

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: P627487 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-722-U-MWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627487 (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-SA4E-722-U-MWR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N86  
Light Source: (64) 2200K CCT, 70 CRI LEDS  
Ballast/Driver: -

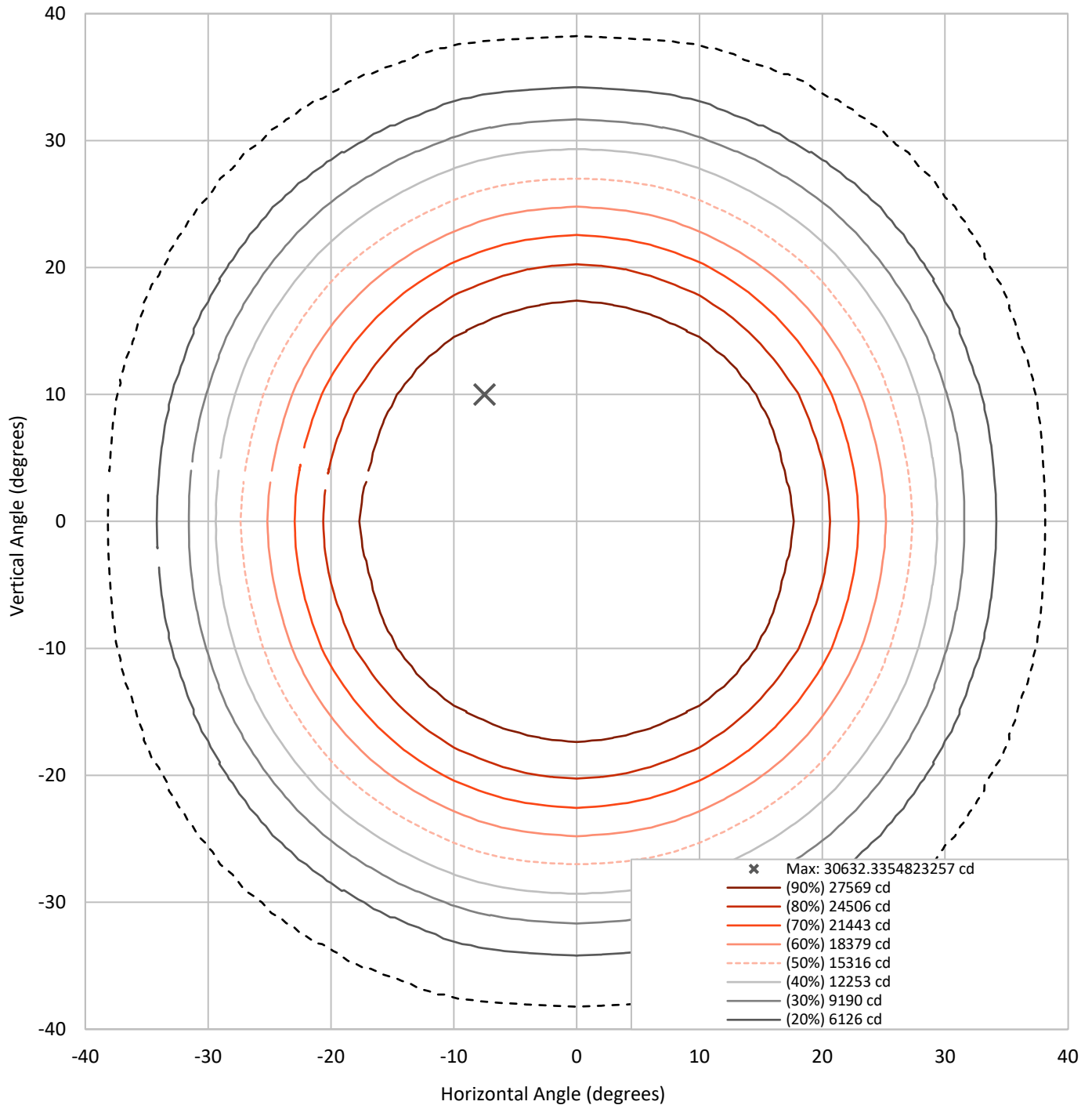
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	26071 lumens	Max Intensity:	30632.3 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	101.9 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:	17304.4 lumens	Field Lumens:	22500.6 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	255.9		
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





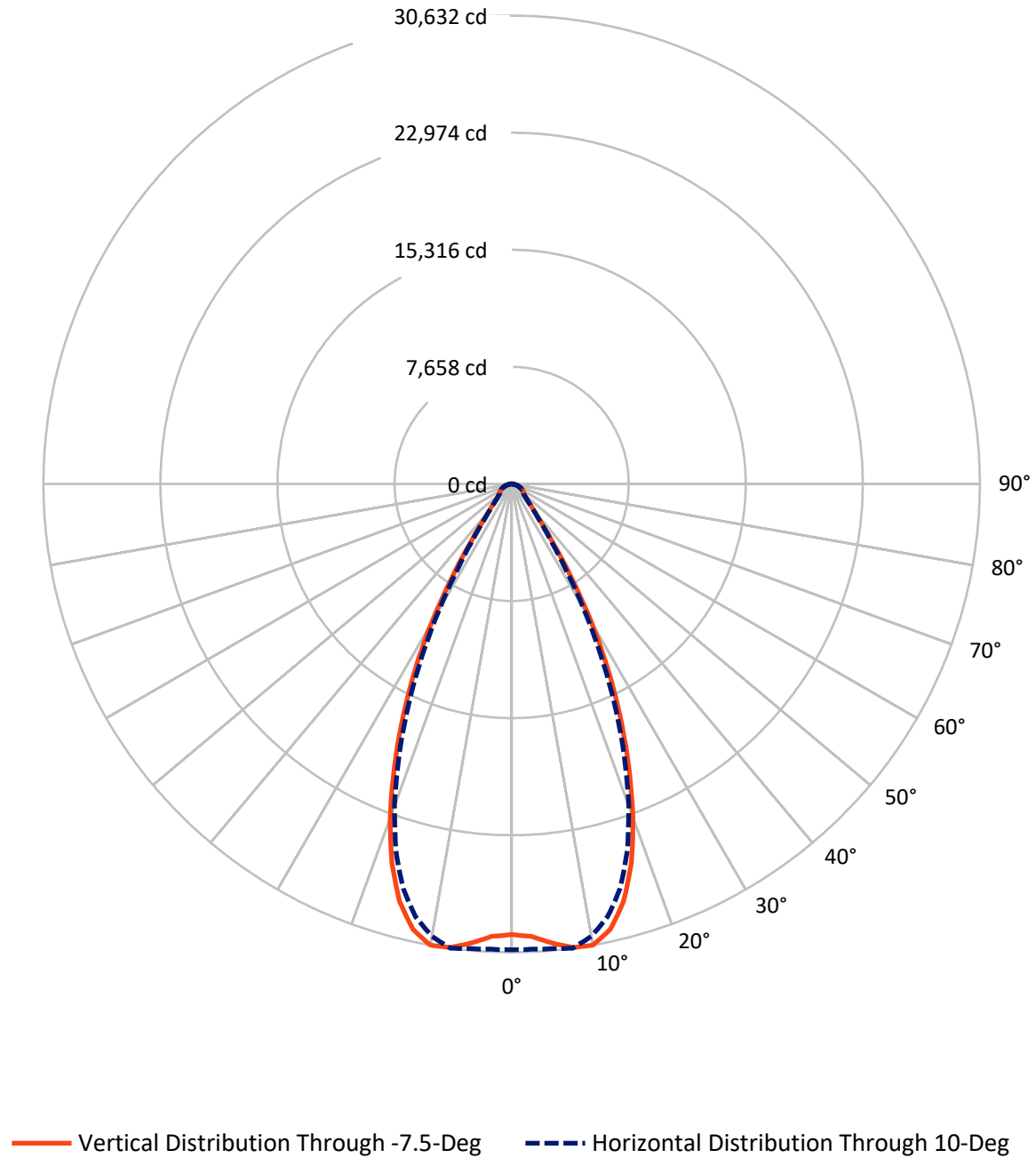
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### Lumen Table

90																			
80	0.7	6.1		16.4		25.9		28.9		25.9		16.4		6.1	0.7				
70																			
60	2.8	3.1	6.4	10.4	14.6	17.7	20.0	21.2	21.2	20.0	17.7	14.6	10.4	6.4	3.1	2.8			
50		4.7	9.4	15.0	20.1	24.3	27.2	28.4	28.4	27.2	24.3	20.1	15.0	9.4	4.7				
40	4.9	6.1	11.9	18.2	24.5	31.9	40.1	46.0	46.0	40.1	31.9	24.5	18.2	11.9	6.1	4.9			
30		7.2	13.8	21.0	32.5	59.3	113.4	168.1	168.1	113.4	59.3	32.5	21.0	13.8	7.2				
20	6.3	8.0	15.1	24.5	53.4	167.4	375.5	524.3	524.3	375.5	167.4	53.4	24.5	15.1	8.0	6.3			
10		8.6	15.9	29.1	96.5	356.8	681.4	852.8	852.8	681.4	356.8	96.5	29.1	15.9	8.6				
0	6.8	8.9	16.3	32.8	139.0	488.3	826.6	899.4	899.4	826.6	488.3	139.0	32.8	16.3	8.9	6.8			
-10		8.9	16.3	32.8	139.0	488.3	826.6	899.4	899.4	826.6	488.3	139.0	32.8	16.3	8.9				
-20	6.3	8.6	15.9	29.1	96.5	356.8	681.4	852.8	852.8	681.4	356.8	96.5	29.1	15.9	8.6	6.3			
-30		8.0	15.1	24.5	53.4	167.4	375.5	524.3	524.3	375.5	167.4	53.4	24.5	15.1	8.0				
-40	4.9	7.2	13.8	21.0	32.5	59.3	113.4	168.1	168.1	113.4	59.3	32.5	21.0	13.8	7.2	4.9			
-50		6.1	11.9	18.2	24.5	31.9	40.1	46.0	46.0	40.1	31.9	24.5	18.2	11.9	6.1				
-60	2.8	4.7	9.4	15.0	20.1	24.3	27.2	28.4	28.4	27.2	24.3	20.1	15.0	9.4	4.7	2.8			
-70		3.1	6.4	10.4	14.6	17.7	20.0	21.2	21.2	20.0	17.7	14.6	10.4	6.4	3.1				
-80																			
-90	0.7	6.1		16.4		25.9		28.9		25.9		16.4		6.1	0.7				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

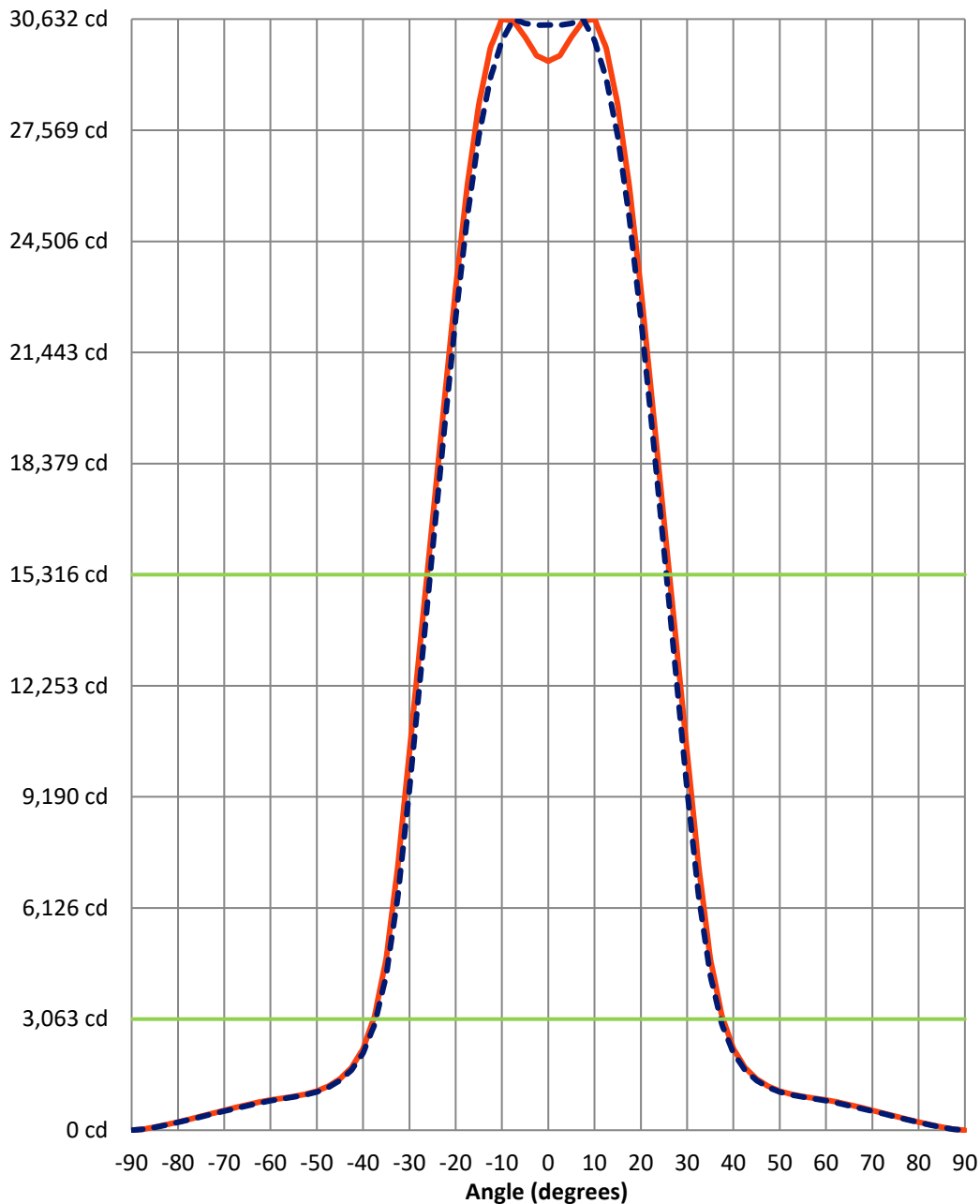
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 52.3°  
 Lumens: 17304.4  
 Efficiency: 66.4%

**Field:**  
 H Angle: 74.5°  
 V Angle: 75.5°  
 Lumens: 22500.6  
 Efficiency: 86.3%

**Spill:**  
 Lumens: 3570.4  
 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	1.2	2.3	3.5	4.7	5.8	6.9	8.5	10.1	11.8	13.6
85°	0.0	2.3	4.7	7.0	9.3	11.6	13.9	16.9	20.1	23.6	27.2
82.5°	0.0	3.5	7.0	10.5	13.9	17.4	20.8	25.3	30.7	38.8	46.3
80°	0.0	4.7	9.3	13.9	18.5	23.1	28.6	39.4	49.8	59.6	68.8
77.5°	0.0	5.8	11.6	17.4	23.1	31.2	43.6	56.4	68.7	80.3	92.7
75°	0.0	6.9	13.9	20.8	28.6	43.6	58.4	73.4	88.0	104.9	121.5
72.5°	0.0	8.1	16.1	24.1	38.4	55.9	73.1	91.0	111.0	130.6	150.0
70°	0.0	9.2	18.3	28.2	48.2	68.0	88.0	111.0	133.7	156.1	179.6
67.5°	0.0	10.3	20.5	35.4	57.7	79.9	104.7	130.6	156.1	182.3	209.1
65°	0.0	11.3	22.6	42.4	67.1	92.5	121.1	150.0	178.7	208.0	239.2
62.5°	0.0	12.4	24.7	49.3	76.3	105.7	137.1	169.0	200.7	233.9	271.5
60°	0.0	13.4	26.8	56.1	85.3	118.5	152.7	187.6	222.2	261.9	302.9
57.5°	0.0	14.4	31.1	62.7	95.2	131.0	168.3	205.6	245.5	289.2	332.6
55°	0.0	15.4	35.3	69.1	104.7	143.1	183.6	223.3	268.7	315.4	361.1
52.5°	0.0	16.3	39.3	75.4	114.0	154.9	198.5	242.7	291.1	340.3	388.7
50°	0.0	17.2	43.2	81.4	122.8	167.0	213.1	261.7	312.7	364.3	415.5
47.5°	0.0	18.1	47.0	87.3	131.4	178.9	227.4	279.9	333.3	387.6	441.4
45°	0.0	18.9	50.5	93.4	139.5	190.3	242.2	297.2	353.2	409.9	466.3
42.5°	0.0	19.8	53.9	99.2	147.3	201.3	256.4	313.7	372.1	431.3	489.8
40°	0.0	20.5	57.1	104.6	155.2	211.8	269.7	329.4	390.2	451.8	512.4
37.5°	0.0	21.3	60.1	109.6	163.2	221.9	282.4	344.1	407.6	471.5	534.1
35°	0.0	22.0	63.0	114.3	170.8	231.7	294.2	357.9	424.3	490.0	554.4
32.5°	0.0	22.6	65.6	118.7	177.9	240.9	305.3	370.7	440.0	507.1	572.3
30°	0.0	23.2	68.0	122.8	184.6	249.5	315.5	382.7	454.9	523.0	588.9
27.5°	0.0	23.8	70.2	126.6	190.6	257.5	324.8	394.6	468.4	537.4	604.3
25°	0.0	24.3	72.2	130.0	196.0	264.7	333.3	405.6	480.2	550.2	618.4
22.5°	0.0	24.8	74.0	133.1	200.9	271.1	341.0	415.6	490.8	561.5	631.1
20°	0.0	25.2	75.5	135.8	205.2	276.5	347.8	424.7	500.2	571.7	642.5
17.5°	0.0	25.6	76.9	138.2	209.0	281.3	353.9	432.7	508.3	580.5	652.4
15°	0.0	25.9	78.0	140.2	212.3	285.4	359.4	439.9	515.2	588.1	661.0
12.5°	0.0	26.2	79.0	141.9	215.0	288.7	364.1	446.3	521.3	594.4	668.0
10°	0.0	26.4	79.7	143.2	217.1	291.4	368.1	451.6	526.6	600.3	674.0
7.5°	0.0	26.6	80.2	144.1	218.6	293.3	371.2	455.7	530.7	605.0	679.3
5°	0.0	26.7	80.5	144.7	219.6	294.5	373.5	458.6	533.7	608.4	683.1
2.5°	0.0	26.8	80.5	144.9	220.0	295.0	374.8	460.4	535.5	610.4	685.4
0°	0.0	26.8	80.4	144.7	219.8	294.8	375.3	461.0	536.1	611.1	686.2
-2.5°	0.0	26.8	80.5	144.9	220.0	295.0	374.8	460.4	535.5	610.4	685.4
-5°	0.0	26.7	80.5	144.7	219.6	294.5	373.5	458.6	533.7	608.4	683.1
-7.5°	0.0	26.6	80.2	144.1	218.6	293.3	371.2	455.7	530.7	605.0	679.3
-10°	0.0	26.4	79.7	143.2	217.1	291.4	368.1	451.6	526.6	600.3	674.0
-12.5°	0.0	26.2	79.0	141.9	215.0	288.7	364.1	446.3	521.3	594.4	668.0
-15°	0.0	25.9	78.0	140.2	212.3	285.4	359.4	439.9	515.2	588.1	661.0
-17.5°	0.0	25.6	76.9	138.2	209.0	281.3	353.9	432.7	508.3	580.5	652.4
-20°	0.0	25.2	75.5	135.8	205.2	276.5	347.8	424.7	500.2	571.7	642.5

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CATALOG NUMBER: GFLD-SA4E-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	24.8	74.0	133.1	200.9	271.1	341.0	415.6	490.8	561.5	631.1
-25°	0.0	24.3	72.2	130.0	196.0	264.7	333.3	405.6	480.2	550.2	618.4
-27.5°	0.0	23.8	70.2	126.6	190.6	257.5	324.8	394.6	468.4	537.4	604.3
-30°	0.0	23.2	68.0	122.8	184.6	249.5	315.5	382.7	454.9	523.0	588.9
-32.5°	0.0	22.6	65.6	118.7	177.9	240.9	305.3	370.7	440.0	507.1	572.3
-35°	0.0	22.0	63.0	114.3	170.8	231.7	294.2	357.9	424.3	490.0	554.4
-37.5°	0.0	21.3	60.1	109.6	163.2	221.9	282.4	344.1	407.6	471.5	534.1
-40°	0.0	20.5	57.1	104.6	155.2	211.8	269.7	329.4	390.2	451.8	512.4
-42.5°	0.0	19.8	53.9	99.2	147.3	201.3	256.4	313.7	372.1	431.3	489.8
-45°	0.0	18.9	50.5	93.4	139.5	190.3	242.2	297.2	353.2	409.9	466.3
-47.5°	0.0	18.1	47.0	87.3	131.4	178.9	227.4	279.9	333.3	387.6	441.4
-50°	0.0	17.2	43.2	81.4	122.8	167.0	213.1	261.7	312.7	364.3	415.5
-52.5°	0.0	16.3	39.3	75.4	114.0	154.9	198.5	242.7	291.1	340.3	388.7
-55°	0.0	15.4	35.3	69.1	104.7	143.1	183.6	223.3	268.7	315.4	361.1
-57.5°	0.0	14.4	31.1	62.7	95.2	131.0	168.3	205.6	245.5	289.2	332.6
-60°	0.0	13.4	26.8	56.1	85.3	118.5	152.7	187.6	222.2	261.9	302.9
-62.5°	0.0	12.4	24.7	49.3	76.3	105.7	137.1	169.0	200.7	233.9	271.5
-65°	0.0	11.3	22.6	42.4	67.1	92.5	121.1	150.0	178.7	208.0	239.2
-67.5°	0.0	10.3	20.5	35.4	57.7	79.9	104.7	130.6	156.1	182.3	209.1
-70°	0.0	9.2	18.3	28.2	48.2	68.0	88.0	111.0	133.7	156.1	179.6
-72.5°	0.0	8.1	16.1	24.1	38.4	55.9	73.1	91.0	111.0	130.6	150.0
-75°	0.0	6.9	13.9	20.8	28.6	43.6	58.4	73.4	88.0	104.9	121.5
-77.5°	0.0	5.8	11.6	17.4	23.1	31.2	43.6	56.4	68.7	80.3	92.7
-80°	0.0	4.7	9.3	13.9	18.5	23.1	28.6	39.4	49.8	59.6	68.8
-82.5°	0.0	3.5	7.0	10.5	13.9	17.4	20.8	25.3	30.7	38.8	46.3
-85°	0.0	2.3	4.7	7.0	9.3	11.6	13.9	16.9	20.1	23.6	27.2
-87.5°	0.0	1.2	2.3	3.5	4.7	5.8	6.9	8.5	10.1	11.8	13.6
-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°	14.9	16.1	17.3	18.5	19.6	20.7	21.8	22.8	23.7	24.7	25.5
85°	29.7	32.2	36.4	40.8	45.0	49.0	52.8	56.5	60.1	63.5	66.7
82.5°	53.1	60.1	67.2	74.4	80.7	86.7	92.6	98.7	104.8	110.9	116.9
80°	78.2	87.8	98.9	109.4	118.6	127.4	135.8	144.0	152.8	162.3	171.8
77.5°	107.0	120.8	133.8	146.0	157.6	170.4	182.7	194.6	206.9	219.1	230.8
75°	138.0	153.8	170.3	186.6	202.5	217.8	232.8	248.0	263.5	278.8	293.5
72.5°	169.9	189.9	209.4	228.5	248.1	267.3	285.9	303.7	322.1	340.9	358.9
70°	203.1	225.9	250.0	273.2	295.4	317.8	340.4	362.2	383.6	405.3	426.9
67.5°	236.6	265.2	292.3	318.1	344.2	370.6	396.1	422.2	447.4	472.8	497.0
65°	273.4	304.7	334.4	363.9	393.6	424.5	454.6	483.7	513.0	541.3	566.8
62.5°	309.6	342.8	375.7	409.3	444.6	479.3	512.2	545.6	579.6	609.3	635.1
60°	342.8	379.7	416.5	454.7	493.8	531.1	568.1	604.4	641.0	675.1	696.1
57.5°	374.9	415.7	456.4	497.6	538.8	580.5	619.3	659.2	693.2	721.9	746.3
55°	406.2	450.5	493.8	537.1	581.5	625.1	667.3	705.2	738.4	762.4	786.0
52.5°	436.6	483.3	528.1	574.9	622.1	668.3	712.4	747.6	774.8	799.3	821.3
50°	466.1	513.6	560.9	611.6	661.5	710.4	751.8	782.6	810.4	834.2	857.3
47.5°	493.7	543.3	593.8	647.2	699.6	746.9	785.0	817.2	845.5	871.3	898.5
45°	520.3	572.9	626.3	681.4	734.9	780.7	817.4	852.1	878.6	907.6	938.9
42.5°	546.1	601.4	657.4	714.2	768.4	811.1	847.8	879.6	910.7	945.1	982.9
40°	570.7	628.3	686.7	745.8	799.8	837.7	873.6	907.3	945.1	986.1	1029.8
37.5°	593.8	653.5	714.1	775.6	823.0	862.0	898.8	936.4	980.3	1027.7	1087.1
35°	615.3	677.0	739.7	798.7	843.7	885.1	923.2	965.1	1016.5	1078.4	1154.5
32.5°	635.2	698.7	763.2	817.4	862.9	905.8	944.9	997.3	1058.9	1132.7	1240.4
30°	653.6	718.6	783.4	835.7	880.1	923.3	970.9	1029.8	1101.9	1209.6	1347.4
27.5°	670.7	736.7	799.2	851.0	895.5	940.0	995.7	1067.1	1162.1	1290.6	1461.9
25°	686.3	754.0	814.3	863.8	909.8	959.1	1019.7	1100.0	1224.9	1390.8	1622.3
22.5°	700.5	769.6	828.8	874.9	923.2	976.7	1047.3	1147.7	1291.7	1485.5	1784.1
20°	713.1	781.4	839.7	885.3	935.6	991.1	1071.9	1193.0	1366.6	1617.6	1998.8
17.5°	724.2	791.7	847.8	895.4	947.6	1007.5	1095.8	1232.2	1433.2	1732.8	2215.8
15°	733.7	800.5	854.7	904.0	958.1	1026.3	1129.1	1283.4	1510.5	1852.7	2404.9
12.5°	741.6	807.8	860.2	911.0	966.7	1042.0	1157.6	1331.8	1590.8	1999.9	2683.6
10°	747.8	813.5	864.5	916.5	973.5	1054.6	1180.7	1371.3	1657.3	2127.5	2921.4
7.5°	753.6	817.7	867.5	920.3	978.3	1063.9	1198.3	1401.8	1708.4	2227.7	3109.5
5°	757.8	820.2	869.2	922.5	982.4	1070.0	1210.3	1422.9	1743.6	2299.3	3241.9
2.5°	760.3	821.0	869.5	923.1	985.4	1072.8	1216.5	1434.6	1771.3	2333.2	3313.0
0°	761.2	820.2	868.5	922.1	986.4	1072.2	1216.9	1436.7	1785.2	2332.0	3323.7
-2.5°	760.3	821.0	869.5	923.1	985.4	1072.8	1216.5	1434.6	1771.3	2333.2	3313.0
-5°	757.8	820.2	869.2	922.5	982.4	1070.0	1210.3	1422.9	1743.6	2299.3	3241.9
-7.5°	753.6	817.7	867.5	920.3	978.3	1063.9	1198.3	1401.8	1708.4	2227.7	3109.5
-10°	747.8	813.5	864.5	916.5	973.5	1054.6	1180.7	1371.3	1657.3	2127.5	2921.4
-12.5°	741.6	807.8	860.2	911.0	966.7	1042.0	1157.6	1331.8	1590.8	1999.9	2683.6
-15°	733.7	800.5	854.7	904.0	958.1	1026.3	1129.1	1283.4	1510.5	1852.7	2404.9
-17.5°	724.2	791.7	847.8	895.4	947.6	1007.5	1095.8	1232.2	1433.2	1732.8	2215.8
-20°	713.1	781.4	839.7	885.3	935.6	991.1	1071.9	1193.0	1366.6	1617.6	1998.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627487 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-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°	700.5	769.6	828.8	874.9	923.2	976.7	1047.3	1147.7	1291.7	1485.5	1784.1
-25°	686.3	754.0	814.3	863.8	909.8	959.1	1019.7	1100.0	1224.9	1390.8	1622.3
-27.5°	670.7	736.7	799.2	851.0	895.5	940.0	995.7	1067.1	1162.1	1290.6	1461.9
-30°	653.6	718.6	783.4	835.7	880.1	923.3	970.9	1029.8	1101.9	1209.6	1347.4
-32.5°	635.2	698.7	763.2	817.4	862.9	905.8	944.9	997.3	1058.9	1132.7	1240.4
-35°	615.3	677.0	739.7	798.7	843.7	885.1	923.2	965.1	1016.5	1078.4	1154.5
-37.5°	593.8	653.5	714.1	775.6	823.0	862.0	898.8	936.4	980.3	1027.7	1087.1
-40°	570.7	628.3	686.7	745.8	799.8	837.7	873.6	907.3	945.1	986.1	1029.8
-42.5°	546.1	601.4	657.4	714.2	768.4	811.1	847.8	879.6	910.7	945.1	982.9
-45°	520.3	572.9	626.3	681.4	734.9	780.7	817.4	852.1	878.6	907.6	938.9
-47.5°	493.7	543.3	593.8	647.2	699.6	746.9	785.0	817.2	845.5	871.3	898.5
-50°	466.1	513.6	560.9	611.6	661.5	710.4	751.8	782.6	810.4	834.2	857.3
-52.5°	436.6	483.3	528.1	574.9	622.1	668.3	712.4	747.6	774.8	799.3	821.3
-55°	406.2	450.5	493.8	537.1	581.5	625.1	667.3	705.2	738.4	762.4	786.0
-57.5°	374.9	415.7	456.4	497.6	538.8	580.5	619.3	659.2	693.2	721.9	746.3
-60°	342.8	379.7	416.5	454.7	493.8	531.1	568.1	604.4	641.0	675.1	696.1
-62.5°	309.6	342.8	375.7	409.3	444.6	479.3	512.2	545.6	579.6	609.3	635.1
-65°	273.4	304.7	334.4	363.9	393.6	424.5	454.6	483.7	513.0	541.3	566.8
-67.5°	236.6	265.2	292.3	318.1	344.2	370.6	396.1	422.2	447.4	472.8	497.0
-70°	203.1	225.9	250.0	273.2	295.4	317.8	340.4	362.2	383.6	405.3	426.9
-72.5°	169.9	189.9	209.4	228.5	248.1	267.3	285.9	303.7	322.1	340.9	358.9
-75°	138.0	153.8	170.3	186.6	202.5	217.8	232.8	248.0	263.5	278.8	293.5
-77.5°	107.0	120.8	133.8	146.0	157.6	170.4	182.7	194.6	206.9	219.1	230.8
-80°	78.2	87.8	98.9	109.4	118.6	127.4	135.8	144.0	152.8	162.3	171.8
-82.5°	53.1	60.1	67.2	74.4	80.7	86.7	92.6	98.7	104.8	110.9	116.9
-85°	29.7	32.2	36.4	40.8	45.0	49.0	52.8	56.5	60.1	63.5	66.7
-87.5°	14.9	16.1	17.3	18.5	19.6	20.7	21.8	22.8	23.7	24.7	25.5
-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: P627487 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-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°	26.4	26.0	25.6	25.0	24.3	26.0	27.7	29.4	31.1	30.1	29.1
85°	69.8	71.3	72.7	73.8	74.8	78.1	81.3	84.3	87.0	87.0	86.7
82.5°	122.8	126.7	130.1	133.2	135.9	139.8	143.3	146.3	148.9	150.8	152.4
80°	180.9	187.4	192.9	197.8	202.3	207.5	212.2	216.5	220.2	222.2	223.5
77.5°	242.4	251.8	260.1	268.1	275.7	283.2	290.0	296.1	301.5	302.7	302.4
75°	307.4	320.0	331.8	342.8	352.9	361.6	368.9	375.1	380.1	382.6	384.0
72.5°	376.0	391.5	405.4	417.9	428.7	437.6	445.3	452.0	457.7	461.3	463.4
70°	447.5	465.8	480.1	491.9	501.1	509.9	519.9	529.4	538.4	543.4	545.3
67.5°	519.1	538.1	551.2	562.0	570.4	579.1	591.7	603.0	613.1	619.9	624.2
65°	589.3	609.3	622.4	632.7	640.5	649.3	663.3	674.5	683.0	689.8	696.0
62.5°	658.6	678.8	693.4	705.6	716.9	726.6	738.1	747.5	754.8	761.5	769.1
60°	718.7	742.6	758.0	770.3	784.3	799.4	807.9	814.9	821.0	826.4	831.1
57.5°	767.8	789.1	808.8	823.7	838.2	852.2	862.2	868.8	874.2	878.3	879.9
55°	808.8	830.8	852.8	868.9	883.2	896.3	907.3	916.0	923.2	928.8	930.1
52.5°	845.6	870.3	891.9	910.5	929.4	944.8	956.9	968.7	979.0	987.2	990.8
50°	885.6	911.5	938.5	963.4	983.5	1001.1	1015.8	1032.4	1049.9	1064.3	1073.5
47.5°	927.7	957.6	990.1	1020.8	1044.6	1070.7	1095.1	1119.8	1152.3	1179.6	1199.9
45°	971.8	1010.1	1047.2	1086.2	1119.1	1168.3	1214.1	1253.3	1305.5	1352.8	1390.4
42.5°	1023.7	1071.4	1117.0	1179.5	1244.9	1312.2	1384.9	1446.9	1528.5	1611.5	1678.5
40°	1085.3	1146.3	1226.5	1310.5	1413.8	1506.3	1631.7	1743.5	1868.7	2027.0	2157.7
37.5°	1159.5	1253.4	1365.0	1482.0	1643.1	1797.0	2004.4	2223.0	2421.3	2725.7	2981.8
35°	1255.8	1387.2	1534.1	1741.1	1969.1	2257.5	2581.0	3003.2	3365.2	3878.7	4369.5
32.5°	1379.9	1548.8	1788.7	2108.3	2445.3	2968.9	3482.3	4215.3	4894.0	5707.9	6586.3
30°	1518.0	1775.0	2141.6	2580.0	3208.6	3978.9	4883.9	6009.7	7241.7	8385.6	9512.9
27.5°	1718.2	2086.4	2568.0	3275.4	4255.1	5332.8	6918.4	8446.5	10040.9	11458.2	12640.2
25°	1951.9	2438.5	3183.2	4224.8	5549.8	7395.2	9293.2	11179.3	12893.9	14377.7	15683.7
22.5°	2253.6	2953.5	3946.3	5295.4	7358.7	9570.5	11796.2	13876.6	15705.6	17357.9	18771.6
20°	2581.9	3457.6	4875.4	6887.2	9246.7	11766.6	14279.7	16495.7	18509.6	20383.0	21976.4
17.5°	2997.9	4224.3	6019.7	8433.1	11161.0	13921.9	16562.1	18966.9	21251.7	23234.1	24898.9
15°	3352.5	4899.5	7242.7	10073.2	13023.8	15936.2	18723.5	21335.6	23711.2	25745.1	27310.2
12.5°	3825.4	5656.3	8328.6	11483.2	14680.6	17745.1	20681.0	23380.8	25798.3	27809.9	29028.2
10°	4272.4	6439.7	9378.1	12667.9	15989.8	19254.8	22389.6	25158.6	27403.0	29003.2	30041.5
7.5°	4652.4	7113.0	10231.9	13625.5	17030.0	20443.6	23616.8	26310.9	28380.4	29716.8	30439.6
5°	4936.2	7616.4	10865.5	14403.7	17897.1	21370.7	24519.1	27048.2	28836.9	29829.6	30192.5
2.5°	5117.1	7911.9	11233.3	14914.2	18477.5	21957.2	25138.0	27627.5	29145.0	29803.1	29865.6
0°	5189.3	7950.2	11290.0	15182.0	18623.7	22124.3	25314.1	27865.8	29259.7	29801.1	29790.4
-2.5°	5117.1	7911.9	11233.3	14914.2	18477.5	21957.2	25138.0	27627.5	29145.0	29803.1	29865.6
-5°	4936.2	7616.4	10865.5	14403.7	17897.1	21370.7	24519.1	27048.2	28836.9	29829.6	30192.5
-7.5°	4652.4	7113.0	10231.9	13625.5	17030.0	20443.6	23616.8	26310.9	28380.4	29716.8	30439.6
-10°	4272.4	6439.7	9378.1	12667.9	15989.8	19254.8	22389.6	25158.6	27403.0	29003.2	30041.5
-12.5°	3825.4	5656.3	8328.6	11483.2	14680.6	17745.1	20681.0	23380.8	25798.3	27809.9	29028.2
-15°	3352.5	4899.5	7242.7	10073.2	13023.8	15936.2	18723.5	21335.6	23711.2	25745.1	27310.2
-17.5°	2997.9	4224.3	6019.7	8433.1	11161.0	13921.9	16562.1	18966.9	21251.7	23234.1	24898.9
-20°	2581.9	3457.6	4875.4	6887.2	9246.7	11766.6	14279.7	16495.7	18509.6	20383.0	21976.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627487 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-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°	2253.6	2953.5	3946.3	5295.4	7358.7	9570.5	11796.2	13876.6	15705.6	17357.9	18771.6
-25°	1951.9	2438.5	3183.2	4224.8	5549.8	7395.2	9293.2	11179.3	12893.9	14377.7	15683.7
-27.5°	1718.2	2086.4	2568.0	3275.4	4255.1	5332.8	6918.4	8446.5	10040.9	11458.2	12640.2
-30°	1518.0	1775.0	2141.6	2580.0	3208.6	3978.9	4883.9	6009.7	7241.7	8385.6	9512.9
-32.5°	1379.9	1548.8	1788.7	2108.3	2445.3	2968.9	3482.3	4215.3	4894.0	5707.9	6586.3
-35°	1255.8	1387.2	1534.1	1741.1	1969.1	2257.5	2581.0	3003.2	3365.2	3878.7	4369.5
-37.5°	1159.5	1253.4	1365.0	1482.0	1643.1	1797.0	2004.4	2223.0	2421.3	2725.7	2981.8
-40°	1085.3	1146.3	1226.5	1310.5	1413.8	1506.3	1631.7	1743.5	1868.7	2027.0	2157.7
-42.5°	1023.7	1071.4	1117.0	1179.5	1244.9	1312.2	1384.9	1446.9	1528.5	1611.5	1678.5
-45°	971.8	1010.1	1047.2	1086.2	1119.1	1168.3	1214.1	1253.3	1305.5	1352.8	1390.4
-47.5°	927.7	957.6	990.1	1020.8	1044.6	1070.7	1095.1	1119.8	1152.3	1179.6	1199.9
-50°	885.6	911.5	938.5	963.4	983.5	1001.1	1015.8	1032.4	1049.9	1064.3	1073.5
-52.5°	845.6	870.3	891.9	910.5	929.4	944.8	956.9	968.7	979.0	987.2	990.8
-55°	808.8	830.8	852.8	868.9	883.2	896.3	907.3	916.0	923.2	928.8	930.1
-57.5°	767.8	789.1	808.8	823.7	838.2	852.2	862.2	868.8	874.2	878.3	879.9
-60°	718.7	742.6	758.0	770.3	784.3	799.4	807.9	814.9	821.0	826.4	831.1
-62.5°	658.6	678.8	693.4	705.6	716.9	726.6	738.1	747.5	754.8	761.5	769.1
-65°	589.3	609.3	622.4	632.7	640.5	649.3	663.3	674.5	683.0	689.8	696.0
-67.5°	519.1	538.1	551.2	562.0	570.4	579.1	591.7	603.0	613.1	619.9	624.2
-70°	447.5	465.8	480.1	491.9	501.1	509.9	519.9	529.4	538.4	543.4	545.3
-72.5°	376.0	391.5	405.4	417.9	428.7	437.6	445.3	452.0	457.7	461.3	463.4
-75°	307.4	320.0	331.8	342.8	352.9	361.6	368.9	375.1	380.1	382.6	384.0
-77.5°	242.4	251.8	260.1	268.1	275.7	283.2	290.0	296.1	301.5	302.7	302.4
-80°	180.9	187.4	192.9	197.8	202.3	207.5	212.2	216.5	220.2	222.2	223.5
-82.5°	122.8	126.7	130.1	133.2	135.9	139.8	143.3	146.3	148.9	150.8	152.4
-85°	69.8	71.3	72.7	73.8	74.8	78.1	81.3	84.3	87.0	87.0	86.7
-87.5°	26.4	26.0	25.6	25.0	24.3	26.0	27.7	29.4	31.1	30.1	29.1
-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: P627487 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-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°	27.9	26.7	26.8	26.8	26.8	26.7	27.9	29.1	30.1	31.1	29.4
85°	86.1	85.4	83.0	80.4	83.0	85.4	86.1	86.7	87.0	87.0	84.3
82.5°	153.7	154.7	152.6	150.1	152.6	154.7	153.7	152.4	150.8	148.9	146.3
80°	224.1	224.2	222.3	219.8	222.3	224.2	224.1	223.5	222.2	220.2	216.5
77.5°	301.1	298.9	299.8	300.2	299.8	298.9	301.1	302.4	302.7	301.5	296.1
75°	384.5	384.2	382.9	380.6	382.9	384.2	384.5	384.0	382.6	380.1	375.1
72.5°	464.5	464.4	463.3	461.0	463.3	464.4	464.5	463.4	461.3	457.7	452.0
70°	545.7	544.8	546.1	546.8	546.1	544.8	545.7	545.3	543.4	538.4	529.4
67.5°	627.6	629.7	629.4	627.2	629.4	629.7	627.6	624.2	619.9	613.1	603.0
65°	700.9	704.6	706.8	707.6	706.8	704.6	700.9	696.0	689.8	683.0	674.5
62.5°	775.0	779.3	779.5	777.3	779.5	779.3	775.0	769.1	761.5	754.8	747.5
60°	833.7	834.4	833.3	830.9	833.3	834.4	833.7	831.1	826.4	821.0	814.9
57.5°	879.8	878.3	876.4	873.8	876.4	878.3	879.8	879.9	878.3	874.2	868.8
55°	929.4	926.8	924.6	922.1	924.6	926.8	929.4	930.1	928.8	923.2	916.0
52.5°	991.6	990.3	988.7	986.4	988.7	990.3	991.6	990.8	987.2	979.0	968.7
50°	1078.1	1079.5	1079.4	1077.5	1079.4	1079.5	1078.1	1073.5	1064.3	1049.9	1032.4
47.5°	1212.7	1219.9	1224.7	1227.6	1224.7	1219.9	1212.7	1199.9	1179.6	1152.3	1119.8
45°	1414.5	1428.8	1438.9	1447.4	1438.9	1428.8	1414.5	1390.4	1352.8	1305.5	1253.3
42.5°	1725.7	1757.8	1773.0	1769.1	1773.0	1757.8	1725.7	1678.5	1611.5	1528.5	1446.9
40°	2244.8	2296.6	2325.2	2348.1	2325.2	2296.6	2244.8	2157.7	2027.0	1868.7	1743.5
37.5°	3156.7	3257.1	3310.0	3355.9	3310.0	3257.1	3156.7	2981.8	2725.7	2421.3	2223.0
35°	4736.1	4962.0	5082.9	5125.0	5082.9	4962.0	4736.1	4369.5	3878.7	3365.2	3003.2
32.5°	7269.8	7686.5	7916.9	8094.9	7916.9	7686.5	7269.8	6586.3	5707.9	4894.0	4215.3
30°	10405.5	10954.3	11259.1	11407.9	11259.1	10954.3	10405.5	9512.9	8385.6	7241.7	6009.7
27.5°	13620.0	14243.9	14572.5	14554.8	14572.5	14243.9	13620.0	12640.2	11458.2	10040.9	8446.5
25°	16803.4	17526.0	17853.4	18146.6	17853.4	17526.0	16803.4	15683.7	14377.7	12893.9	11179.3
22.5°	20023.0	20868.1	21329.1	21545.4	21329.1	20868.1	20023.0	18771.6	17357.9	15705.6	13876.6
20°	23204.4	24145.1	24634.6	24847.7	24634.6	24145.1	23204.4	21976.4	20383.0	18509.6	16495.7
17.5°	26025.9	26944.2	27410.8	27608.5	27410.8	26944.2	26025.9	24898.9	23234.1	21251.7	18966.9
15°	28278.8	28956.2	29352.9	29458.0	29352.9	28956.2	28278.8	27310.2	25745.1	23711.2	21335.6
12.5°	29836.1	30098.5	30289.3	30347.9	30289.3	30098.5	29836.1	29028.2	27809.9	25798.3	23380.8
10°	30632.3	30514.0	30465.0	30471.2	30465.0	30514.0	30632.3	30041.5	29003.2	27403.0	25158.6
7.5°	30577.5	30402.2	30050.2	29994.1	30050.2	30402.2	30577.5	30439.6	29716.8	28380.4	26310.9
5°	30138.3	29819.0	29234.7	29066.7	29234.7	29819.0	30138.3	30192.5	29829.6	28836.9	27048.2
2.5°	29626.2	29050.9	28512.4	28166.0	28512.4	29050.9	29626.2	29865.6	29803.1	29145.0	27627.5
0°	29474.1	28809.4	28112.4	27887.3	28112.4	28809.4	29474.1	29790.4	29801.1	29259.7	27865.8
-2.5°	29626.2	29050.9	28512.4	28166.0	28512.4	29050.9	29626.2	29865.6	29803.1	29145.0	27627.5
-5°	30138.3	29819.0	29234.7	29066.7	29234.7	29819.0	30138.3	30192.5	29829.6	28836.9	27048.2
-7.5°	30577.5	30402.2	30050.2	29994.1	30050.2	30402.2	30577.5	30439.6	29716.8	28380.4	26310.9
-10°	30632.3	30514.0	30465.0	30471.2	30465.0	30514.0	30632.3	30041.5	29003.2	27403.0	25158.6
-12.5°	29836.1	30098.5	30289.3	30347.9	30289.3	30098.5	29836.1	29028.2	27809.9	25798.3	23380.8
-15°	28278.8	28956.2	29352.9	29458.0	29352.9	28956.2	28278.8	27310.2	25745.1	23711.2	21335.6
-17.5°	26025.9	26944.2	27410.8	27608.5	27410.8	26944.2	26025.9	24898.9	23234.1	21251.7	18966.9
-20°	23204.4	24145.1	24634.6	24847.7	24634.6	24145.1	23204.4	21976.4	20383.0	18509.6	16495.7



REPORT NUMBER: P627487 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-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°	20023.0	20868.1	21329.1	21545.4	21329.1	20868.1	20023.0	18771.6	17357.9	15705.6	13876.6
-25°	16803.4	17526.0	17853.4	18146.6	17853.4	17526.0	16803.4	15683.7	14377.7	12893.9	11179.3
-27.5°	13620.0	14243.9	14572.5	14554.8	14572.5	14243.9	13620.0	12640.2	11458.2	10040.9	8446.5
-30°	10405.5	10954.3	11259.1	11407.9	11259.1	10954.3	10405.5	9512.9	8385.6	7241.7	6009.7
-32.5°	7269.8	7686.5	7916.9	8094.9	7916.9	7686.5	7269.8	6586.3	5707.9	4894.0	4215.3
-35°	4736.1	4962.0	5082.9	5125.0	5082.9	4962.0	4736.1	4369.5	3878.7	3365.2	3003.2
-37.5°	3156.7	3257.1	3310.0	3355.9	3310.0	3257.1	3156.7	2981.8	2725.7	2421.3	2223.0
-40°	2244.8	2296.6	2325.2	2348.1	2325.2	2296.6	2244.8	2157.7	2027.0	1868.7	1743.5
-42.5°	1725.7	1757.8	1773.0	1769.1	1773.0	1757.8	1725.7	1678.5	1611.5	1528.5	1446.9
-45°	1414.5	1428.8	1438.9	1447.4	1438.9	1428.8	1414.5	1390.4	1352.8	1305.5	1253.3
-47.5°	1212.7	1219.9	1224.7	1227.6	1224.7	1219.9	1212.7	1199.9	1179.6	1152.3	1119.8
-50°	1078.1	1079.5	1079.4	1077.5	1079.4	1079.5	1078.1	1073.5	1064.3	1049.9	1032.4
-52.5°	991.6	990.3	988.7	986.4	988.7	990.3	991.6	990.8	987.2	979.0	968.7
-55°	929.4	926.8	924.6	922.1	924.6	926.8	929.4	930.1	928.8	923.2	916.0
-57.5°	879.8	878.3	876.4	873.8	876.4	878.3	879.8	879.9	878.3	874.2	868.8
-60°	833.7	834.4	833.3	830.9	833.3	834.4	833.7	831.1	826.4	821.0	814.9
-62.5°	775.0	779.3	779.5	777.3	779.5	779.3	775.0	769.1	761.5	754.8	747.5
-65°	700.9	704.6	706.8	707.6	706.8	704.6	700.9	696.0	689.8	683.0	674.5
-67.5°	627.6	629.7	629.4	627.2	629.4	629.7	627.6	624.2	619.9	613.1	603.0
-70°	545.7	544.8	546.1	546.8	546.1	544.8	545.7	545.3	543.4	538.4	529.4
-72.5°	464.5	464.4	463.3	461.0	463.3	464.4	464.5	463.4	461.3	457.7	452.0
-75°	384.5	384.2	382.9	380.6	382.9	384.2	384.5	384.0	382.6	380.1	375.1
-77.5°	301.1	298.9	299.8	300.2	299.8	298.9	301.1	302.4	302.7	301.5	296.1
-80°	224.1	224.2	222.3	219.8	222.3	224.2	224.1	223.5	222.2	220.2	216.5
-82.5°	153.7	154.7	152.6	150.1	152.6	154.7	153.7	152.4	150.8	148.9	146.3
-85°	86.1	85.4	83.0	80.4	83.0	85.4	86.1	86.7	87.0	87.0	84.3
-87.5°	27.9	26.7	26.8	26.8	26.8	26.7	27.9	29.1	30.1	31.1	29.4
-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: P627487 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-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°	27.7	26.0	24.3	25.0	25.6	26.0	26.4	25.5	24.7	23.7	22.8
85°	81.3	78.1	74.8	73.8	72.7	71.3	69.8	66.7	63.5	60.1	56.5
82.5°	143.3	139.8	135.9	133.2	130.1	126.7	122.8	116.9	110.9	104.8	98.7
80°	212.2	207.5	202.3	197.8	192.9	187.4	180.9	171.8	162.3	152.8	144.0
77.5°	290.0	283.2	275.7	268.1	260.1	251.8	242.4	230.8	219.1	206.9	194.6
75°	368.9	361.6	352.9	342.8	331.8	320.0	307.4	293.5	278.8	263.5	248.0
72.5°	445.3	437.6	428.7	417.9	405.4	391.5	376.0	358.9	340.9	322.1	303.7
70°	519.9	509.9	501.1	491.9	480.1	465.8	447.5	426.9	405.3	383.6	362.2
67.5°	591.7	579.1	570.4	562.0	551.2	538.1	519.1	497.0	472.8	447.4	422.2
65°	663.3	649.3	640.5	632.7	622.4	609.3	589.3	566.8	541.3	513.0	483.7
62.5°	738.1	726.6	716.9	705.6	693.4	678.8	658.6	635.1	609.3	579.6	545.6
60°	807.9	799.4	784.3	770.3	758.0	742.6	718.7	696.1	675.1	641.0	604.4
57.5°	862.2	852.2	838.2	823.7	808.8	789.1	767.8	746.3	721.9	693.2	659.2
55°	907.3	896.3	883.2	868.9	852.8	830.8	808.8	786.0	762.4	738.4	705.2
52.5°	956.9	944.8	929.4	910.5	891.9	870.3	845.6	821.3	799.3	774.8	747.6
50°	1015.8	1001.1	983.5	963.4	938.5	911.5	885.6	857.3	834.2	810.4	782.6
47.5°	1095.1	1070.7	1044.6	1020.8	990.1	957.6	927.7	898.5	871.3	845.5	817.2
45°	1214.1	1168.3	1119.1	1086.2	1047.2	1010.1	971.8	938.9	907.6	878.6	852.1
42.5°	1384.9	1312.2	1244.9	1179.5	1117.0	1071.4	1023.7	982.9	945.1	910.7	879.6
40°	1631.7	1506.3	1413.8	1310.5	1226.5	1146.3	1085.3	1029.8	986.1	945.1	907.3
37.5°	2004.4	1797.0	1643.1	1482.0	1365.0	1253.4	1159.5	1087.1	1027.7	980.3	936.4
35°	2581.0	2257.5	1969.1	1741.1	1534.1	1387.2	1255.8	1154.5	1078.4	1016.5	965.1
32.5°	3482.3	2968.9	2445.3	2108.3	1788.7	1548.8	1379.9	1240.4	1132.7	1058.9	997.3
30°	4883.9	3978.9	3208.6	2580.0	2141.6	1775.0	1518.0	1347.4	1209.6	1101.9	1029.8
27.5°	6918.4	5332.8	4255.1	3275.4	2568.0	2086.4	1718.2	1461.9	1290.6	1162.1	1067.1
25°	9293.2	7395.2	5549.8	4224.8	3183.2	2438.5	1951.9	1622.3	1390.8	1224.9	1100.0
22.5°	11796.2	9570.5	7358.7	5295.4	3946.3	2953.5	2253.6	1784.1	1485.5	1291.7	1147.7
20°	14279.7	11766.6	9246.7	6887.2	4875.4	3457.6	2581.9	1998.8	1617.6	1366.6	1193.0
17.5°	16562.1	13921.9	11161.0	8433.1	6019.7	4224.3	2997.9	2215.8	1732.8	1433.2	1232.2
15°	18723.5	15936.2	13023.8	10073.2	7242.7	4899.5	3352.5	2404.9	1852.7	1510.5	1283.4
12.5°	20681.0	17745.1	14680.6	11483.2	8328.6	5656.3	3825.4	2683.6	1999.9	1590.8	1331.8
10°	22389.6	19254.8	15989.8	12667.9	9378.1	6439.7	4272.4	2921.4	2127.5	1657.3	1371.3
7.5°	23616.8	20443.6	17030.0	13625.5	10231.9	7113.0	4652.4	3109.5	2227.7	1708.4	1401.8
5°	24519.1	21370.7	17897.1	14403.7	10865.5	7616.4	4936.2	3241.9	2299.3	1743.6	1422.9
2.5°	25138.0	21957.2	18477.5	14914.2	11233.3	7911.9	5117.1	3313.0	2333.2	1771.3	1434.6
0°	25314.1	22124.3	18623.7	15182.0	11290.0	7950.2	5189.3	3323.7	2332.0	1785.2	1436.7
-2.5°	25138.0	21957.2	18477.5	14914.2	11233.3	7911.9	5117.1	3313.0	2333.2	1771.3	1434.6
-5°	24519.1	21370.7	17897.1	14403.7	10865.5	7616.4	4936.2	3241.9	2299.3	1743.6	1422.9
-7.5°	23616.8	20443.6	17030.0	13625.5	10231.9	7113.0	4652.4	3109.5	2227.7	1708.4	1401.8
-10°	22389.6	19254.8	15989.8	12667.9	9378.1	6439.7	4272.4	2921.4	2127.5	1657.3	1371.3
-12.5°	20681.0	17745.1	14680.6	11483.2	8328.6	5656.3	3825.4	2683.6	1999.9	1590.8	1331.8
-15°	18723.5	15936.2	13023.8	10073.2	7242.7	4899.5	3352.5	2404.9	1852.7	1510.5	1283.4
-17.5°	16562.1	13921.9	11161.0	8433.1	6019.7	4224.3	2997.9	2215.8	1732.8	1433.2	1232.2
-20°	14279.7	11766.6	9246.7	6887.2	4875.4	3457.6	2581.9	1998.8	1617.6	1366.6	1193.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627487 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-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°	11796.2	9570.5	7358.7	5295.4	3946.3	2953.5	2253.6	1784.1	1485.5	1291.7	1147.7
-25°	9293.2	7395.2	5549.8	4224.8	3183.2	2438.5	1951.9	1622.3	1390.8	1224.9	1100.0
-27.5°	6918.4	5332.8	4255.1	3275.4	2568.0	2086.4	1718.2	1461.9	1290.6	1162.1	1067.1
-30°	4883.9	3978.9	3208.6	2580.0	2141.6	1775.0	1518.0	1347.4	1209.6	1101.9	1029.8
-32.5°	3482.3	2968.9	2445.3	2108.3	1788.7	1548.8	1379.9	1240.4	1132.7	1058.9	997.3
-35°	2581.0	2257.5	1969.1	1741.1	1534.1	1387.2	1255.8	1154.5	1078.4	1016.5	965.1
-37.5°	2004.4	1797.0	1643.1	1482.0	1365.0	1253.4	1159.5	1087.1	1027.7	980.3	936.4
-40°	1631.7	1506.3	1413.8	1310.5	1226.5	1146.3	1085.3	1029.8	986.1	945.1	907.3
-42.5°	1384.9	1312.2	1244.9	1179.5	1117.0	1071.4	1023.7	982.9	945.1	910.7	879.6
-45°	1214.1	1168.3	1119.1	1086.2	1047.2	1010.1	971.8	938.9	907.6	878.6	852.1
-47.5°	1095.1	1070.7	1044.6	1020.8	990.1	957.6	927.7	898.5	871.3	845.5	817.2
-50°	1015.8	1001.1	983.5	963.4	938.5	911.5	885.6	857.3	834.2	810.4	782.6
-52.5°	956.9	944.8	929.4	910.5	891.9	870.3	845.6	821.3	799.3	774.8	747.6
-55°	907.3	896.3	883.2	868.9	852.8	830.8	808.8	786.0	762.4	738.4	705.2
-57.5°	862.2	852.2	838.2	823.7	808.8	789.1	767.8	746.3	721.9	693.2	659.2
-60°	807.9	799.4	784.3	770.3	758.0	742.6	718.7	696.1	675.1	641.0	604.4
-62.5°	738.1	726.6	716.9	705.6	693.4	678.8	658.6	635.1	609.3	579.6	545.6
-65°	663.3	649.3	640.5	632.7	622.4	609.3	589.3	566.8	541.3	513.0	483.7
-67.5°	591.7	579.1	570.4	562.0	551.2	538.1	519.1	497.0	472.8	447.4	422.2
-70°	519.9	509.9	501.1	491.9	480.1	465.8	447.5	426.9	405.3	383.6	362.2
-72.5°	445.3	437.6	428.7	417.9	405.4	391.5	376.0	358.9	340.9	322.1	303.7
-75°	368.9	361.6	352.9	342.8	331.8	320.0	307.4	293.5	278.8	263.5	248.0
-77.5°	290.0	283.2	275.7	268.1	260.1	251.8	242.4	230.8	219.1	206.9	194.6
-80°	212.2	207.5	202.3	197.8	192.9	187.4	180.9	171.8	162.3	152.8	144.0
-82.5°	143.3	139.8	135.9	133.2	130.1	126.7	122.8	116.9	110.9	104.8	98.7
-85°	81.3	78.1	74.8	73.8	72.7	71.3	69.8	66.7	63.5	60.1	56.5
-87.5°	27.7	26.0	24.3	25.0	25.6	26.0	26.4	25.5	24.7	23.7	22.8
-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: P627487 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-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°	21.8	20.7	19.6	18.5	17.3	16.1	14.9	13.6	11.8	10.1	8.5
85°	52.8	49.0	45.0	40.8	36.4	32.2	29.7	27.2	23.6	20.1	16.9
82.5°	92.6	86.7	80.7	74.4	67.2	60.1	53.1	46.3	38.8	30.7	25.3
80°	135.8	127.4	118.6	109.4	98.9	87.8	78.2	68.8	59.6	49.8	39.4
77.5°	182.7	170.4	157.6	146.0	133.8	120.8	107.0	92.7	80.3	68.7	56.4
75°	232.8	217.8	202.5	186.6	170.3	153.8	138.0	121.5	104.9	88.0	73.4
72.5°	285.9	267.3	248.1	228.5	209.4	189.9	169.9	150.0	130.6	111.0	91.0
70°	340.4	317.8	295.4	273.2	250.0	225.9	203.1	179.6	156.1	133.7	111.0
67.5°	396.1	370.6	344.2	318.1	292.3	265.2	236.6	209.1	182.3	156.1	130.6
65°	454.6	424.5	393.6	363.9	334.4	304.7	273.4	239.2	208.0	178.7	150.0
62.5°	512.2	479.3	444.6	409.3	375.7	342.8	309.6	271.5	233.9	200.7	169.0
60°	568.1	531.1	493.8	454.7	416.5	379.7	342.8	302.9	261.9	222.2	187.6
57.5°	619.3	580.5	538.8	497.6	456.4	415.7	374.9	332.6	289.2	245.5	205.6
55°	667.3	625.1	581.5	537.1	493.8	450.5	406.2	361.1	315.4	268.7	223.3
52.5°	712.4	668.3	622.1	574.9	528.1	483.3	436.6	388.7	340.3	291.1	242.7
50°	751.8	710.4	661.5	611.6	560.9	513.6	466.1	415.5	364.3	312.7	261.7
47.5°	785.0	746.9	699.6	647.2	593.8	543.3	493.7	441.4	387.6	333.3	279.9
45°	817.4	780.7	734.9	681.4	626.3	572.9	520.3	466.3	409.9	353.2	297.2
42.5°	847.8	811.1	768.4	714.2	657.4	601.4	546.1	489.8	431.3	372.1	313.7
40°	873.6	837.7	799.8	745.8	686.7	628.3	570.7	512.4	451.8	390.2	329.4
37.5°	898.8	862.0	823.0	775.6	714.1	653.5	593.8	534.1	471.5	407.6	344.1
35°	923.2	885.1	843.7	798.7	739.7	677.0	615.3	554.4	490.0	424.3	357.9
32.5°	944.9	905.8	862.9	817.4	763.2	698.7	635.2	572.3	507.1	440.0	370.7
30°	970.9	923.3	880.1	835.7	783.4	718.6	653.6	588.9	523.0	454.9	382.7
27.5°	995.7	940.0	895.5	851.0	799.2	736.7	670.7	604.3	537.4	468.4	394.6
25°	1019.7	959.1	909.8	863.8	814.3	754.0	686.3	618.4	550.2	480.2	405.6
22.5°	1047.3	976.7	923.2	874.9	828.8	769.6	700.5	631.1	561.5	490.8	415.6
20°	1071.9	991.1	935.6	885.3	839.7	781.4	713.1	642.5	571.7	500.2	424.7
17.5°	1095.8	1007.5	947.6	895.4	847.8	791.7	724.2	652.4	580.5	508.3	432.7
15°	1129.1	1026.3	958.1	904.0	854.7	800.5	733.7	661.0	588.1	515.2	439.9
12.5°	1157.6	1042.0	966.7	911.0	860.2	807.8	741.6	668.0	594.4	521.3	446.3
10°	1180.7	1054.6	973.5	916.5	864.5	813.5	747.8	674.0	600.3	526.6	451.6
7.5°	1198.3	1063.9	978.3	920.3	867.5	817.7	753.6	679.3	605.0	530.7	455.7
5°	1210.3	1070.0	982.4	922.5	869.2	820.2	757.8	683.1	608.4	533.7	458.6
2.5°	1216.5	1072.8	985.4	923.1	869.5	821.0	760.3	685.4	610.4	535.5	460.4
0°	1216.9	1072.2	986.4	922.1	868.5	820.2	761.2	686.2	611.1	536.1	461.0
-2.5°	1216.5	1072.8	985.4	923.1	869.5	821.0	760.3	685.4	610.4	535.5	460.4
-5°	1210.3	1070.0	982.4	922.5	869.2	820.2	757.8	683.1	608.4	533.7	458.6
-7.5°	1198.3	1063.9	978.3	920.3	867.5	817.7	753.6	679.3	605.0	530.7	455.7
-10°	1180.7	1054.6	973.5	916.5	864.5	813.5	747.8	674.0	600.3	526.6	451.6
-12.5°	1157.6	1042.0	966.7	911.0	860.2	807.8	741.6	668.0	594.4	521.3	446.3
-15°	1129.1	1026.3	958.1	904.0	854.7	800.5	733.7	661.0	588.1	515.2	439.9
-17.5°	1095.8	1007.5	947.6	895.4	847.8	791.7	724.2	652.4	580.5	508.3	432.7
-20°	1071.9	991.1	935.6	885.3	839.7	781.4	713.1	642.5	571.7	500.2	424.7

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Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

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REPORT NUMBER: P627487 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-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°	1047.3	976.7	923.2	874.9	828.8	769.6	700.5	631.1	561.5	490.8	415.6
-25°	1019.7	959.1	909.8	863.8	814.3	754.0	686.3	618.4	550.2	480.2	405.6
-27.5°	995.7	940.0	895.5	851.0	799.2	736.7	670.7	604.3	537.4	468.4	394.6
-30°	970.9	923.3	880.1	835.7	783.4	718.6	653.6	588.9	523.0	454.9	382.7
-32.5°	944.9	905.8	862.9	817.4	763.2	698.7	635.2	572.3	507.1	440.0	370.7
-35°	923.2	885.1	843.7	798.7	739.7	677.0	615.3	554.4	490.0	424.3	357.9
-37.5°	898.8	862.0	823.0	775.6	714.1	653.5	593.8	534.1	471.5	407.6	344.1
-40°	873.6	837.7	799.8	745.8	686.7	628.3	570.7	512.4	451.8	390.2	329.4
-42.5°	847.8	811.1	768.4	714.2	657.4	601.4	546.1	489.8	431.3	372.1	313.7
-45°	817.4	780.7	734.9	681.4	626.3	572.9	520.3	466.3	409.9	353.2	297.2
-47.5°	785.0	746.9	699.6	647.2	593.8	543.3	493.7	441.4	387.6	333.3	279.9
-50°	751.8	710.4	661.5	611.6	560.9	513.6	466.1	415.5	364.3	312.7	261.7
-52.5°	712.4	668.3	622.1	574.9	528.1	483.3	436.6	388.7	340.3	291.1	242.7
-55°	667.3	625.1	581.5	537.1	493.8	450.5	406.2	361.1	315.4	268.7	223.3
-57.5°	619.3	580.5	538.8	497.6	456.4	415.7	374.9	332.6	289.2	245.5	205.6
-60°	568.1	531.1	493.8	454.7	416.5	379.7	342.8	302.9	261.9	222.2	187.6
-62.5°	512.2	479.3	444.6	409.3	375.7	342.8	309.6	271.5	233.9	200.7	169.0
-65°	454.6	424.5	393.6	363.9	334.4	304.7	273.4	239.2	208.0	178.7	150.0
-67.5°	396.1	370.6	344.2	318.1	292.3	265.2	236.6	209.1	182.3	156.1	130.6
-70°	340.4	317.8	295.4	273.2	250.0	225.9	203.1	179.6	156.1	133.7	111.0
-72.5°	285.9	267.3	248.1	228.5	209.4	189.9	169.9	150.0	130.6	111.0	91.0
-75°	232.8	217.8	202.5	186.6	170.3	153.8	138.0	121.5	104.9	88.0	73.4
-77.5°	182.7	170.4	157.6	146.0	133.8	120.8	107.0	92.7	80.3	68.7	56.4
-80°	135.8	127.4	118.6	109.4	98.9	87.8	78.2	68.8	59.6	49.8	39.4
-82.5°	92.6	86.7	80.7	74.4	67.2	60.1	53.1	46.3	38.8	30.7	25.3
-85°	52.8	49.0	45.0	40.8	36.4	32.2	29.7	27.2	23.6	20.1	16.9
-87.5°	21.8	20.7	19.6	18.5	17.3	16.1	14.9	13.6	11.8	10.1	8.5
-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: P627487 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.9	5.8	4.7	3.5	2.3	1.2	0.0
85°	13.9	11.6	9.3	7.0	4.7	2.3	0.0
82.5°	20.8	17.4	13.9	10.5	7.0	3.5	0.0
80°	28.6	23.1	18.5	13.9	9.3	4.7	0.0
77.5°	43.6	31.2	23.1	17.4	11.6	5.8	0.0
75°	58.4	43.6	28.6	20.8	13.9	6.9	0.0
72.5°	73.1	55.9	38.4	24.1	16.1	8.1	0.0
70°	88.0	68.0	48.2	28.2	18.3	9.2	0.0
67.5°	104.7	79.9	57.7	35.4	20.5	10.3	0.0
65°	121.1	92.5	67.1	42.4	22.6	11.3	0.0
62.5°	137.1	105.7	76.3	49.3	24.7	12.4	0.0
60°	152.7	118.5	85.3	56.1	26.8	13.4	0.0
57.5°	168.3	131.0	95.2	62.7	31.1	14.4	0.0
55°	183.6	143.1	104.7	69.1	35.3	15.4	0.0
52.5°	198.5	154.9	114.0	75.4	39.3	16.3	0.0
50°	213.1	167.0	122.8	81.4	43.2	17.2	0.0
47.5°	227.4	178.9	131.4	87.3	47.0	18.1	0.0
45°	242.2	190.3	139.5	93.4	50.5	18.9	0.0
42.5°	256.4	201.3	147.3	99.2	53.9	19.8	0.0
40°	269.7	211.8	155.2	104.6	57.1	20.5	0.0
37.5°	282.4	221.9	163.2	109.6	60.1	21.3	0.0
35°	294.2	231.7	170.8	114.3	63.0	22.0	0.0
32.5°	305.3	240.9	177.9	118.7	65.6	22.6	0.0
30°	315.5	249.5	184.6	122.8	68.0	23.2	0.0
27.5°	324.8	257.5	190.6	126.6	70.2	23.8	0.0
25°	333.3	264.7	196.0	130.0	72.2	24.3	0.0
22.5°	341.0	271.1	200.9	133.1	74.0	24.8	0.0
20°	347.8	276.5	205.2	135.8	75.5	25.2	0.0
17.5°	353.9	281.3	209.0	138.2	76.9	25.6	0.0
15°	359.4	285.4	212.3	140.2	78.0	25.9	0.0
12.5°	364.1	288.7	215.0	141.9	79.0	26.2	0.0
10°	368.1	291.4	217.1	143.2	79.7	26.4	0.0
7.5°	371.2	293.3	218.6	144.1	80.2	26.6	0.0
5°	373.5	294.5	219.6	144.7	80.5	26.7	0.0
2.5°	374.8	295.0	220.0	144.9	80.5	26.8	0.0
0°	375.3	294.8	219.8	144.7	80.4	26.8	0.0
-2.5°	374.8	295.0	220.0	144.9	80.5	26.8	0.0
-5°	373.5	294.5	219.6	144.7	80.5	26.7	0.0
-7.5°	371.2	293.3	218.6	144.1	80.2	26.6	0.0
-10°	368.1	291.4	217.1	143.2	79.7	26.4	0.0
-12.5°	364.1	288.7	215.0	141.9	79.0	26.2	0.0
-15°	359.4	285.4	212.3	140.2	78.0	25.9	0.0
-17.5°	353.9	281.3	209.0	138.2	76.9	25.6	0.0
-20°	347.8	276.5	205.2	135.8	75.5	25.2	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	341.0	271.1	200.9	133.1	74.0	24.8	0.0
-25°	333.3	264.7	196.0	130.0	72.2	24.3	0.0
-27.5°	324.8	257.5	190.6	126.6	70.2	23.8	0.0
-30°	315.5	249.5	184.6	122.8	68.0	23.2	0.0
-32.5°	305.3	240.9	177.9	118.7	65.6	22.6	0.0
-35°	294.2	231.7	170.8	114.3	63.0	22.0	0.0
-37.5°	282.4	221.9	163.2	109.6	60.1	21.3	0.0
-40°	269.7	211.8	155.2	104.6	57.1	20.5	0.0
-42.5°	256.4	201.3	147.3	99.2	53.9	19.8	0.0
-45°	242.2	190.3	139.5	93.4	50.5	18.9	0.0
-47.5°	227.4	178.9	131.4	87.3	47.0	18.1	0.0
-50°	213.1	167.0	122.8	81.4	43.2	17.2	0.0
-52.5°	198.5	154.9	114.0	75.4	39.3	16.3	0.0
-55°	183.6	143.1	104.7	69.1	35.3	15.4	0.0
-57.5°	168.3	131.0	95.2	62.7	31.1	14.4	0.0
-60°	152.7	118.5	85.3	56.1	26.8	13.4	0.0
-62.5°	137.1	105.7	76.3	49.3	24.7	12.4	0.0
-65°	121.1	92.5	67.1	42.4	22.6	11.3	0.0
-67.5°	104.7	79.9	57.7	35.4	20.5	10.3	0.0
-70°	88.0	68.0	48.2	28.2	18.3	9.2	0.0
-72.5°	73.1	55.9	38.4	24.1	16.1	8.1	0.0
-75°	58.4	43.6	28.6	20.8	13.9	6.9	0.0
-77.5°	43.6	31.2	23.1	17.4	11.6	5.8	0.0
-80°	28.6	23.1	18.5	13.9	9.3	4.7	0.0
-82.5°	20.8	17.4	13.9	10.5	7.0	3.5	0.0
-85°	13.9	11.6	9.3	7.0	4.7	2.3	0.0
-87.5°	6.9	5.8	4.7	3.5	2.3	1.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)