

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: P626591 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-722-U-VWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P626591 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA1B-722-U-VWR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N8  
Light Source: (16) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

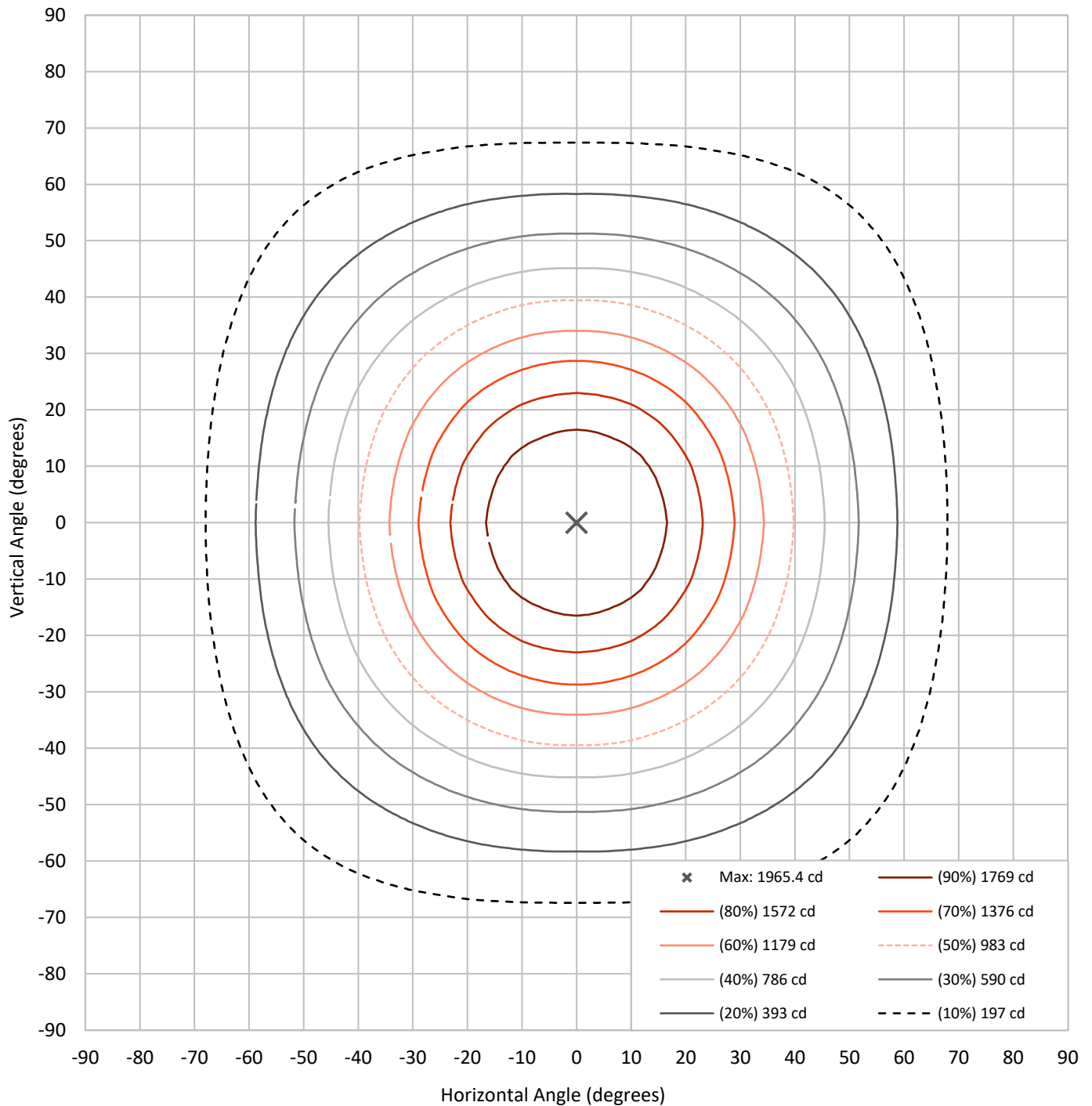
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	3552.3 lumens	Max Intensity:	1965.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	106.0 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	2083.5 lumens	Field Lumens:	3386.5 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	33.5		
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





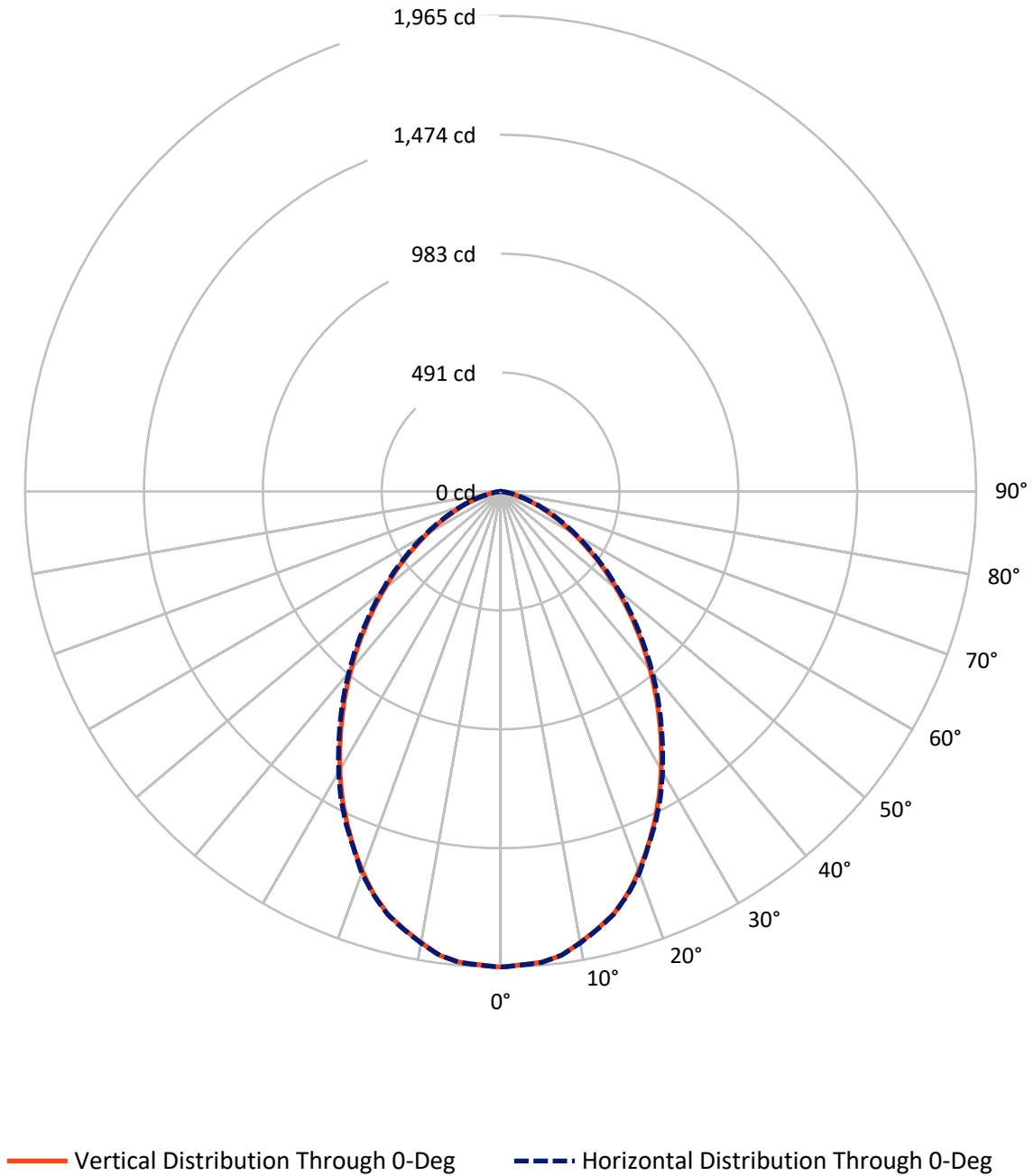
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### Lumen Table

90																			
80	0.1	1.5	4.0	6.7	6.3	6.7	4.0	1.5	0.1										
70																			
60	0.7	0.9	1.8	3.1	4.6	5.9	6.9	7.4	7.4	6.9	5.9	4.6	3.1	1.8	0.9	0.7			
50		1.4	3.0	5.3	8.1	11.0	13.3	14.6	14.6	13.3	11.0	8.1	5.3	3.0	1.4				
40	1.2	1.8	4.3	8.0	12.6	17.5	21.6	23.8	23.8	21.6	17.5	12.6	8.0	4.3	1.8	1.2			
30		2.3	5.7	11.0	17.7	24.8	30.9	34.3	34.3	30.9	24.8	17.7	11.0	5.7	2.3				
20	1.5	2.8	7.0	13.8	22.5	32.0	40.2	44.9	44.9	40.2	32.0	22.5	13.8	7.0	2.8	1.5			
10		3.1	8.1	15.9	26.3	37.8	47.9	53.7	53.7	47.9	37.8	26.3	15.9	8.1	3.1				
0	1.6	3.3	8.6	17.1	28.4	41.0	52.1	58.1	58.1	52.1	41.0	28.4	17.1	8.6	3.3	1.6			
-10		3.3	8.6	17.1	28.4	41.0	52.1	58.1	58.1	52.1	41.0	28.4	17.1	8.6	3.3				
-20	1.5	3.1	8.1	15.9	26.3	37.8	47.9	53.7	53.7	47.9	37.8	26.3	15.9	8.1	3.1	1.5			
-30		2.8	7.0	13.8	22.5	32.0	40.2	44.9	44.9	40.2	32.0	22.5	13.8	7.0	2.8				
-40	1.2	2.3	5.7	11.0	17.7	24.8	30.9	34.3	34.3	30.9	24.8	17.7	11.0	5.7	2.3	1.2			
-50		1.8	4.3	8.0	12.6	17.5	21.6	23.8	23.8	21.6	17.5	12.6	8.0	4.3	1.8				
-60	0.7	1.4	3.0	5.3	8.1	11.0	13.3	14.6	14.6	13.3	11.0	8.1	5.3	3.0	1.4	0.7			
-70		0.9	1.8	3.1	4.6	5.9	6.9	7.4	7.4	6.9	5.9	4.6	3.1	1.8	0.9				
-80	0.1	1.5	4.0	6.7	6.3	6.7	4.0	1.5	0.1										
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

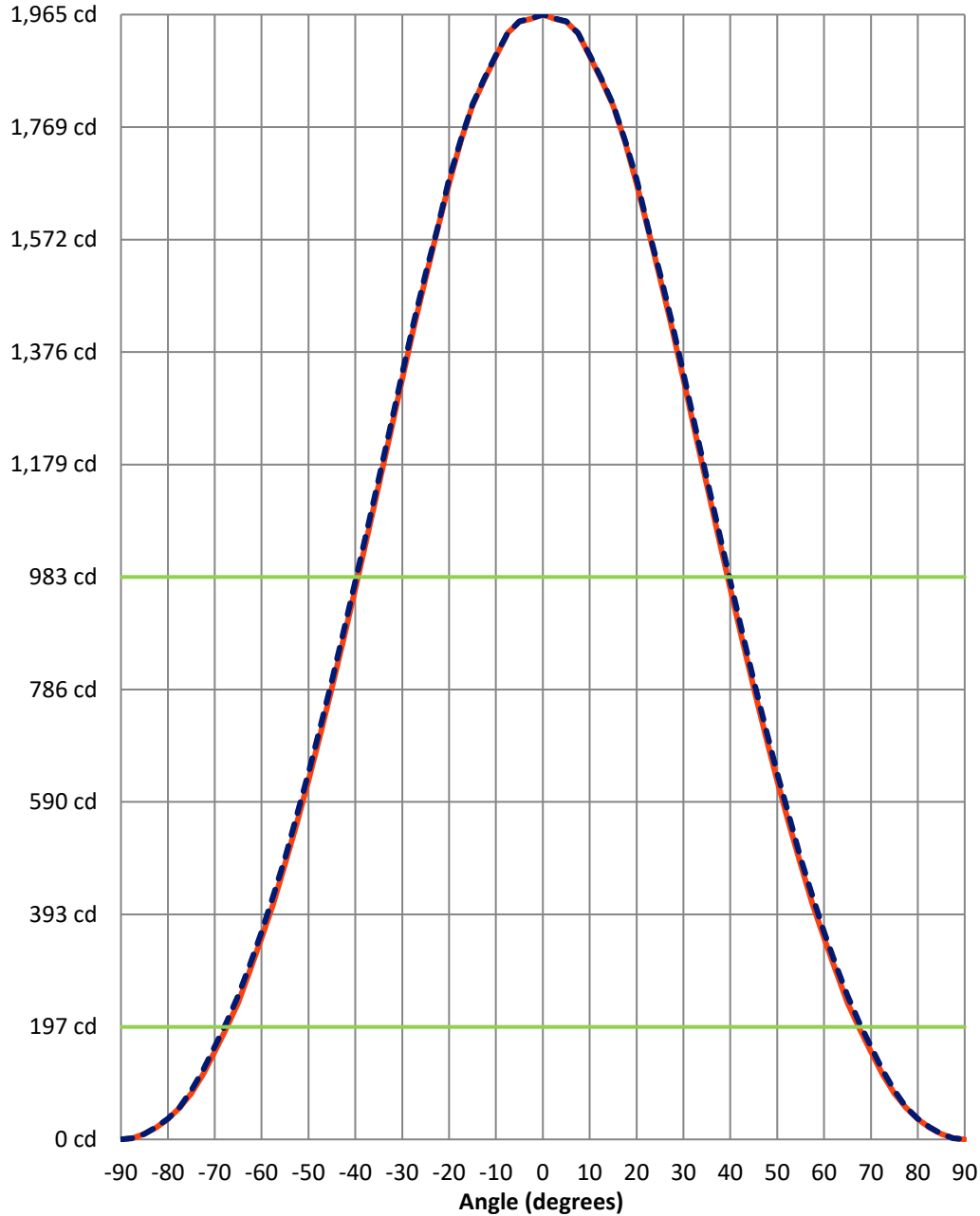
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 79.6°  
 V Angle: 78.9°  
 Lumens: 2083.5  
 Efficiency: 58.7%

**Field:**  
 H Angle: 135.9°  
 V Angle: 134.8°  
 Lumens: 3386.5  
 Efficiency: 95.3%

**Spill:**  
 Lumens: 165.8  
 Efficiency: 4.7%

— Vertical Distribution through 0-Deg  
 - - Horizontal Distribution through 0-Deg

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.2
85°	0.0	0.2	0.5	0.8	1.0	1.3	1.5	1.7	2.0	2.2	2.4
82.5°	0.0	0.3	0.8	1.1	1.5	1.9	2.2	2.6	3.3	5.2	7.0
80°	0.0	0.4	1.0	1.5	2.0	2.5	3.4	6.1	8.7	11.1	13.5
77.5°	0.0	0.5	1.2	1.9	2.5	3.9	7.5	10.8	14.0	17.1	20.8
75°	0.0	0.7	1.5	2.2	3.3	6.9	11.4	15.6	19.5	25.0	30.8
72.5°	0.0	0.8	1.7	2.6	5.2	9.7	15.3	20.7	26.9	33.5	40.5
70°	0.0	0.9	2.0	3.1	7.1	12.4	19.1	26.7	34.0	41.8	51.0
67.5°	0.0	1.0	2.2	4.3	9.0	15.0	23.7	32.6	41.0	50.9	61.4
65°	0.0	1.1	2.4	5.4	10.7	18.0	28.1	38.4	48.6	59.7	71.1
62.5°	0.0	1.2	2.6	6.5	12.4	21.2	32.2	44.4	55.9	68.1	79.8
60°	0.0	1.3	2.8	7.5	13.9	24.2	36.2	50.4	63.0	76.0	88.4
57.5°	0.0	1.3	3.4	8.5	16.0	27.0	40.3	56.0	69.9	83.7	96.6
55°	0.0	1.4	3.9	9.4	18.0	29.7	44.2	60.8	76.8	91.2	104.4
52.5°	0.0	1.5	4.5	10.2	19.8	32.2	47.8	65.8	83.5	98.1	112.0
50°	0.0	1.6	5.0	11.0	21.5	34.9	51.1	70.5	89.8	104.8	120.7
47.5°	0.0	1.7	5.5	11.8	23.1	37.3	54.2	75.0	95.6	111.2	129.3
45°	0.0	1.7	6.0	12.8	24.5	39.5	57.7	79.1	100.0	118.5	137.5
42.5°	0.0	1.8	6.4	13.7	25.7	41.4	60.9	82.8	104.3	125.5	147.1
40°	0.0	1.9	6.8	14.7	26.9	43.1	63.8	86.3	108.7	132.1	156.5
37.5°	0.0	1.9	7.2	15.6	28.1	44.6	66.4	89.7	113.7	138.3	165.3
35°	0.0	2.0	7.6	16.5	29.2	46.2	68.6	92.9	118.5	145.5	174.2
32.5°	0.0	2.0	7.9	17.3	30.1	47.9	70.7	95.8	123.3	152.3	183.6
30°	0.0	2.1	8.2	18.0	30.8	49.4	72.9	98.8	127.8	158.9	192.4
27.5°	0.0	2.1	8.5	18.7	31.8	50.5	74.9	102.2	132.5	165.2	200.5
25°	0.0	2.1	8.7	19.3	32.8	51.5	76.6	105.4	137.4	171.5	208.1
22.5°	0.0	2.2	9.0	19.9	33.7	52.4	78.1	108.4	141.9	177.5	216.1
20°	0.0	2.2	9.2	20.3	34.4	53.8	79.3	111.0	146.0	182.9	223.3
17.5°	0.0	2.2	9.3	20.7	35.0	54.8	80.8	113.3	149.6	187.6	229.7
15°	0.0	2.2	9.4	21.0	35.5	55.7	82.4	115.6	152.8	191.7	235.1
12.5°	0.0	2.2	9.5	21.3	35.9	56.3	83.7	117.6	155.6	195.1	239.7
10°	0.0	2.2	9.6	21.4	36.2	56.6	84.7	119.2	158.1	198.2	243.6
7.5°	0.0	2.2	9.7	21.5	36.4	56.8	85.4	120.4	160.0	200.8	246.9
5°	0.0	2.2	9.7	21.6	36.4	56.7	85.8	121.0	161.3	202.6	249.3
2.5°	0.0	2.2	9.6	21.5	36.3	56.5	85.8	121.1	162.0	203.7	250.7
0°	0.0	2.2	9.6	21.4	36.1	56.0	85.5	120.8	162.1	204.1	251.2
-2.5°	0.0	2.2	9.6	21.5	36.3	56.5	85.8	121.1	162.0	203.7	250.7
-5°	0.0	2.2	9.7	21.6	36.4	56.7	85.8	121.0	161.3	202.6	249.3
-7.5°	0.0	2.2	9.7	21.5	36.4	56.8	85.4	120.4	160.0	200.8	246.9
-10°	0.0	2.2	9.6	21.4	36.2	56.6	84.7	119.2	158.1	198.2	243.6
-12.5°	0.0	2.2	9.5	21.3	35.9	56.3	83.7	117.6	155.6	195.1	239.7
-15°	0.0	2.2	9.4	21.0	35.5	55.7	82.4	115.6	152.8	191.7	235.1
-17.5°	0.0	2.2	9.3	20.7	35.0	54.8	80.8	113.3	149.6	187.6	229.7
-20°	0.0	2.2	9.2	20.3	34.4	53.8	79.3	111.0	146.0	182.9	223.3

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Scaled Data Report



REPORT NUMBER: P626591 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.2	9.0	19.9	33.7	52.4	78.1	108.4	141.9	177.5	216.1
-25°	0.0	2.1	8.7	19.3	32.8	51.5	76.6	105.4	137.4	171.5	208.1
-27.5°	0.0	2.1	8.5	18.7	31.8	50.5	74.9	102.2	132.5	165.2	200.5
-30°	0.0	2.1	8.2	18.0	30.8	49.4	72.9	98.8	127.8	158.9	192.4
-32.5°	0.0	2.0	7.9	17.3	30.1	47.9	70.7	95.8	123.3	152.3	183.6
-35°	0.0	2.0	7.6	16.5	29.2	46.2	68.6	92.9	118.5	145.5	174.2
-37.5°	0.0	1.9	7.2	15.6	28.1	44.6	66.4	89.7	113.7	138.3	165.3
-40°	0.0	1.9	6.8	14.7	26.9	43.1	63.8	86.3	108.7	132.1	156.5
-42.5°	0.0	1.8	6.4	13.7	25.7	41.4	60.9	82.8	104.3	125.5	147.1
-45°	0.0	1.7	6.0	12.8	24.5	39.5	57.7	79.1	100.0	118.5	137.5
-47.5°	0.0	1.7	5.5	11.8	23.1	37.3	54.2	75.0	95.6	111.2	129.3
-50°	0.0	1.6	5.0	11.0	21.5	34.9	51.1	70.5	89.8	104.8	120.7
-52.5°	0.0	1.5	4.5	10.2	19.8	32.2	47.8	65.8	83.5	98.1	112.0
-55°	0.0	1.4	3.9	9.4	18.0	29.7	44.2	60.8	76.8	91.2	104.4
-57.5°	0.0	1.3	3.4	8.5	16.0	27.0	40.3	56.0	69.9	83.7	96.6
-60°	0.0	1.3	2.8	7.5	13.9	24.2	36.2	50.4	63.0	76.0	88.4
-62.5°	0.0	1.2	2.6	6.5	12.4	21.2	32.2	44.4	55.9	68.1	79.8
-65°	0.0	1.1	2.4	5.4	10.7	18.0	28.1	38.4	48.6	59.7	71.1
-67.5°	0.0	1.0	2.2	4.3	9.0	15.0	23.7	32.6	41.0	50.9	61.4
-70°	0.0	0.9	2.0	3.1	7.1	12.4	19.1	26.7	34.0	41.8	51.0
-72.5°	0.0	0.8	1.7	2.6	5.2	9.7	15.3	20.7	26.9	33.5	40.5
-75°	0.0	0.7	1.5	2.2	3.3	6.9	11.4	15.6	19.5	25.0	30.8
-77.5°	0.0	0.5	1.2	1.9	2.5	3.9	7.5	10.8	14.0	17.1	20.8
-80°	0.0	0.4	1.0	1.5	2.0	2.5	3.4	6.1	8.7	11.1	13.5
-82.5°	0.0	0.3	0.8	1.1	1.5	1.9	2.2	2.6	3.3	5.2	7.0
-85°	0.0	0.2	0.5	0.8	1.0	1.3	1.5	1.7	2.0	2.2	2.4
-87.5°	0.0	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1	1.2
-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°	1.4	1.6	1.9	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.3
85°	2.9	3.3	4.6	5.8	6.4	6.8	6.9	6.9	8.0	9.4	10.8
82.5°	8.9	10.8	12.6	14.2	14.7	14.7	14.5	14.6	17.2	20.3	23.4
80°	15.9	18.3	21.4	24.2	25.3	26.0	26.2	26.2	29.6	34.0	38.7
77.5°	25.3	29.2	32.7	35.6	37.2	38.6	39.7	40.6	44.9	50.5	56.1
75°	36.0	40.3	44.6	48.3	51.0	52.9	54.7	57.7	63.3	69.9	75.6
72.5°	47.2	52.7	57.5	61.6	65.3	69.2	73.6	78.4	84.3	90.9	96.9
70°	59.3	65.3	70.3	75.3	80.3	86.1	92.7	99.1	105.8	113.0	120.0
67.5°	71.0	76.9	82.8	89.0	96.5	104.3	112.1	121.0	130.1	138.2	145.4
65°	81.2	88.1	95.5	103.9	113.2	123.1	133.5	144.1	155.7	165.4	174.2
62.5°	91.0	99.2	108.2	118.7	130.5	142.3	155.5	168.9	181.8	193.2	203.8
60°	99.9	110.0	121.3	134.1	147.9	163.6	178.7	193.8	208.1	221.0	234.3
57.5°	108.7	121.3	134.9	150.3	167.8	185.4	203.0	219.4	235.5	251.3	266.3
55°	117.9	133.1	149.4	168.2	187.9	208.7	227.7	246.0	263.8	282.9	301.0
52.5°	128.1	145.1	165.4	186.5	209.2	231.6	252.5	273.3	294.8	316.4	340.0
50°	138.0	159.1	181.3	205.9	230.5	254.4	278.4	302.3	328.1	354.6	381.4
47.5°	149.4	172.5	198.8	225.2	252.0	278.6	305.3	334.3	363.5	394.3	423.9
45°	161.1	187.0	215.3	245.1	274.1	303.6	334.8	366.9	401.1	434.9	470.6
42.5°	172.1	201.4	232.6	264.8	297.0	330.0	364.4	401.7	439.2	478.2	517.4
40°	184.3	215.1	249.5	285.0	319.9	356.5	395.7	436.2	478.6	521.5	564.1
37.5°	196.0	229.9	266.1	304.2	343.5	383.6	426.2	472.1	518.1	564.3	611.2
35°	206.9	243.9	283.1	323.6	365.2	410.9	458.5	507.5	557.4	607.3	657.8
32.5°	218.2	257.1	299.4	342.7	388.6	437.5	489.7	542.8	595.9	649.3	704.5
30°	229.6	271.0	315.1	360.8	411.0	464.3	520.4	576.7	632.8	691.5	750.4
27.5°	240.3	284.1	330.6	379.4	432.4	489.1	548.6	608.9	669.5	731.9	794.6
25°	250.2	296.6	345.0	397.4	453.5	512.9	575.0	637.9	704.3	771.1	836.6
22.5°	259.8	308.0	358.3	414.0	472.7	535.1	599.7	666.2	735.6	807.2	875.0
20°	269.0	318.9	371.2	429.0	489.9	555.0	622.2	691.7	764.5	838.1	911.1
17.5°	277.2	328.6	383.3	443.0	506.3	573.3	642.4	714.2	790.3	866.6	943.9
15°	284.4	337.0	393.7	455.3	520.8	589.8	661.2	735.1	813.1	892.5	972.9
12.5°	290.4	344.2	402.5	465.7	533.1	604.0	677.3	753.8	833.9	915.6	998.3
10°	295.3	350.0	409.6	474.2	543.1	615.8	690.6	769.3	851.8	935.2	1019.6
7.5°	299.5	354.8	415.2	480.8	550.8	625.0	701.0	781.3	866.0	950.5	1036.8
5°	302.6	358.7	420.4	486.3	557.5	632.2	708.9	789.9	876.4	961.4	1049.2
2.5°	304.4	361.3	424.0	489.9	562.8	637.6	715.8	797.5	884.0	970.0	1058.6
0°	305.0	362.4	425.8	491.4	565.8	640.2	719.7	801.5	887.7	975.3	1064.5
-2.5°	304.4	361.3	424.0	489.9	562.8	637.6	715.8	797.5	884.0	970.0	1058.6
-5°	302.6	358.7	420.4	486.3	557.5	632.2	708.9	789.9	876.4	961.4	1049.2
-7.5°	299.5	354.8	415.2	480.8	550.8	625.0	701.0	781.3	866.0	950.5	1036.8
-10°	295.3	350.0	409.6	474.2	543.1	615.8	690.6	769.3	851.8	935.2	1019.6
-12.5°	290.4	344.2	402.5	465.7	533.1	604.0	677.3	753.8	833.9	915.6	998.3
-15°	284.4	337.0	393.7	455.3	520.8	589.8	661.2	735.1	813.1	892.5	972.9
-17.5°	277.2	328.6	383.3	443.0	506.3	573.3	642.4	714.2	790.3	866.6	943.9
-20°	269.0	318.9	371.2	429.0	489.9	555.0	622.2	691.7	764.5	838.1	911.1

Classified

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

Scaled Data Report



REPORT NUMBER: P626591 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	259.8	308.0	358.3	414.0	472.7	535.1	599.7	666.2	735.6	807.2	875.0
-25°	250.2	296.6	345.0	397.4	453.5	512.9	575.0	637.9	704.3	771.1	836.6
-27.5°	240.3	284.1	330.6	379.4	432.4	489.1	548.6	608.9	669.5	731.9	794.6
-30°	229.6	271.0	315.1	360.8	411.0	464.3	520.4	576.7	632.8	691.5	750.4
-32.5°	218.2	257.1	299.4	342.7	388.6	437.5	489.7	542.8	595.9	649.3	704.5
-35°	206.9	243.9	283.1	323.6	365.2	410.9	458.5	507.5	557.4	607.3	657.8
-37.5°	196.0	229.9	266.1	304.2	343.5	383.6	426.2	472.1	518.1	564.3	611.2
-40°	184.3	215.1	249.5	285.0	319.9	356.5	395.7	436.2	478.6	521.5	564.1
-42.5°	172.1	201.4	232.6	264.8	297.0	330.0	364.4	401.7	439.2	478.2	517.4
-45°	161.1	187.0	215.3	245.1	274.1	303.6	334.8	366.9	401.1	434.9	470.6
-47.5°	149.4	172.5	198.8	225.2	252.0	278.6	305.3	334.3	363.5	394.3	423.9
-50°	138.0	159.1	181.3	205.9	230.5	254.4	278.4	302.3	328.1	354.6	381.4
-52.5°	128.1	145.1	165.4	186.5	209.2	231.6	252.5	273.3	294.8	316.4	340.0
-55°	117.9	133.1	149.4	168.2	187.9	208.7	227.7	246.0	263.8	282.9	301.0
-57.5°	108.7	121.3	134.9	150.3	167.8	185.4	203.0	219.4	235.5	251.3	266.3
-60°	99.9	110.0	121.3	134.1	147.9	163.6	178.7	193.8	208.1	221.0	234.3
-62.5°	91.0	99.2	108.2	118.7	130.5	142.3	155.5	168.9	181.8	193.2	203.8
-65°	81.2	88.1	95.5	103.9	113.2	123.1	133.5	144.1	155.7	165.4	174.2
-67.5°	71.0	76.9	82.8	89.0	96.5	104.3	112.1	121.0	130.1	138.2	145.4
-70°	59.3	65.3	70.3	75.3	80.3	86.1	92.7	99.1	105.8	113.0	120.0
-72.5°	47.2	52.7	57.5	61.6	65.3	69.2	73.6	78.4	84.3	90.9	96.9
-75°	36.0	40.3	44.6	48.3	51.0	52.9	54.7	57.7	63.3	69.9	75.6
-77.5°	25.3	29.2	32.7	35.6	37.2	38.6	39.7	40.6	44.9	50.5	56.1
-80°	15.9	18.3	21.4	24.2	25.3	26.0	26.2	26.2	29.6	34.0	38.7
-82.5°	8.9	10.8	12.6	14.2	14.7	14.7	14.5	14.6	17.2	20.3	23.4
-85°	2.9	3.3	4.6	5.8	6.4	6.8	6.9	6.9	8.0	9.4	10.8
-87.5°	1.4	1.6	1.9	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.3
-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: P626591 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-722-U-VWR-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°	2.4	2.4	2.5	2.6	2.6	2.7	2.7	2.8	2.8	2.7	2.5
85°	12.3	13.2	14.0	14.7	15.5	16.2	16.9	17.5	18.1	16.5	14.7
82.5°	26.6	28.7	30.8	32.8	34.8	35.3	35.4	35.3	35.0	32.3	29.2
80°	43.4	47.0	50.4	53.8	57.1	57.5	57.1	56.4	55.4	51.8	47.7
77.5°	61.7	66.2	70.2	73.9	77.2	77.8	77.7	77.6	77.3	73.6	69.2
75°	80.5	84.9	89.2	92.9	95.9	97.3	98.0	98.5	98.8	96.1	92.7
72.5°	102.3	106.9	110.7	114.3	117.3	119.4	121.0	122.2	123.0	122.2	120.8
70°	126.0	131.0	135.1	139.1	143.2	146.4	148.9	150.7	151.8	152.6	153.1
67.5°	152.6	159.3	165.1	170.1	175.0	179.6	183.4	186.5	188.8	190.9	192.4
65°	182.6	191.1	198.7	205.6	211.9	218.6	224.1	228.7	232.5	235.5	238.0
62.5°	214.2	224.6	234.3	243.7	252.9	262.0	269.0	275.3	281.0	285.8	289.7
60°	247.0	258.8	271.8	284.2	295.7	306.1	316.5	325.5	333.2	339.5	344.7
57.5°	282.2	297.5	312.7	328.2	342.8	356.4	369.2	380.4	390.0	397.8	404.3
55°	320.3	339.5	357.1	376.6	395.4	412.5	427.6	440.8	452.3	461.9	470.0
52.5°	362.1	385.5	408.4	430.5	451.9	471.7	489.7	505.2	518.9	530.7	540.0
50°	407.9	434.6	461.2	485.8	510.3	533.2	553.8	571.7	587.7	601.6	612.4
47.5°	455.8	486.2	515.9	544.0	571.2	596.6	619.0	639.4	659.3	675.5	688.4
45°	505.6	539.7	572.4	604.6	634.5	663.0	690.6	716.0	736.4	754.3	769.3
42.5°	555.9	594.0	630.6	665.7	698.6	731.5	762.6	790.4	813.7	834.0	851.1
40°	606.9	648.6	688.9	727.2	764.8	800.7	834.4	863.7	889.9	914.0	934.2
37.5°	657.7	703.5	748.2	791.1	832.5	871.4	907.7	940.8	970.4	997.9	1020.3
35°	708.6	758.9	807.8	855.1	900.3	943.3	983.0	1020.6	1055.6	1083.4	1106.3
32.5°	759.4	813.4	866.7	918.7	968.2	1014.5	1057.6	1099.2	1135.1	1165.7	1192.0
30°	808.5	867.0	925.0	981.5	1034.9	1085.1	1132.8	1176.7	1215.4	1248.9	1278.4
27.5°	856.7	919.6	981.8	1042.1	1099.8	1154.4	1206.4	1254.1	1296.3	1332.7	1363.8
25°	902.2	969.8	1036.2	1100.1	1161.8	1222.0	1278.2	1330.2	1375.3	1415.2	1447.2
22.5°	945.8	1017.9	1087.6	1154.8	1220.8	1285.7	1347.2	1401.5	1449.3	1491.1	1526.4
20°	986.4	1063.6	1134.9	1206.0	1275.6	1344.8	1410.8	1468.2	1518.7	1563.2	1602.2
17.5°	1024.3	1103.5	1178.6	1254.3	1327.6	1400.2	1467.3	1528.8	1583.3	1630.5	1671.3
15°	1056.4	1136.4	1218.4	1299.2	1376.5	1450.0	1517.1	1581.3	1641.8	1692.9	1734.2
12.5°	1082.3	1165.6	1251.2	1336.9	1418.6	1492.1	1562.3	1627.4	1691.0	1748.4	1786.4
10°	1104.5	1190.2	1278.5	1366.0	1448.8	1526.5	1602.8	1671.7	1734.2	1785.6	1828.0
7.5°	1123.6	1211.9	1301.6	1389.2	1471.8	1552.1	1630.6	1703.8	1766.8	1815.3	1853.1
5°	1137.8	1228.2	1319.6	1408.0	1491.7	1572.3	1651.2	1723.4	1785.0	1834.2	1875.5
2.5°	1147.9	1239.1	1331.2	1419.7	1505.3	1586.1	1666.9	1740.0	1799.6	1844.7	1884.3
0°	1154.4	1245.7	1338.5	1429.1	1513.1	1591.2	1678.1	1746.6	1808.5	1853.4	1894.7
-2.5°	1147.9	1239.1	1331.2	1419.7	1505.3	1586.1	1666.9	1740.0	1799.6	1844.7	1884.3
-5°	1137.8	1228.2	1319.6	1408.0	1491.7	1572.3	1651.2	1723.4	1785.0	1834.2	1875.5
-7.5°	1123.6	1211.9	1301.6	1389.2	1471.8	1552.1	1630.6	1703.8	1766.8	1815.3	1853.1
-10°	1104.5	1190.2	1278.5	1366.0	1448.8	1526.5	1602.8	1671.7	1734.2	1785.6	1828.0
-12.5°	1082.3	1165.6	1251.2	1336.9	1418.6	1492.1	1562.3	1627.4	1691.0	1748.4	1786.4
-15°	1056.4	1136.4	1218.4	1299.2	1376.5	1450.0	1517.1	1581.3	1641.8	1692.9	1734.2
-17.5°	1024.3	1103.5	1178.6	1254.3	1327.6	1400.2	1467.3	1528.8	1583.3	1630.5	1671.3
-20°	986.4	1063.6	1134.9	1206.0	1275.6	1344.8	1410.8	1468.2	1518.7	1563.2	1602.2

Classified

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

Scaled Data Report



REPORT NUMBER: P626591 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	945.8	1017.9	1087.6	1154.8	1220.8	1285.7	1347.2	1401.5	1449.3	1491.1	1526.4
-25°	902.2	969.8	1036.2	1100.1	1161.8	1222.0	1278.2	1330.2	1375.3	1415.2	1447.2
-27.5°	856.7	919.6	981.8	1042.1	1099.8	1154.4	1206.4	1254.1	1296.3	1332.7	1363.8
-30°	808.5	867.0	925.0	981.5	1034.9	1085.1	1132.8	1176.7	1215.4	1248.9	1278.4
-32.5°	759.4	813.4	866.7	918.7	968.2	1014.5	1057.6	1099.2	1135.1	1165.7	1192.0
-35°	708.6	758.9	807.8	855.1	900.3	943.3	983.0	1020.6	1055.6	1083.4	1106.3
-37.5°	657.7	703.5	748.2	791.1	832.5	871.4	907.7	940.8	970.4	997.9	1020.3
-40°	606.9	648.6	688.9	727.2	764.8	800.7	834.4	863.7	889.9	914.0	934.2
-42.5°	555.9	594.0	630.6	665.7	698.6	731.5	762.6	790.4	813.7	834.0	851.1
-45°	505.6	539.7	572.4	604.6	634.5	663.0	690.6	716.0	736.4	754.3	769.3
-47.5°	455.8	486.2	515.9	544.0	571.2	596.6	619.0	639.4	659.3	675.5	688.4
-50°	407.9	434.6	461.2	485.8	510.3	533.2	553.8	571.7	587.7	601.6	612.4
-52.5°	362.1	385.5	408.4	430.5	451.9	471.7	489.7	505.2	518.9	530.7	540.0
-55°	320.3	339.5	357.1	376.6	395.4	412.5	427.6	440.8	452.3	461.9	470.0
-57.5°	282.2	297.5	312.7	328.2	342.8	356.4	369.2	380.4	390.0	397.8	404.3
-60°	247.0	258.8	271.8	284.2	295.7	306.1	316.5	325.5	333.2	339.5	344.7
-62.5°	214.2	224.6	234.3	243.7	252.9	262.0	269.0	275.3	281.0	285.8	289.7
-65°	182.6	191.1	198.7	205.6	211.9	218.6	224.1	228.7	232.5	235.5	238.0
-67.5°	152.6	159.3	165.1	170.1	175.0	179.6	183.4	186.5	188.8	190.9	192.4
-70°	126.0	131.0	135.1	139.1	143.2	146.4	148.9	150.7	151.8	152.6	153.1
-72.5°	102.3	106.9	110.7	114.3	117.3	119.4	121.0	122.2	123.0	122.2	120.8
-75°	80.5	84.9	89.2	92.9	95.9	97.3	98.0	98.5	98.8	96.1	92.7
-77.5°	61.7	66.2	70.2	73.9	77.2	77.8	77.7	77.6	77.3	73.6	69.2
-80°	43.4	47.0	50.4	53.8	57.1	57.5	57.1	56.4	55.4	51.8	47.7
-82.5°	26.6	28.7	30.8	32.8	34.8	35.3	35.4	35.3	35.0	32.3	29.2
-85°	12.3	13.2	14.0	14.7	15.5	16.2	16.9	17.5	18.1	16.5	14.7
-87.5°	2.4	2.4	2.5	2.6	2.6	2.7	2.7	2.8	2.8	2.7	2.5
-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: P626591 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.4	2.2	2.2	2.2	2.2	2.2	2.4	2.5	2.7	2.8	2.8
85°	12.9	10.9	10.3	9.6	10.3	10.9	12.9	14.7	16.5	18.1	17.5
82.5°	26.0	22.7	21.7	20.6	21.7	22.7	26.0	29.2	32.3	35.0	35.3
80°	43.4	38.9	37.2	35.4	37.2	38.9	43.4	47.7	51.8	55.4	56.4
77.5°	64.5	59.6	57.4	55.2	57.4	59.6	64.5	69.2	73.6	77.3	77.6
75°	89.1	85.2	82.8	80.3	82.8	85.2	89.1	92.7	96.1	98.8	98.5
72.5°	119.2	117.3	115.5	113.4	115.5	117.3	119.2	120.8	122.2	123.0	122.2
70°	153.3	153.0	153.3	153.2	153.3	153.0	153.3	153.1	152.6	151.8	150.7
67.5°	193.2	193.3	194.1	194.5	194.1	193.3	193.2	192.4	190.9	188.8	186.5
65°	239.5	240.0	239.8	238.7	239.8	240.0	239.5	238.0	235.5	232.5	228.7
62.5°	292.4	294.0	294.9	294.7	294.9	294.0	292.4	289.7	285.8	281.0	275.3
60°	348.5	351.0	352.2	352.1	352.2	351.0	348.5	344.7	339.5	333.2	325.5
57.5°	409.2	412.4	413.1	411.8	413.1	412.4	409.2	404.3	397.8	390.0	380.4
55°	476.1	480.2	481.8	481.0	481.8	480.2	476.1	470.0	461.9	452.3	440.8
52.5°	546.9	551.3	552.9	551.8	552.9	551.3	546.9	540.0	530.7	518.9	505.2
50°	620.4	625.8	627.9	626.9	627.9	625.8	620.4	612.4	601.6	587.7	571.7
47.5°	698.4	705.6	708.3	706.5	708.3	705.6	698.4	688.4	675.5	659.3	639.4
45°	780.6	787.9	790.8	789.0	790.8	787.9	780.6	769.3	754.3	736.4	716.0
42.5°	864.1	873.7	877.8	874.4	877.8	873.7	864.1	851.1	834.0	813.7	790.4
40°	949.2	959.6	964.4	962.1	964.4	959.6	949.2	934.2	914.0	889.9	863.7
37.5°	1036.4	1046.8	1051.9	1052.0	1051.9	1046.8	1036.4	1020.3	997.9	970.4	940.8
35°	1124.0	1136.5	1143.7	1143.3	1143.7	1136.5	1124.0	1106.3	1083.4	1055.6	1020.6
32.5°	1212.8	1226.4	1233.7	1234.6	1233.7	1226.4	1212.8	1192.0	1165.7	1135.1	1099.2
30°	1301.4	1316.4	1324.8	1328.2	1324.8	1316.4	1301.4	1278.4	1248.9	1215.4	1176.7
27.5°	1387.4	1405.8	1418.5	1419.6	1418.5	1405.8	1387.4	1363.8	1332.7	1296.3	1254.1
25°	1470.6	1489.4	1502.4	1505.0	1502.4	1489.4	1470.6	1447.2	1415.2	1375.3	1330.2
22.5°	1552.7	1572.3	1584.2	1589.0	1584.2	1572.3	1552.7	1526.4	1491.1	1449.3	1401.5
20°	1631.0	1652.2	1665.0	1670.0	1665.0	1652.2	1631.0	1602.2	1563.2	1518.7	1468.2
17.5°	1701.9	1724.3	1740.0	1744.4	1740.0	1724.3	1701.9	1671.3	1630.5	1583.3	1528.8
15°	1764.2	1785.5	1800.4	1806.3	1800.4	1785.5	1764.2	1734.2	1692.9	1641.8	1581.3
12.5°	1814.9	1834.0	1845.7	1851.2	1845.7	1834.0	1814.9	1786.4	1748.4	1691.0	1627.4
10°	1854.6	1873.7	1884.8	1892.5	1884.8	1873.7	1854.6	1828.0	1785.6	1734.2	1671.7
7.5°	1889.0	1908.6	1922.2	1933.0	1922.2	1908.6	1889.0	1853.1	1815.3	1766.8	1703.8
5°	1908.0	1940.7	1945.6	1952.9	1945.6	1940.7	1908.0	1875.5	1834.2	1785.0	1723.4
2.5°	1922.5	1945.6	1959.6	1958.1	1959.6	1945.6	1922.5	1884.3	1844.7	1799.6	1740.0
0°	1933.0	1953.6	1958.8	1965.4	1958.8	1953.6	1933.0	1894.7	1853.4	1808.5	1746.6
-2.5°	1922.5	1945.6	1959.6	1958.1	1959.6	1945.6	1922.5	1884.3	1844.7	1799.6	1740.0
-5°	1908.0	1940.7	1945.6	1952.9	1945.6	1940.7	1908.0	1875.5	1834.2	1785.0	1723.4
-7.5°	1889.0	1908.6	1922.2	1933.0	1922.2	1908.6	1889.0	1853.1	1815.3	1766.8	1703.8
-10°	1854.6	1873.7	1884.8	1892.5	1884.8	1873.7	1854.6	1828.0	1785.6	1734.2	1671.7
-12.5°	1814.9	1834.0	1845.7	1851.2	1845.7	1834.0	1814.9	1786.4	1748.4	1691.0	1627.4
-15°	1764.2	1785.5	1800.4	1806.3	1800.4	1785.5	1764.2	1734.2	1692.9	1641.8	1581.3
-17.5°	1701.9	1724.3	1740.0	1744.4	1740.0	1724.3	1701.9	1671.3	1630.5	1583.3	1528.8
-20°	1631.0	1652.2	1665.0	1670.0	1665.0	1652.2	1631.0	1602.2	1563.2	1518.7	1468.2



REPORT NUMBER: P626591 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-722-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1552.7	1572.3	1584.2	1589.0	1584.2	1572.3	1552.7	1526.4	1491.1	1449.3	1401.5
-25°	1470.6	1489.4	1502.4	1505.0	1502.4	1489.4	1470.6	1447.2	1415.2	1375.3	1330.2
-27.5°	1387.4	1405.8	1418.5	1419.6	1418.5	1405.8	1387.4	1363.8	1332.7	1296.3	1254.1
-30°	1301.4	1316.4	1324.8	1328.2	1324.8	1316.4	1301.4	1278.4	1248.9	1215.4	1176.7
-32.5°	1212.8	1226.4	1233.7	1234.6	1233.7	1226.4	1212.8	1192.0	1165.7	1135.1	1099.2
-35°	1124.0	1136.5	1143.7	1143.3	1143.7	1136.5	1124.0	1106.3	1083.4	1055.6	1020.6
-37.5°	1036.4	1046.8	1051.9	1052.0	1051.9	1046.8	1036.4	1020.3	997.9	970.4	940.8
-40°	949.2	959.6	964.4	962.1	964.4	959.6	949.2	934.2	914.0	889.9	863.7
-42.5°	864.1	873.7	877.8	874.4	877.8	873.7	864.1	851.1	834.0	813.7	790.4
-45°	780.6	787.9	790.8	789.0	790.8	787.9	780.6	769.3	754.3	736.4	716.0
-47.5°	698.4	705.6	708.3	706.5	708.3	705.6	698.4	688.4	675.5	659.3	639.4
-50°	620.4	625.8	627.9	626.9	627.9	625.8	620.4	612.4	601.6	587.7	571.7
-52.5°	546.9	551.3	552.9	551.8	552.9	551.3	546.9	540.0	530.7	518.9	505.2
-55°	476.1	480.2	481.8	481.0	481.8	480.2	476.1	470.0	461.9	452.3	440.8
-57.5°	409.2	412.4	413.1	411.8	413.1	412.4	409.2	404.3	397.8	390.0	380.4
-60°	348.5	351.0	352.2	352.1	352.2	351.0	348.5	344.7	339.5	333.2	325.5
-62.5°	292.4	294.0	294.9	294.7	294.9	294.0	292.4	289.7	285.8	281.0	275.3
-65°	239.5	240.0	239.8	238.7	239.8	240.0	239.5	238.0	235.5	232.5	228.7
-67.5°	193.2	193.3	194.1	194.5	194.1	193.3	193.2	192.4	190.9	188.8	186.5
-70°	153.3	153.0	153.3	153.2	153.3	153.0	153.3	153.1	152.6	151.8	150.7
-72.5°	119.2	117.3	115.5	113.4	115.5	117.3	119.2	120.8	122.2	123.0	122.2
-75°	89.1	85.2	82.8	80.3	82.8	85.2	89.1	92.7	96.1	98.8	98.5
-77.5°	64.5	59.6	57.4	55.2	57.4	59.6	64.5	69.2	73.6	77.3	77.6
-80°	43.4	38.9	37.2	35.4	37.2	38.9	43.4	47.7	51.8	55.4	56.4
-82.5°	26.0	22.7	21.7	20.6	21.7	22.7	26.0	29.2	32.3	35.0	35.3
-85°	12.9	10.9	10.3	9.6	10.3	10.9	12.9	14.7	16.5	18.1	17.5
-87.5°	2.4	2.2	2.2	2.2	2.2	2.2	2.4	2.5	2.7	2.8	2.8
-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: P626591 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-722-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.7	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.1
85°	16.9	16.2	15.5	14.7	14.0	13.2	12.3	10.8	9.4	8.0	6.9
82.5°	35.4	35.3	34.8	32.8	30.8	28.7	26.6	23.4	20.3	17.2	14.6
80°	57.1	57.5	57.1	53.8	50.4	47.0	43.4	38.7	34.0	29.6	26.2
77.5°	77.7	77.8	77.2	73.9	70.2	66.2	61.7	56.1	50.5	44.9	40.6
75°	98.0	97.3	95.9	92.9	89.2	84.9	80.5	75.6	69.9	63.3	57.7
72.5°	121.0	119.4	117.3	114.3	110.7	106.9	102.3	96.9	90.9	84.3	78.4
70°	148.9	146.4	143.2	139.1	135.1	131.0	126.0	120.0	113.0	105.8	99.1
67.5°	183.4	179.6	175.0	170.1	165.1	159.3	152.6	145.4	138.2	130.1	121.0
65°	224.1	218.6	211.9	205.6	198.7	191.1	182.6	174.2	165.4	155.7	144.1
62.5°	269.0	262.0	252.9	243.7	234.3	224.6	214.2	203.8	193.2	181.8	168.9
60°	316.5	306.1	295.7	284.2	271.8	258.8	247.0	234.3	221.0	208.1	193.8
57.5°	369.2	356.4	342.8	328.2	312.7	297.5	282.2	266.3	251.3	235.5	219.4
55°	427.6	412.5	395.4	376.6	357.1	339.5	320.3	301.0	282.9	263.8	246.0
52.5°	489.7	471.7	451.9	430.5	408.4	385.5	362.1	340.0	316.4	294.8	273.3
50°	553.8	533.2	510.3	485.8	461.2	434.6	407.9	381.4	354.6	328.1	302.3
47.5°	619.0	596.6	571.2	544.0	515.9	486.2	455.8	423.9	394.3	363.5	334.3
45°	690.6	663.0	634.5	604.6	572.4	539.7	505.6	470.6	434.9	401.1	366.9
42.5°	762.6	731.5	698.6	665.7	630.6	594.0	555.9	517.4	478.2	439.2	401.7
40°	834.4	800.7	764.8	727.2	688.9	648.6	606.9	564.1	521.5	478.6	436.2
37.5°	907.7	871.4	832.5	791.1	748.2	703.5	657.7	611.2	564.3	518.1	472.1
35°	983.0	943.3	900.3	855.1	807.8	758.9	708.6	657.8	607.3	557.4	507.5
32.5°	1057.6	1014.5	968.2	918.7	866.7	813.4	759.4	704.5	649.3	595.9	542.8
30°	1132.8	1085.1	1034.9	981.5	925.0	867.0	808.5	750.4	691.5	632.8	576.7
27.5°	1206.4	1154.4	1099.8	1042.1	981.8	919.6	856.7	794.6	731.9	669.5	608.9
25°	1278.2	1222.0	1161.8	1100.1	1036.2	969.8	902.2	836.6	771.1	704.3	637.9
22.5°	1347.2	1285.7	1220.8	1154.8	1087.6	1017.9	945.8	875.0	807.2	735.6	666.2
20°	1410.8	1344.8	1275.6	1206.0	1134.9	1063.6	986.4	911.1	838.1	764.5	691.7
17.5°	1467.3	1400.2	1327.6	1254.3	1178.6	1103.5	1024.3	943.9	866.6	790.3	714.2
15°	1517.1	1450.0	1376.5	1299.2	1218.4	1136.4	1056.4	972.9	892.5	813.1	735.1
12.5°	1562.3	1492.1	1418.6	1336.9	1251.2	1165.6	1082.3	998.3	915.6	833.9	753.8
10°	1602.8	1526.5	1448.8	1366.0	1278.5	1190.2	1104.5	1019.6	935.2	851.8	769.3
7.5°	1630.6	1552.1	1471.8	1389.2	1301.6	1211.9	1123.6	1036.8	950.5	866.0	781.3
5°	1651.2	1572.3	1491.7	1408.0	1319.6	1228.2	1137.8	1049.2	961.4	876.4	789.9
2.5°	1666.9	1586.1	1505.3	1419.7	1331.2	1239.1	1147.9	1058.6	970.0	884.0	797.5
0°	1678.1	1591.2	1513.1	1429.1	1338.5	1245.7	1154.4	1064.5	975.3	887.7	801.5
-2.5°	1666.9	1586.1	1505.3	1419.7	1331.2	1239.1	1147.9	1058.6	970.0	884.0	797.5
-5°	1651.2	1572.3	1491.7	1408.0	1319.6	1228.2	1137.8	1049.2	961.4	876.4	789.9
-7.5°	1630.6	1552.1	1471.8	1389.2	1301.6	1211.9	1123.6	1036.8	950.5	866.0	781.3
-10°	1602.8	1526.5	1448.8	1366.0	1278.5	1190.2	1104.5	1019.6	935.2	851.8	769.3
-12.5°	1562.3	1492.1	1418.6	1336.9	1251.2	1165.6	1082.3	998.3	915.6	833.9	753.8
-15°	1517.1	1450.0	1376.5	1299.2	1218.4	1136.4	1056.4	972.9	892.5	813.1	735.1
-17.5°	1467.3	1400.2	1327.6	1254.3	1178.6	1103.5	1024.3	943.9	866.6	790.3	714.2
-20°	1410.8	1344.8	1275.6	1206.0	1134.9	1063.6	986.4	911.1	838.1	764.5	691.7

Classified

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

Scaled Data Report



REPORT NUMBER: P626591 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1347.2	1285.7	1220.8	1154.8	1087.6	1017.9	945.8	875.0	807.2	735.6	666.2
-25°	1278.2	1222.0	1161.8	1100.1	1036.2	969.8	902.2	836.6	771.1	704.3	637.9
-27.5°	1206.4	1154.4	1099.8	1042.1	981.8	919.6	856.7	794.6	731.9	669.5	608.9
-30°	1132.8	1085.1	1034.9	981.5	925.0	867.0	808.5	750.4	691.5	632.8	576.7
-32.5°	1057.6	1014.5	968.2	918.7	866.7	813.4	759.4	704.5	649.3	595.9	542.8
-35°	983.0	943.3	900.3	855.1	807.8	758.9	708.6	657.8	607.3	557.4	507.5
-37.5°	907.7	871.4	832.5	791.1	748.2	703.5	657.7	611.2	564.3	518.1	472.1
-40°	834.4	800.7	764.8	727.2	688.9	648.6	606.9	564.1	521.5	478.6	436.2
-42.5°	762.6	731.5	698.6	665.7	630.6	594.0	555.9	517.4	478.2	439.2	401.7
-45°	690.6	663.0	634.5	604.6	572.4	539.7	505.6	470.6	434.9	401.1	366.9
-47.5°	619.0	596.6	571.2	544.0	515.9	486.2	455.8	423.9	394.3	363.5	334.3
-50°	553.8	533.2	510.3	485.8	461.2	434.6	407.9	381.4	354.6	328.1	302.3
-52.5°	489.7	471.7	451.9	430.5	408.4	385.5	362.1	340.0	316.4	294.8	273.3
-55°	427.6	412.5	395.4	376.6	357.1	339.5	320.3	301.0	282.9	263.8	246.0
-57.5°	369.2	356.4	342.8	328.2	312.7	297.5	282.2	266.3	251.3	235.5	219.4
-60°	316.5	306.1	295.7	284.2	271.8	258.8	247.0	234.3	221.0	208.1	193.8
-62.5°	269.0	262.0	252.9	243.7	234.3	224.6	214.2	203.8	193.2	181.8	168.9
-65°	224.1	218.6	211.9	205.6	198.7	191.1	182.6	174.2	165.4	155.7	144.1
-67.5°	183.4	179.6	175.0	170.1	165.1	159.3	152.6	145.4	138.2	130.1	121.0
-70°	148.9	146.4	143.2	139.1	135.1	131.0	126.0	120.0	113.0	105.8	99.1
-72.5°	121.0	119.4	117.3	114.3	110.7	106.9	102.3	96.9	90.9	84.3	78.4
-75°	98.0	97.3	95.9	92.9	89.2	84.9	80.5	75.6	69.9	63.3	57.7
-77.5°	77.7	77.8	77.2	73.9	70.2	66.2	61.7	56.1	50.5	44.9	40.6
-80°	57.1	57.5	57.1	53.8	50.4	47.0	43.4	38.7	34.0	29.6	26.2
-82.5°	35.4	35.3	34.8	32.8	30.8	28.7	26.6	23.4	20.3	17.2	14.6
-85°	16.9	16.2	15.5	14.7	14.0	13.2	12.3	10.8	9.4	8.0	6.9
-87.5°	2.7	2.7	2.6	2.6	2.5	2.4	2.4	2.3	2.2	2.1	2.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P626591 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-722-U-VWR-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°	2.1	2.1	2.1	2.1	1.9	1.6	1.4	1.2	1.1	1.0	0.9
85°	6.9	6.8	6.4	5.8	4.6	3.3	2.9	2.4	2.2	2.0	1.7
82.5°	14.5	14.7	14.7	14.2	12.6	10.8	8.9	7.0	5.2	3.3	2.6
80°	26.2	26.0	25.3	24.2	21.4	18.3	15.9	13.5	11.1	8.7	6.1
77.5°	39.7	38.6	37.2	35.6	32.7	29.2	25.3	20.8	17.1	14.0	10.8
75°	54.7	52.9	51.0	48.3	44.6	40.3	36.0	30.8	25.0	19.5	15.6
72.5°	73.6	69.2	65.3	61.6	57.5	52.7	47.2	40.5	33.5	26.9	20.7
70°	92.7	86.1	80.3	75.3	70.3	65.3	59.3	51.0	41.8	34.0	26.7
67.5°	112.1	104.3	96.5	89.0	82.8	76.9	71.0	61.4	50.9	41.0	32.6
65°	133.5	123.1	113.2	103.9	95.5	88.1	81.2	71.1	59.7	48.6	38.4
62.5°	155.5	142.3	130.5	118.7	108.2	99.2	91.0	79.8	68.1	55.9	44.4
60°	178.7	163.6	147.9	134.1	121.3	110.0	99.9	88.4	76.0	63.0	50.4
57.5°	203.0	185.4	167.8	150.3	134.9	121.3	108.7	96.6	83.7	69.9	56.0
55°	227.7	208.7	187.9	168.2	149.4	133.1	117.9	104.4	91.2	76.8	60.8
52.5°	252.5	231.6	209.2	186.5	165.4	145.1	128.1	112.0	98.1	83.5	65.8
50°	278.4	254.4	230.5	205.9	181.3	159.1	138.0	120.7	104.8	89.8	70.5
47.5°	305.3	278.6	252.0	225.2	198.8	172.5	149.4	129.3	111.2	95.6	75.0
45°	334.8	303.6	274.1	245.1	215.3	187.0	161.1	137.5	118.5	100.0	79.1
42.5°	364.4	330.0	297.0	264.8	232.6	201.4	172.1	147.1	125.5	104.3	82.8
40°	395.7	356.5	319.9	285.0	249.5	215.1	184.3	156.5	132.1	108.7	86.3
37.5°	426.2	383.6	343.5	304.2	266.1	229.9	196.0	165.3	138.3	113.7	89.7
35°	458.5	410.9	365.2	323.6	283.1	243.9	206.9	174.2	145.5	118.5	92.9
32.5°	489.7	437.5	388.6	342.7	299.4	257.1	218.2	183.6	152.3	123.3	95.8
30°	520.4	464.3	411.0	360.8	315.1	271.0	229.6	192.4	158.9	127.8	98.8
27.5°	548.6	489.1	432.4	379.4	330.6	284.1	240.3	200.5	165.2	132.5	102.2
25°	575.0	512.9	453.5	397.4	345.0	296.6	250.2	208.1	171.5	137.4	105.4
22.5°	599.7	535.1	472.7	414.0	358.3	308.0	259.8	216.1	177.5	141.9	108.4
20°	622.2	555.0	489.9	429.0	371.2	318.9	269.0	223.3	182.9	146.0	111.0
17.5°	642.4	573.3	506.3	443.0	383.3	328.6	277.2	229.7	187.6	149.6	113.3
15°	661.2	589.8	520.8	455.3	393.7	337.0	284.4	235.1	191.7	152.8	115.6
12.5°	677.3	604.0	533.1	465.7	402.5	344.2	290.4	239.7	195.1	155.6	117.6
10°	690.6	615.8	543.1	474.2	409.6	350.0	295.3	243.6	198.2	158.1	119.2
7.5°	701.0	625.0	550.8	480.8	415.2	354.8	299.5	246.9	200.8	160.0	120.4
5°	708.9	632.2	557.5	486.3	420.4	358.7	302.6	249.3	202.6	161.3	121.0
2.5°	715.8	637.6	562.8	489.9	424.0	361.3	304.4	250.7	203.7	162.0	121.1
0°	719.7	640.2	565.8	491.4	425.8	362.4	305.0	251.2	204.1	162.1	120.8
-2.5°	715.8	637.6	562.8	489.9	424.0	361.3	304.4	250.7	203.7	162.0	121.1
-5°	708.9	632.2	557.5	486.3	420.4	358.7	302.6	249.3	202.6	161.3	121.0
-7.5°	701.0	625.0	550.8	480.8	415.2	354.8	299.5	246.9	200.8	160.0	120.4
-10°	690.6	615.8	543.1	474.2	409.6	350.0	295.3	243.6	198.2	158.1	119.2
-12.5°	677.3	604.0	533.1	465.7	402.5	344.2	290.4	239.7	195.1	155.6	117.6
-15°	661.2	589.8	520.8	455.3	393.7	337.0	284.4	235.1	191.7	152.8	115.6
-17.5°	642.4	573.3	506.3	443.0	383.3	328.6	277.2	229.7	187.6	149.6	113.3
-20°	622.2	555.0	489.9	429.0	371.2	318.9	269.0	223.3	182.9	146.0	111.0

Classified

Cooper Lighting Solutions Photometric Lab  
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Scaled Data Report



REPORT NUMBER: P626591 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	599.7	535.1	472.7	414.0	358.3	308.0	259.8	216.1	177.5	141.9	108.4
-25°	575.0	512.9	453.5	397.4	345.0	296.6	250.2	208.1	171.5	137.4	105.4
-27.5°	548.6	489.1	432.4	379.4	330.6	284.1	240.3	200.5	165.2	132.5	102.2
-30°	520.4	464.3	411.0	360.8	315.1	271.0	229.6	192.4	158.9	127.8	98.8
-32.5°	489.7	437.5	388.6	342.7	299.4	257.1	218.2	183.6	152.3	123.3	95.8
-35°	458.5	410.9	365.2	323.6	283.1	243.9	206.9	174.2	145.5	118.5	92.9
-37.5°	426.2	383.6	343.5	304.2	266.1	229.9	196.0	165.3	138.3	113.7	89.7
-40°	395.7	356.5	319.9	285.0	249.5	215.1	184.3	156.5	132.1	108.7	86.3
-42.5°	364.4	330.0	297.0	264.8	232.6	201.4	172.1	147.1	125.5	104.3	82.8
-45°	334.8	303.6	274.1	245.1	215.3	187.0	161.1	137.5	118.5	100.0	79.1
-47.5°	305.3	278.6	252.0	225.2	198.8	172.5	149.4	129.3	111.2	95.6	75.0
-50°	278.4	254.4	230.5	205.9	181.3	159.1	138.0	120.7	104.8	89.8	70.5
-52.5°	252.5	231.6	209.2	186.5	165.4	145.1	128.1	112.0	98.1	83.5	65.8
-55°	227.7	208.7	187.9	168.2	149.4	133.1	117.9	104.4	91.2	76.8	60.8
-57.5°	203.0	185.4	167.8	150.3	134.9	121.3	108.7	96.6	83.7	69.9	56.0
-60°	178.7	163.6	147.9	134.1	121.3	110.0	99.9	88.4	76.0	63.0	50.4
-62.5°	155.5	142.3	130.5	118.7	108.2	99.2	91.0	79.8	68.1	55.9	44.4
-65°	133.5	123.1	113.2	103.9	95.5	88.1	81.2	71.1	59.7	48.6	38.4
-67.5°	112.1	104.3	96.5	89.0	82.8	76.9	71.0	61.4	50.9	41.0	32.6
-70°	92.7	86.1	80.3	75.3	70.3	65.3	59.3	51.0	41.8	34.0	26.7
-72.5°	73.6	69.2	65.3	61.6	57.5	52.7	47.2	40.5	33.5	26.9	20.7
-75°	54.7	52.9	51.0	48.3	44.6	40.3	36.0	30.8	25.0	19.5	15.6
-77.5°	39.7	38.6	37.2	35.6	32.7	29.2	25.3	20.8	17.1	14.0	10.8
-80°	26.2	26.0	25.3	24.2	21.4	18.3	15.9	13.5	11.1	8.7	6.1
-82.5°	14.5	14.7	14.7	14.2	12.6	10.8	8.9	7.0	5.2	3.3	2.6
-85°	6.9	6.8	6.4	5.8	4.6	3.3	2.9	2.4	2.2	2.0	1.7
-87.5°	2.1	2.1	2.1	2.1	1.9	1.6	1.4	1.2	1.1	1.0	0.9
-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: P626591 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1B-722-U-VWR-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°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
85°	1.5	1.3	1.0	0.8	0.5	0.2	0.0
82.5°	2.2	1.9	1.5	1.1	0.8	0.3	0.0
80°	3.4	2.5	2.0	1.5	1.0	0.4	0.0
77.5°	7.5	3.9	2.5	1.9	1.2	0.5	0.0
75°	11.4	6.9	3.3	2.2	1.5	0.7	0.0
72.5°	15.3	9.7	5.2	2.6	1.7	0.8	0.0
70°	19.1	12.4	7.1	3.1	2.0	0.9	0.0
67.5°	23.7	15.0	9.0	4.3	2.2	1.0	0.0
65°	28.1	18.0	10.7	5.4	2.4	1.1	0.0
62.5°	32.2	21.2	12.4	6.5	2.6	1.2	0.0
60°	36.2	24.2	13.9	7.5	2.8	1.3	0.0
57.5°	40.3	27.0	16.0	8.5	3.4	1.3	0.0
55°	44.2	29.7	18.0	9.4	3.9	1.4	0.0
52.5°	47.8	32.2	19.8	10.2	4.5	1.5	0.0
50°	51.1	34.9	21.5	11.0	5.0	1.6	0.0
47.5°	54.2	37.3	23.1	11.8	5.5	1.7	0.0
45°	57.7	39.5	24.5	12.8	6.0	1.7	0.0
42.5°	60.9	41.4	25.7	13.7	6.4	1.8	0.0
40°	63.8	43.1	26.9	14.7	6.8	1.9	0.0
37.5°	66.4	44.6	28.1	15.6	7.2	1.9	0.0
35°	68.6	46.2	29.2	16.5	7.6	2.0	0.0
32.5°	70.7	47.9	30.1	17.3	7.9	2.0	0.0
30°	72.9	49.4	30.8	18.0	8.2	2.1	0.0
27.5°	74.9	50.5	31.8	18.7	8.5	2.1	0.0
25°	76.6	51.5	32.8	19.3	8.7	2.1	0.0
22.5°	78.1	52.4	33.7	19.9	9.0	2.2	0.0
20°	79.3	53.8	34.4	20.3	9.2	2.2	0.0
17.5°	80.8	54.8	35.0	20.7	9.3	2.2	0.0
15°	82.4	55.7	35.5	21.0	9.4	2.2	0.0
12.5°	83.7	56.3	35.9	21.3	9.5	2.2	0.0
10°	84.7	56.6	36.2	21.4	9.6	2.2	0.0
7.5°	85.4	56.8	36.4	21.5	9.7	2.2	0.0
5°	85.8	56.7	36.4	21.6	9.7	2.2	0.0
2.5°	85.8	56.5	36.3	21.5	9.6	2.2	0.0
0°	85.5	56.0	36.1	21.4	9.6	2.2	0.0
-2.5°	85.8	56.5	36.3	21.5	9.6	2.2	0.0
-5°	85.8	56.7	36.4	21.6	9.7	2.2	0.0
-7.5°	85.4	56.8	36.4	21.5	9.7	2.2	0.0
-10°	84.7	56.6	36.2	21.4	9.6	2.2	0.0
-12.5°	83.7	56.3	35.9	21.3	9.5	2.2	0.0
-15°	82.4	55.7	35.5	21.0	9.4	2.2	0.0
-17.5°	80.8	54.8	35.0	20.7	9.3	2.2	0.0
-20°	79.3	53.8	34.4	20.3	9.2	2.2	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	78.1	52.4	33.7	19.9	9.0	2.2	0.0
-25°	76.6	51.5	32.8	19.3	8.7	2.1	0.0
-27.5°	74.9	50.5	31.8	18.7	8.5	2.1	0.0
-30°	72.9	49.4	30.8	18.0	8.2	2.1	0.0
-32.5°	70.7	47.9	30.1	17.3	7.9	2.0	0.0
-35°	68.6	46.2	29.2	16.5	7.6	2.0	0.0
-37.5°	66.4	44.6	28.1	15.6	7.2	1.9	0.0
-40°	63.8	43.1	26.9	14.7	6.8	1.9	0.0
-42.5°	60.9	41.4	25.7	13.7	6.4	1.8	0.0
-45°	57.7	39.5	24.5	12.8	6.0	1.7	0.0
-47.5°	54.2	37.3	23.1	11.8	5.5	1.7	0.0
-50°	51.1	34.9	21.5	11.0	5.0	1.6	0.0
-52.5°	47.8	32.2	19.8	10.2	4.5	1.5	0.0
-55°	44.2	29.7	18.0	9.4	3.9	1.4	0.0
-57.5°	40.3	27.0	16.0	8.5	3.4	1.3	0.0
-60°	36.2	24.2	13.9	7.5	2.8	1.3	0.0
-62.5°	32.2	21.2	12.4	6.5	2.6	1.2	0.0
-65°	28.1	18.0	10.7	5.4	2.4	1.1	0.0
-67.5°	23.7	15.0	9.0	4.3	2.2	1.0	0.0
-70°	19.1	12.4	7.1	3.1	2.0	0.9	0.0
-72.5°	15.3	9.7	5.2	2.6	1.7	0.8	0.0
-75°	11.4	6.9	3.3	2.2	1.5	0.7	0.0
-77.5°	7.5	3.9	2.5	1.9	1.2	0.5	0.0
-80°	3.4	2.5	2.0	1.5	1.0	0.4	0.0
-82.5°	2.2	1.9	1.5	1.1	0.8	0.3	0.0
-85°	1.5	1.3	1.0	0.8	0.5	0.2	0.0
-87.5°	0.8	0.6	0.5	0.4	0.3	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)