18.0	17.0
85°	49.8	49.3	48.0	46.5	48.0	49.3	49.8	50.1	50.3	50.4	48.7
82.5°	88.8	89.3	88.1	86.7	88.1	89.3	88.8	88.0	87.1	86.0	84.5
80°	129.5	129.5	128.4	127.0	128.4	129.5	129.5	129.1	128.4	127.2	125.1
77.5°	174.0	172.8	173.3	173.5	173.3	172.8	174.0	174.7	174.9	174.1	171.1
75°	222.2	222.0	221.2	219.9	221.2	222.0	222.2	221.8	221.1	219.6	216.7
72.5°	268.4	268.4	267.7	266.4	267.7	268.4	268.4	267.8	266.6	264.5	261.2
70°	315.3	314.7	315.5	315.9	315.5	314.7	315.3	315.0	313.9	311.0	305.9
67.5°	362.6	363.8	363.6	362.4	363.6	363.8	362.6	360.7	358.2	354.2	348.4
65°	404.9	407.0	408.3	408.8	408.3	407.0	404.9	402.1	398.5	394.6	389.7
62.5°	447.8	450.2	450.4	449.1	450.4	450.2	447.8	444.3	440.0	436.1	431.9
60°	481.7	482.1	481.5	480.1	481.5	482.1	481.7	480.2	477.5	474.4	470.8
57.5°	508.4	507.5	506.4	504.9	506.4	507.5	508.4	508.4	507.5	505.1	502.0
55°	536.9	535.4	534.2	532.7	534.2	535.4	536.9	537.4	536.6	533.4	529.2
52.5°	572.9	572.1	571.2	569.9	571.2	572.1	572.9	572.4	570.4	565.6	559.7
50°	622.9	623.7	623.7	622.6	623.7	623.7	622.9	620.3	615.0	606.6	596.5
47.5°	700.7	704.8	707.6	709.3	707.6	704.8	700.7	693.3	681.6	665.7	646.9
45°	817.3	825.5	831.4	836.3	831.4	825.5	817.3	803.4	781.6	754.3	724.2
42.5°	997.1	1015.6	1024.3	1022.1	1024.3	1015.6	997.1	969.8	931.1	883.1	836.0
40°	1297.0	1326.9	1343.4	1356.6	1343.4	1326.9	1297.0	1246.7	1171.1	1079.7	1007.4
37.5°	1823.8	1881.8	1912.3	1938.9	1912.3	1881.8	1823.8	1722.8	1574.8	1398.9	1284.4
35°	2736.4	2866.8	2936.7	2961.0	2936.7	2866.8	2736.4	2524.5	2241.0	1944.3	1735.1
32.5°	4200.2	4441.0	4574.1	4677.0	4574.1	4441.0	4200.2	3805.3	3297.8	2827.6	2435.4
30°	6012.0	6329.0	6505.1	6591.1	6505.1	6329.0	6012.0	5496.2	4844.9	4184.0	3472.2
27.5°	7869.2	8229.7	8419.5	8409.3	8419.5	8229.7	7869.2	7303.1	6620.2	5801.3	4880.2
25°	9708.4	10125.9	10315.1	10484.5	10315.1	10125.9	9708.4	9061.5	8306.9	7449.7	6459.0
22.5°	11568.6	12056.9	12323.3	12448.2	12323.3	12056.9	11568.6	10845.6	10028.7	9074.1	8017.4
20°	13406.7	13950.2	14233.0	14356.1	14233.0	13950.2	13406.7	12697.2	11776.6	10694.2	9530.6
17.5°	15036.8	15567.4	15837.0	15951.3	15837.0	15567.4	15036.8	14385.7	13423.9	12278.5	10958.4
15°	16338.5	16729.9	16959.1	17019.8	16959.1	16729.9	16338.5	15778.9	14874.6	13699.5	12327.0
12.5°	17238.3	17389.9	17500.2	17534.0	17500.2	17389.9	17238.3	16771.5	16067.6	14905.4	13508.7
10°	17698.3	17629.9	17601.6	17605.2	17601.6	17629.9	17698.3	17357.0	16757.0	15832.5	14535.8
7.5°	17666.7	17565.4	17362.0	17329.6	17362.0	17565.4	17666.7	17587.0	17169.3	16397.2	15201.5
5°	17412.8	17228.5	16890.8	16793.7	16890.8	17228.5	17412.8	17444.2	17234.5	16660.9	15627.5
2.5°	17117.0	16784.5	16473.6	16273.4	16473.6	16784.5	17117.0	17255.3	17219.2	16839.0	15962.2
0°	17029.1	16645.1	16242.4	16112.3	16242.4	16645.1	17029.1	17211.9	17218.1	16905.2	16099.9
-2.5°	17117.0	16784.5	16473.6	16273.4	16473.6	16784.5	17117.0	17255.3	17219.2	16839.0	15962.2
-5°	17412.8	17228.5	16890.8	16793.7	16890.8	17228.5	17412.8	17444.2	17234.5	16660.9	15627.5
-7.5°	17666.7	17565.4	17362.0	17329.6	17362.0	17565.4	17666.7	17587.0	17169.3	16397.2	15201.5
-10°	17698.3	17629.9	17601.6	17605.2	17601.6	17629.9	17698.3	17357.0	16757.0	15832.5	14535.8
-12.5°	17238.3	17389.9	17500.2	17534.0	17500.2	17389.9	17238.3	16771.5	16067.6	14905.4	13508.7
-15°	16338.5	16729.9	16959.1	17019.8	16959.1	16729.9	16338.5	15778.9	14874.6	13699.5	12327.0
-17.5°	15036.8	15567.4	15837.0	15951.3	15837.0	15567.4	15036.8	14385.7	13423.9	12278.5	10958.4
-20°	13406.7	13950.2	14233.0	14356.1	14233.0	13950.2	13406.7	12697.2	11776.6	10694.2	9530.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627307 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11568.6	12056.9	12323.3	12448.2	12323.3	12056.9	11568.6	10845.6	10028.7	9074.1	8017.4
-25°	9708.4	10125.9	10315.1	10484.5	10315.1	10125.9	9708.4	9061.5	8306.9	7449.7	6459.0
-27.5°	7869.2	8229.7	8419.5	8409.3	8419.5	8229.7	7869.2	7303.1	6620.2	5801.3	4880.2
-30°	6012.0	6329.0	6505.1	6591.1	6505.1	6329.0	6012.0	5496.2	4844.9	4184.0	3472.2
-32.5°	4200.2	4441.0	4574.1	4677.0	4574.1	4441.0	4200.2	3805.3	3297.8	2827.6	2435.4
-35°	2736.4	2866.8	2936.7	2961.0	2936.7	2866.8	2736.4	2524.5	2241.0	1944.3	1735.1
-37.5°	1823.8	1881.8	1912.3	1938.9	1912.3	1881.8	1823.8	1722.8	1574.8	1398.9	1284.4
-40°	1297.0	1326.9	1343.4	1356.6	1343.4	1326.9	1297.0	1246.7	1171.1	1079.7	1007.4
-42.5°	997.1	1015.6	1024.3	1022.1	1024.3	1015.6	997.1	969.8	931.1	883.1	836.0
-45°	817.3	825.5	831.4	836.3	831.4	825.5	817.3	803.4	781.6	754.3	724.2
-47.5°	700.7	704.8	707.6	709.3	707.6	704.8	700.7	693.3	681.6	665.7	646.9
-50°	622.9	623.7	623.7	622.6	623.7	623.7	622.9	620.3	615.0	606.6	596.5
-52.5°	572.9	572.1	571.2	569.9	571.2	572.1	572.9	572.4	570.4	565.6	559.7
-55°	536.9	535.4	534.2	532.7	534.2	535.4	536.9	537.4	536.6	533.4	529.2
-57.5°	508.4	507.5	506.4	504.9	506.4	507.5	508.4	508.4	507.5	505.1	502.0
-60°	481.7	482.1	481.5	480.1	481.5	482.1	481.7	480.2	477.5	474.4	470.8
-62.5°	447.8	450.2	450.4	449.1	450.4	450.2	447.8	444.3	440.0	436.1	431.9
-65°	404.9	407.0	408.3	408.8	408.3	407.0	404.9	402.1	398.5	394.6	389.7
-67.5°	362.6	363.8	363.6	362.4	363.6	363.8	362.6	360.7	358.2	354.2	348.4
-70°	315.3	314.7	315.5	315.9	315.5	314.7	315.3	315.0	313.9	311.0	305.9
-72.5°	268.4	268.4	267.7	266.4	267.7	268.4	268.4	267.8	266.6	264.5	261.2
-75°	222.2	222.0	221.2	219.9	221.2	222.0	222.2	221.8	221.1	219.6	216.7
-77.5°	174.0	172.8	173.3	173.5	173.3	172.8	174.0	174.7	174.9	174.1	171.1
-80°	129.5	129.5	128.4	127.0	128.4	129.5	129.5	129.1	128.4	127.2	125.1
-82.5°	88.8	89.3	88.1	86.7	88.1	89.3	88.8	88.0	87.1	86.0	84.5
-85°	49.8	49.3	48.0	46.5	48.0	49.3	49.8	50.1	50.3	50.4	48.7
-87.5°	16.1	15.4	15.5	15.5	15.5	15.4	16.1	16.8	17.4	18.0	17.0
-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: P627307 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.0	15.0	14.1	14.4	14.8	15.0	15.2	14.8	14.2	13.7	13.2
85°	47.0	45.1	43.2	42.7	42.0	41.3	40.3	38.6	36.7	34.8	32.7
82.5°	82.8	80.7	78.5	76.9	75.2	73.2	71.0	67.6	64.1	60.6	57.1
80°	122.6	119.9	116.9	114.3	111.4	108.2	104.5	99.3	93.7	88.3	83.2
77.5°	167.6	163.6	159.3	154.9	150.3	145.5	140.0	133.4	126.6	119.6	112.4
75°	213.1	208.9	203.9	198.0	191.7	184.9	177.6	169.5	161.1	152.2	143.3
72.5°	257.3	252.8	247.7	241.5	234.2	226.2	217.2	207.3	197.0	186.1	175.5
70°	300.4	294.6	289.5	284.2	277.4	269.1	258.6	246.7	234.2	221.6	209.3
67.5°	341.9	334.6	329.5	324.7	318.5	310.9	300.0	287.2	273.2	258.5	244.0
65°	383.2	375.1	370.1	365.6	359.6	352.0	340.5	327.5	312.8	296.4	279.5
62.5°	426.4	419.7	414.2	407.7	400.6	392.2	380.6	367.0	352.0	334.9	315.3
60°	466.7	461.8	453.1	445.1	437.9	429.0	415.2	402.2	390.1	370.3	349.2
57.5°	498.2	492.4	484.3	475.9	467.3	455.9	443.6	431.2	417.1	400.5	380.9
55°	524.2	517.8	510.3	502.1	492.8	480.0	467.3	454.1	440.5	426.6	407.5
52.5°	552.9	545.9	537.0	526.0	515.3	502.9	488.6	474.5	461.8	447.7	431.9
50°	586.9	578.4	568.2	556.6	542.2	526.7	511.7	495.3	482.0	468.2	452.2
47.5°	632.6	618.6	603.5	589.8	572.0	553.2	536.0	519.2	503.4	488.5	472.2
45°	701.4	675.0	646.5	627.6	605.0	583.6	561.4	542.5	524.4	507.7	492.3
42.5°	800.2	758.2	719.3	681.5	645.3	619.1	591.5	567.9	546.1	526.2	508.2
40°	942.8	870.3	816.9	757.2	708.7	662.3	627.1	595.0	569.7	546.1	524.3
37.5°	1158.1	1038.3	949.4	856.3	788.7	724.2	669.9	628.1	593.8	566.4	541.0
35°	1491.3	1304.3	1137.7	1006.0	886.4	801.5	725.6	667.0	623.0	587.3	557.6
32.5°	2011.9	1715.3	1412.9	1218.2	1033.5	894.9	797.3	716.7	654.4	611.8	576.2
30°	2821.7	2298.9	1853.8	1490.7	1237.4	1025.6	877.1	778.5	698.9	636.6	595.0
27.5°	3997.2	3081.1	2458.4	1892.4	1483.7	1205.5	992.7	844.7	745.7	671.4	616.5
25°	5369.3	4272.7	3206.5	2441.0	1839.2	1408.9	1127.8	937.4	803.6	707.7	635.5
22.5°	6815.4	5529.5	4251.6	3059.5	2280.1	1706.5	1302.1	1030.8	858.3	746.3	663.1
20°	8250.3	6798.3	5342.4	3979.2	2816.8	1997.7	1491.8	1154.8	934.6	789.6	689.3
17.5°	9569.0	8043.6	6448.4	4872.4	3478.0	2440.7	1732.1	1280.2	1001.2	828.1	711.9
15°	10817.8	9207.4	7524.7	5820.0	4184.6	2830.8	1936.9	1389.5	1070.4	872.8	741.5
12.5°	11948.8	10252.5	8481.9	6634.6	4812.0	3268.0	2210.1	1550.5	1155.5	919.1	769.5
10°	12936.0	11124.8	9238.4	7319.1	5418.3	3720.6	2468.4	1687.8	1229.2	957.6	792.3
7.5°	13645.0	11811.6	9839.3	7872.4	5911.6	4109.6	2688.0	1796.5	1287.0	987.0	809.9
5°	14166.3	12347.2	10340.3	8321.9	6277.7	4400.5	2851.9	1873.0	1328.4	1007.4	822.1
2.5°	14523.9	12686.2	10675.6	8616.9	6490.2	4571.3	2956.4	1914.1	1348.0	1023.4	828.9
0°	14625.6	12782.7	10760.1	8771.6	6523.0	4593.3	2998.2	1920.3	1347.3	1031.4	830.1
-2.5°	14523.9	12686.2	10675.6	8616.9	6490.2	4571.3	2956.4	1914.1	1348.0	1023.4	828.9
-5°	14166.3	12347.2	10340.3	8321.9	6277.7	4400.5	2851.9	1873.0	1328.4	1007.4	822.1
-7.5°	13645.0	11811.6	9839.3	7872.4	5911.6	4109.6	2688.0	1796.5	1287.0	987.0	809.9
-10°	12936.0	11124.8	9238.4	7319.1	5418.3	3720.6	2468.4	1687.8	1229.2	957.6	792.3
-12.5°	11948.8	10252.5	8481.9	6634.6	4812.0	3268.0	2210.1	1550.5	1155.5	919.1	769.5
-15°	10817.8	9207.4	7524.7	5820.0	4184.6	2830.8	1936.9	1389.5	1070.4	872.8	741.5
-17.5°	9569.0	8043.6	6448.4	4872.4	3478.0	2440.7	1732.1	1280.2	1001.2	828.1	711.9
-20°	8250.3	6798.3	5342.4	3979.2	2816.8	1997.7	1491.8	1154.8	934.6	789.6	689.3



REPORT NUMBER: P627307 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6815.4	5529.5	4251.6	3059.5	2280.1	1706.5	1302.1	1030.8	858.3	746.3	663.1
-25°	5369.3	4272.7	3206.5	2441.0	1839.2	1408.9	1127.8	937.4	803.6	707.7	635.5
-27.5°	3997.2	3081.1	2458.4	1892.4	1483.7	1205.5	992.7	844.7	745.7	671.4	616.5
-30°	2821.7	2298.9	1853.8	1490.7	1237.4	1025.6	877.1	778.5	698.9	636.6	595.0
-32.5°	2011.9	1715.3	1412.9	1218.2	1033.5	894.9	797.3	716.7	654.4	611.8	576.2
-35°	1491.3	1304.3	1137.7	1006.0	886.4	801.5	725.6	667.0	623.0	587.3	557.6
-37.5°	1158.1	1038.3	949.4	856.3	788.7	724.2	669.9	628.1	593.8	566.4	541.0
-40°	942.8	870.3	816.9	757.2	708.7	662.3	627.1	595.0	569.7	546.1	524.3
-42.5°	800.2	758.2	719.3	681.5	645.3	619.1	591.5	567.9	546.1	526.2	508.2
-45°	701.4	675.0	646.5	627.6	605.0	583.6	561.4	542.5	524.4	507.7	492.3
-47.5°	632.6	618.6	603.5	589.8	572.0	553.2	536.0	519.2	503.4	488.5	472.2
-50°	586.9	578.4	568.2	556.6	542.2	526.7	511.7	495.3	482.0	468.2	452.2
-52.5°	552.9	545.9	537.0	526.0	515.3	502.9	488.6	474.5	461.8	447.7	431.9
-55°	524.2	517.8	510.3	502.1	492.8	480.0	467.3	454.1	440.5	426.6	407.5
-57.5°	498.2	492.4	484.3	475.9	467.3	455.9	443.6	431.2	417.1	400.5	380.9
-60°	466.7	461.8	453.1	445.1	437.9	429.0	415.2	402.2	390.1	370.3	349.2
-62.5°	426.4	419.7	414.2	407.7	400.6	392.2	380.6	367.0	352.0	334.9	315.3
-65°	383.2	375.1	370.1	365.6	359.6	352.0	340.5	327.5	312.8	296.4	279.5
-67.5°	341.9	334.6	329.5	324.7	318.5	310.9	300.0	287.2	273.2	258.5	244.0
-70°	300.4	294.6	289.5	284.2	277.4	269.1	258.6	246.7	234.2	221.6	209.3
-72.5°	257.3	252.8	247.7	241.5	234.2	226.2	217.2	207.3	197.0	186.1	175.5
-75°	213.1	208.9	203.9	198.0	191.7	184.9	177.6	169.5	161.1	152.2	143.3
-77.5°	167.6	163.6	159.3	154.9	150.3	145.5	140.0	133.4	126.6	119.6	112.4
-80°	122.6	119.9	116.9	114.3	111.4	108.2	104.5	99.3	93.7	88.3	83.2
-82.5°	82.8	80.7	78.5	76.9	75.2	73.2	71.0	67.6	64.1	60.6	57.1
-85°	47.0	45.1	43.2	42.7	42.0	41.3	40.3	38.6	36.7	34.8	32.7
-87.5°	16.0	15.0	14.1	14.4	14.8	15.0	15.2	14.8	14.2	13.7	13.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P627307 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	12.6	12.0	11.3	10.7	10.0	9.3	8.6	7.9	6.8	5.8	4.9
85°	30.5	28.3	26.0	23.6	21.1	18.6	17.2	15.7	13.6	11.6	9.8
82.5°	53.6	50.1	46.7	43.0	38.8	34.7	30.7	26.8	22.4	17.8	14.6
80°	78.5	73.6	68.6	63.2	57.2	50.8	45.2	39.8	34.4	28.8	22.8
77.5°	105.6	98.4	91.0	84.3	77.3	69.8	61.9	53.6	46.4	39.7	32.6
75°	134.5	125.8	117.0	107.8	98.4	88.8	79.7	70.2	60.6	50.9	42.4
72.5°	165.2	154.4	143.4	132.0	121.0	109.7	98.2	86.6	75.5	64.1	52.6
70°	196.7	183.6	170.6	157.8	144.4	130.5	117.3	103.7	90.2	77.2	64.1
67.5°	228.9	214.1	198.9	183.8	168.9	153.2	136.7	120.8	105.3	90.1	75.5
65°	262.7	245.3	227.4	210.2	193.2	176.0	158.0	138.2	120.2	103.2	86.6
62.5°	296.0	277.0	256.9	236.5	217.0	198.0	178.8	156.8	135.1	115.9	97.6
60°	328.2	306.9	285.3	262.8	240.6	219.4	198.0	175.0	151.3	128.4	108.3
57.5°	357.8	335.4	311.3	287.6	263.7	240.2	216.6	192.1	167.0	141.8	118.8
55°	385.6	361.2	336.0	310.3	285.4	260.3	234.7	208.6	182.2	155.2	129.0
52.5°	411.6	386.2	359.4	332.1	305.1	279.3	252.3	224.6	196.5	168.2	140.2
50°	434.4	410.4	382.2	353.4	324.1	296.8	269.3	240.1	210.5	180.6	151.2
47.5°	453.6	431.5	404.2	373.9	343.1	313.9	285.3	255.0	223.9	192.5	161.7
45°	472.3	451.0	424.6	393.7	361.9	331.0	300.6	269.4	236.8	204.0	171.7
42.5°	489.8	468.6	443.9	412.6	379.8	347.5	315.5	283.0	249.2	215.0	181.2
40°	504.8	484.0	462.1	430.9	396.7	363.0	329.7	296.0	261.0	225.4	190.3
37.5°	519.3	498.1	475.5	448.1	412.6	377.6	343.0	308.6	272.5	235.5	198.8
35°	533.4	511.4	487.5	461.4	427.4	391.2	355.5	320.3	283.1	245.1	206.7
32.5°	545.9	523.4	498.6	472.3	441.0	403.7	367.0	330.6	293.0	254.3	214.1
30°	560.9	533.4	508.5	482.9	452.6	415.2	377.6	340.2	302.1	262.9	221.1
27.5°	575.3	543.1	517.4	491.7	461.7	425.7	387.5	349.1	310.5	270.7	228.0
25°	589.1	554.1	525.7	499.1	470.5	435.6	396.6	357.3	317.9	277.5	234.3
22.5°	605.1	564.3	533.4	505.5	478.9	444.6	404.7	364.6	324.4	283.6	240.1
20°	619.3	572.6	540.5	511.6	485.1	451.4	412.1	371.2	330.3	289.0	245.4
17.5°	633.1	582.1	547.5	517.4	489.8	457.4	418.5	377.0	335.4	293.7	250.0
15°	652.4	593.0	553.5	522.3	493.8	462.5	423.9	381.9	339.8	297.6	254.2
12.5°	668.8	602.1	558.5	526.4	497.1	466.7	428.5	386.0	343.4	301.2	257.9
10°	682.2	609.3	562.4	529.5	499.5	470.0	432.1	389.5	346.8	304.2	261.0
7.5°	692.4	614.7	565.2	531.7	501.3	472.4	435.4	392.5	349.6	306.6	263.3
5°	699.3	618.3	567.6	533.0	502.2	473.9	437.8	394.7	351.5	308.3	265.0
2.5°	702.8	619.9	569.3	533.3	502.4	474.4	439.3	396.1	352.7	309.4	266.1
0°	703.1	619.5	569.9	532.7	501.8	473.9	439.8	396.5	353.1	309.7	266.4
-2.5°	702.8	619.9	569.3	533.3	502.4	474.4	439.3	396.1	352.7	309.4	266.1
-5°	699.3	618.3	567.6	533.0	502.2	473.9	437.8	394.7	351.5	308.3	265.0
-7.5°	692.4	614.7	565.2	531.7	501.3	472.4	435.4	392.5	349.6	306.6	263.3
-10°	682.2	609.3	562.4	529.5	499.5	470.0	432.1	389.5	346.8	304.2	261.0
-12.5°	668.8	602.1	558.5	526.4	497.1	466.7	428.5	386.0	343.4	301.2	257.9
-15°	652.4	593.0	553.5	522.3	493.8	462.5	423.9	381.9	339.8	297.6	254.2
-17.5°	633.1	582.1	547.5	517.4	489.8	457.4	418.5	377.0	335.4	293.7	250.0
-20°	619.3	572.6	540.5	511.6	485.1	451.4	412.1	371.2	330.3	289.0	245.4

Classified

Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P627307 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	605.1	564.3	533.4	505.5	478.9	444.6	404.7	364.6	324.4	283.6	240.1
-25°	589.1	554.1	525.7	499.1	470.5	435.6	396.6	357.3	317.9	277.5	234.3
-27.5°	575.3	543.1	517.4	491.7	461.7	425.7	387.5	349.1	310.5	270.7	228.0
-30°	560.9	533.4	508.5	482.9	452.6	415.2	377.6	340.2	302.1	262.9	221.1
-32.5°	545.9	523.4	498.6	472.3	441.0	403.7	367.0	330.6	293.0	254.3	214.1
-35°	533.4	511.4	487.5	461.4	427.4	391.2	355.5	320.3	283.1	245.1	206.7
-37.5°	519.3	498.1	475.5	448.1	412.6	377.6	343.0	308.6	272.5	235.5	198.8
-40°	504.8	484.0	462.1	430.9	396.7	363.0	329.7	296.0	261.0	225.4	190.3
-42.5°	489.8	468.6	443.9	412.6	379.8	347.5	315.5	283.0	249.2	215.0	181.2
-45°	472.3	451.0	424.6	393.7	361.9	331.0	300.6	269.4	236.8	204.0	171.7
-47.5°	453.6	431.5	404.2	373.9	343.1	313.9	285.3	255.0	223.9	192.5	161.7
-50°	434.4	410.4	382.2	353.4	324.1	296.8	269.3	240.1	210.5	180.6	151.2
-52.5°	411.6	386.2	359.4	332.1	305.1	279.3	252.3	224.6	196.5	168.2	140.2
-55°	385.6	361.2	336.0	310.3	285.4	260.3	234.7	208.6	182.2	155.2	129.0
-57.5°	357.8	335.4	311.3	287.6	263.7	240.2	216.6	192.1	167.0	141.8	118.8
-60°	328.2	306.9	285.3	262.8	240.6	219.4	198.0	175.0	151.3	128.4	108.3
-62.5°	296.0	277.0	256.9	236.5	217.0	198.0	178.8	156.8	135.1	115.9	97.6
-65°	262.7	245.3	227.4	210.2	193.2	176.0	158.0	138.2	120.2	103.2	86.6
-67.5°	228.9	214.1	198.9	183.8	168.9	153.2	136.7	120.8	105.3	90.1	75.5
-70°	196.7	183.6	170.6	157.8	144.4	130.5	117.3	103.7	90.2	77.2	64.1
-72.5°	165.2	154.4	143.4	132.0	121.0	109.7	98.2	86.6	75.5	64.1	52.6
-75°	134.5	125.8	117.0	107.8	98.4	88.8	79.7	70.2	60.6	50.9	42.4
-77.5°	105.6	98.4	91.0	84.3	77.3	69.8	61.9	53.6	46.4	39.7	32.6
-80°	78.5	73.6	68.6	63.2	57.2	50.8	45.2	39.8	34.4	28.8	22.8
-82.5°	53.6	50.1	46.7	43.0	38.8	34.7	30.7	26.8	22.4	17.8	14.6
-85°	30.5	28.3	26.0	23.6	21.1	18.6	17.2	15.7	13.6	11.6	9.8
-87.5°	12.6	12.0	11.3	10.7	10.0	9.3	8.6	7.9	6.8	5.8	4.9
-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: P627307 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4B-722-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.0	3.4	2.7	2.0	1.4	0.7	0.0
85°	8.0	6.7	5.4	4.0	2.7	1.4	0.0
82.5°	12.0	10.0	8.1	6.1	4.0	2.0	0.0
80°	16.5	13.4	10.7	8.1	5.4	2.7	0.0
77.5°	25.2	18.0	13.4	10.0	6.7	3.4	0.0
75°	33.8	25.2	16.5	12.0	8.0	4.0	0.0
72.5°	42.3	32.3	22.2	13.9	9.3	4.7	0.0
70°	50.9	39.3	27.8	16.3	10.6	5.3	0.0
67.5°	60.5	46.2	33.4	20.5	11.9	5.9	0.0
65°	70.0	53.5	38.8	24.5	13.1	6.5	0.0
62.5°	79.2	61.1	44.1	28.5	14.3	7.2	0.0
60°	88.2	68.5	49.3	32.4	15.5	7.7	0.0
57.5°	97.2	75.7	55.0	36.3	18.0	8.3	0.0
55°	106.0	82.6	60.5	40.0	20.4	8.9	0.0
52.5°	114.7	89.4	65.8	43.6	22.7	9.4	0.0
50°	123.1	96.5	71.0	47.0	25.0	10.0	0.0
47.5°	131.4	103.3	75.9	50.5	27.2	10.5	0.0
45°	139.9	109.9	80.6	54.0	29.2	11.0	0.0
42.5°	148.1	116.3	85.1	57.4	31.2	11.4	0.0
40°	155.8	122.4	89.6	60.5	33.0	11.9	0.0
37.5°	163.1	128.2	94.3	63.3	34.8	12.3	0.0
35°	170.0	133.8	98.6	66.1	36.4	12.7	0.0
32.5°	176.4	139.2	102.8	68.6	37.9	13.1	0.0
30°	182.3	144.2	106.7	71.0	39.3	13.4	0.0
27.5°	187.7	148.8	110.1	73.1	40.6	13.7	0.0
25°	192.6	152.9	113.2	75.1	41.7	14.0	0.0
22.5°	197.0	156.7	116.1	76.9	42.8	14.3	0.0
20°	200.9	159.8	118.6	78.5	43.7	14.6	0.0
17.5°	204.4	162.6	120.8	79.8	44.5	14.8	0.0
15°	207.6	164.9	122.6	81.0	45.1	15.0	0.0
12.5°	210.4	166.9	124.2	82.0	45.7	15.1	0.0
10°	212.6	168.4	125.4	82.7	46.1	15.3	0.0
7.5°	214.4	169.5	126.3	83.3	46.4	15.4	0.0
5°	215.7	170.2	126.9	83.6	46.5	15.4	0.0
2.5°	216.5	170.5	127.1	83.7	46.6	15.5	0.0
0°	216.8	170.4	127.0	83.6	46.5	15.5	0.0
-2.5°	216.5	170.5	127.1	83.7	46.6	15.5	0.0
-5°	215.7	170.2	126.9	83.6	46.5	15.4	0.0
-7.5°	214.4	169.5	126.3	83.3	46.4	15.4	0.0
-10°	212.6	168.4	125.4	82.7	46.1	15.3	0.0
-12.5°	210.4	166.9	124.2	82.0	45.7	15.1	0.0
-15°	207.6	164.9	122.6	81.0	45.1	15.0	0.0
-17.5°	204.4	162.6	120.8	79.8	44.5	14.8	0.0
-20°	200.9	159.8	118.6	78.5	43.7	14.6	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	197.0	156.7	116.1	76.9	42.8	14.3	0.0
-25°	192.6	152.9	113.2	75.1	41.7	14.0	0.0
-27.5°	187.7	148.8	110.1	73.1	40.6	13.7	0.0
-30°	182.3	144.2	106.7	71.0	39.3	13.4	0.0
-32.5°	176.4	139.2	102.8	68.6	37.9	13.1	0.0
-35°	170.0	133.8	98.6	66.1	36.4	12.7	0.0
-37.5°	163.1	128.2	94.3	63.3	34.8	12.3	0.0
-40°	155.8	122.4	89.6	60.5	33.0	11.9	0.0
-42.5°	148.1	116.3	85.1	57.4	31.2	11.4	0.0
-45°	139.9	109.9	80.6	54.0	29.2	11.0	0.0
-47.5°	131.4	103.3	75.9	50.5	27.2	10.5	0.0
-50°	123.1	96.5	71.0	47.0	25.0	10.0	0.0
-52.5°	114.7	89.4	65.8	43.6	22.7	9.4	0.0
-55°	106.0	82.6	60.5	40.0	20.4	8.9	0.0
-57.5°	97.2	75.7	55.0	36.3	18.0	8.3	0.0
-60°	88.2	68.5	49.3	32.4	15.5	7.7	0.0
-62.5°	79.2	61.1	44.1	28.5	14.3	7.2	0.0
-65°	70.0	53.5	38.8	24.5	13.1	6.5	0.0
-67.5°	60.5	46.2	33.4	20.5	11.9	5.9	0.0
-70°	50.9	39.3	27.8	16.3	10.6	5.3	0.0
-72.5°	42.3	32.3	22.2	13.9	9.3	4.7	0.0
-75°	33.8	25.2	16.5	12.0	8.0	4.0	0.0
-77.5°	25.2	18.0	13.4	10.0	6.7	3.4	0.0
-80°	16.5	13.4	10.7	8.1	5.4	2.7	0.0
-82.5°	12.0	10.0	8.1	6.1	4.0	2.0	0.0
-85°	8.0	6.7	5.4	4.0	2.7	1.4	0.0
-87.5°	4.0	3.4	2.7	2.0	1.4	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)