

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: P627515 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4E-735-U-MR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627515 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA4E-735-U-MR-XX  
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N97  
Light Source: (64) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

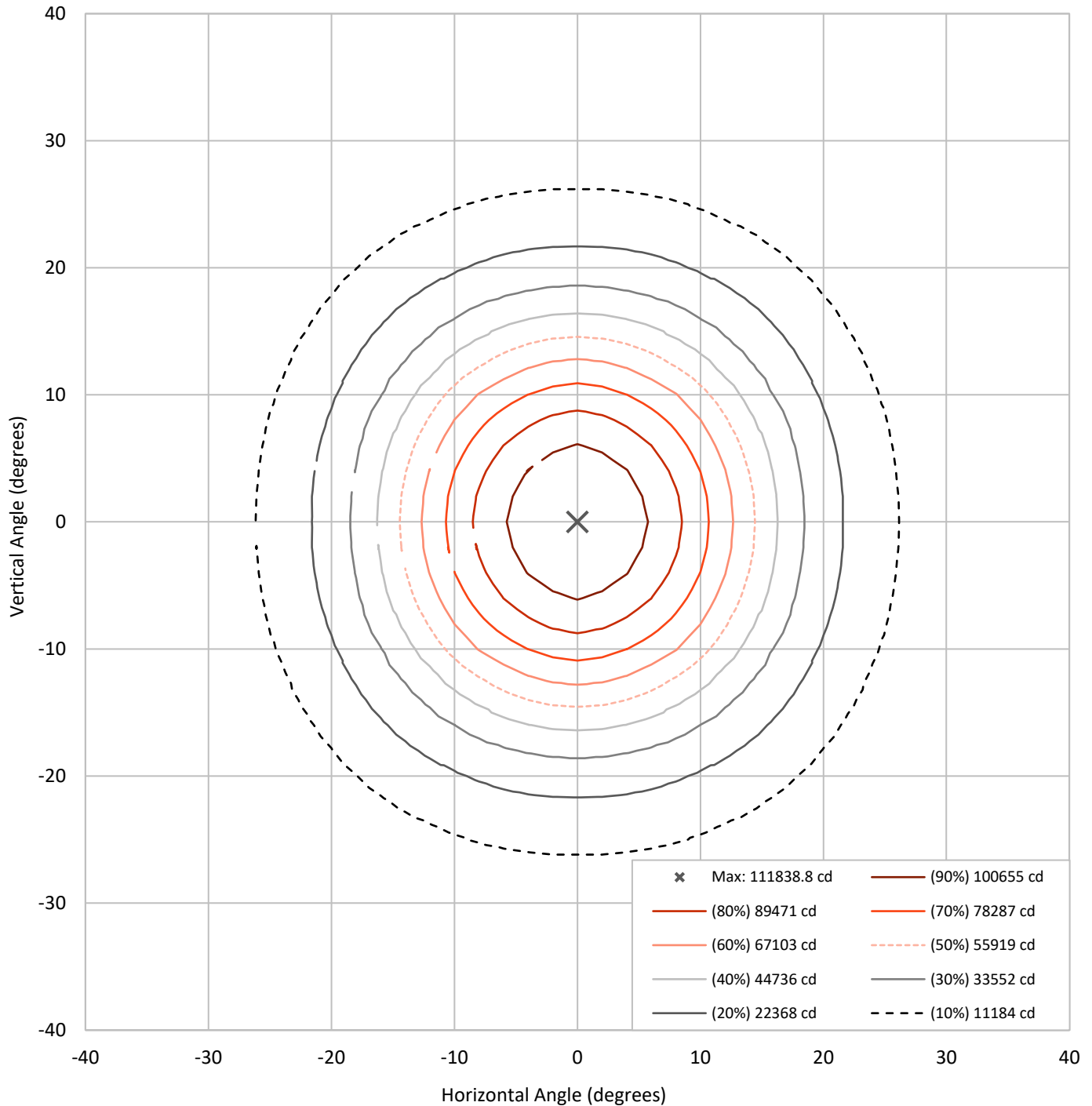
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	34942.3 lumens	Max Intensity:	111838.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	136.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	16988.5 lumens	Field Lumens:	28669.6 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
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





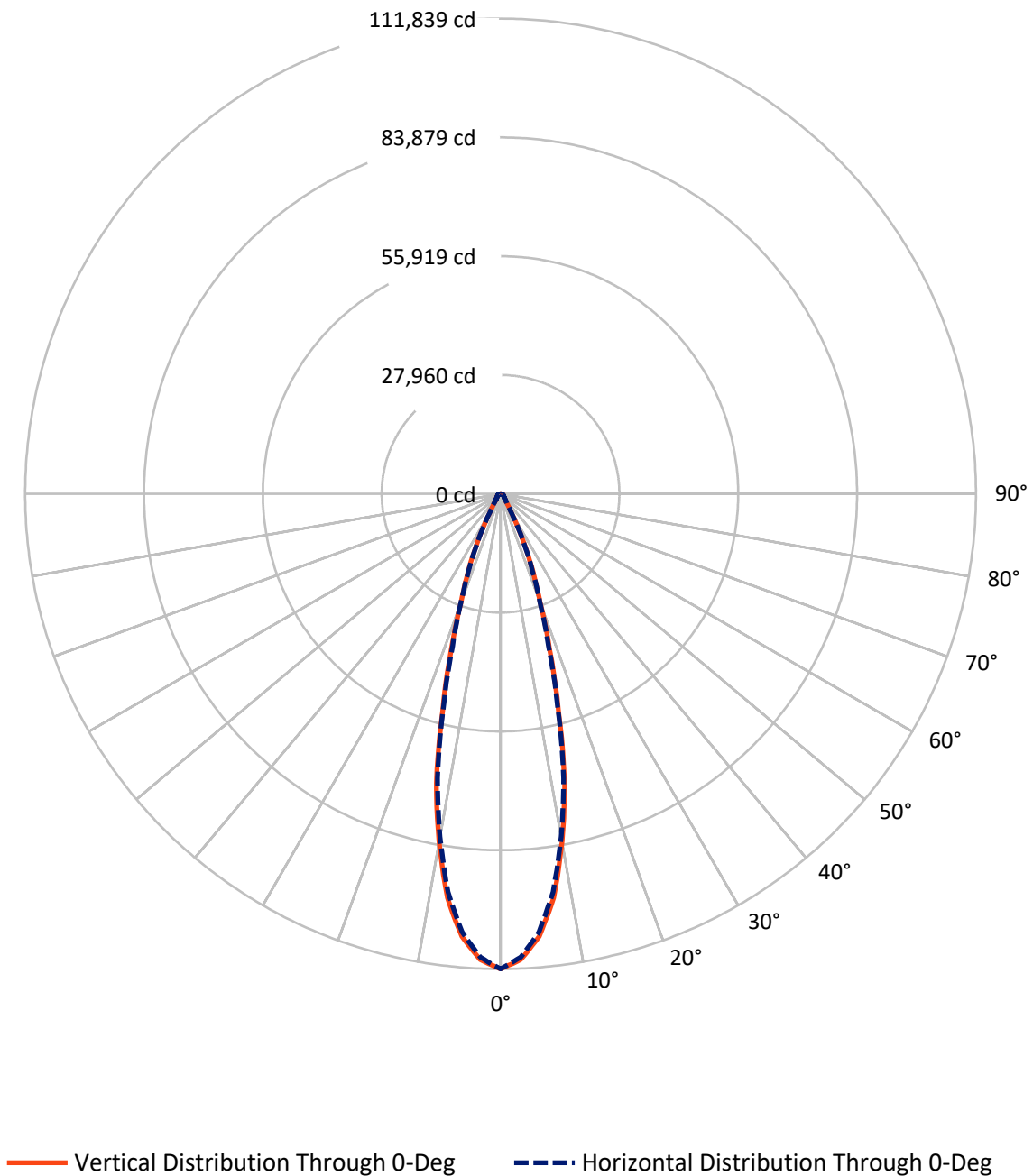
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### Lumen Table

90																			
80	0.7	5.8		15.2		24.0		26.6		24.0		15.2		5.8		0.7			
70	2.6	3.0	6.1	9.9	13.8	16.9	18.9	19.9	19.9	18.9	16.9	13.8	9.9	6.1	3.0	2.6			
60		4.5	9.0	14.6	19.5	24.0	26.9	28.0	28.0	26.9	24.0	19.5	14.6	9.0	4.5				
50	4.6	5.7	11.6	18.0	23.9	30.3	35.6	38.2	38.2	35.6	30.3	23.9	18.0	11.6	5.7	4.6			
40		6.8	13.6	20.8	29.3	41.8	60.6	78.7	78.7	60.6	41.8	29.3	20.8	13.6	6.8				
30	5.9	7.6	14.9	23.4	37.6	81.7	230.0	407.9	407.9	230.0	81.7	37.6	23.4	14.9	7.6	5.9			
20		8.1	15.6	25.4	51.2	214.5	764.4	1464.7	1464.7	764.4	214.5	51.2	25.4	15.6	8.1				
10	6.3	8.4	15.9	26.7	65.0	370.2	1414.8	2782.8	2782.8	1414.8	370.2	65.0	26.7	15.9	8.4	6.3			
0		8.4	15.9	26.7	65.0	370.2	1414.8	2782.8	2782.8	1414.8	370.2	65.0	26.7	15.9	8.4				
-10	5.9	8.1	15.6	25.4	51.2	214.5	764.4	1464.7	1464.7	764.4	214.5	51.2	25.4	15.6	8.1	5.9			
-20		7.6	14.9	23.4	37.6	81.7	230.0	407.9	407.9	230.0	81.7	37.6	23.4	14.9	7.6				
-30	4.6	6.8	13.6	20.8	29.3	41.8	60.6	78.7	78.7	60.6	41.8	29.3	20.8	13.6	6.8	4.6			
-40		5.7	11.6	18.0	23.9	30.3	35.6	38.2	38.2	35.6	30.3	23.9	18.0	11.6	5.7				
-50	2.6	4.5	9.0	14.6	19.5	24.0	26.9	28.0	28.0	26.9	24.0	19.5	14.6	9.0	4.5	2.6			
-60		3.0	6.1	9.9	13.8	16.9	18.9	19.9	19.9	18.9	16.9	13.8	9.9	6.1	3.0				
-70	0.7	5.8		15.2		24.0		26.6		24.0		15.2		5.8		0.7			
-80																			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

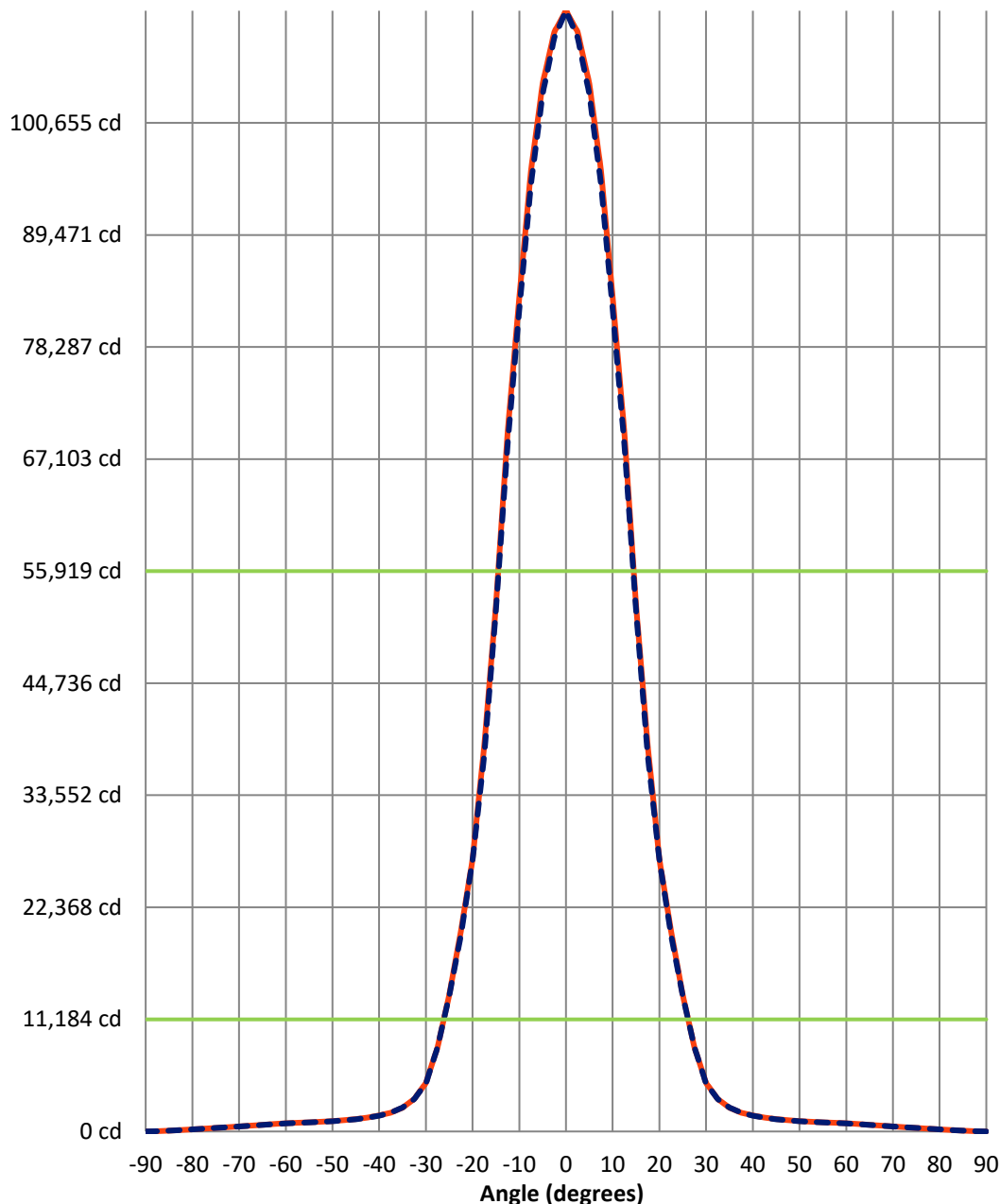
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 28.8°  
 V Angle: 29°  
 Lumens: 16988.5  
 Efficiency: 48.6%

**Field:**  
 H Angle: 52.3°  
 V Angle: 52.3°  
 Lumens: 28669.6  
 Efficiency: 82.0%

**Spill:**  
 Lumens: 6272.7  
 Efficiency: 18.0%

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

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.3	2.5	3.7	5.0	6.2	7.4	8.6	9.8	11.0	12.1
85°	0.0	2.5	5.0	7.5	10.0	12.4	14.8	17.2	19.6	21.9	24.2
82.5°	0.0	3.7	7.5	11.2	14.9	18.6	22.2	25.8	30.0	36.8	43.9
80°	0.0	5.0	10.0	14.9	19.8	24.7	30.2	38.9	48.1	57.7	67.8
77.5°	0.0	6.2	12.4	18.6	24.7	32.4	43.0	54.2	66.1	78.5	92.2
75°	0.0	7.4	14.8	22.2	30.2	43.0	55.7	69.3	84.1	101.5	118.7
72.5°	0.0	8.6	17.2	25.8	38.6	53.5	68.2	85.1	105.3	125.2	144.9
70°	0.0	9.8	19.6	29.9	46.9	63.8	81.0	103.4	126.2	148.7	173.1
67.5°	0.0	11.0	21.9	36.0	55.1	74.0	96.7	121.4	146.8	174.3	201.4
65°	0.0	12.1	24.2	42.0	63.1	85.4	112.1	139.1	169.2	199.5	230.0
62.5°	0.0	13.2	26.5	47.9	70.9	98.0	127.2	157.9	191.2	224.4	259.4
60°	0.0	14.3	28.7	53.7	78.6	110.3	141.9	176.7	212.8	249.8	287.9
57.5°	0.0	15.4	32.4	59.3	88.1	122.4	157.5	195.2	234.1	274.3	316.2
55°	0.0	16.5	36.1	64.8	97.5	134.1	172.6	213.1	254.9	298.2	343.9
52.5°	0.0	17.5	39.6	70.1	106.6	145.5	187.2	230.4	274.8	322.4	370.8
50°	0.0	18.4	43.0	75.2	115.4	157.1	201.2	247.3	294.3	345.9	395.7
47.5°	0.0	19.4	46.3	80.5	123.9	168.2	214.7	263.5	314.4	368.4	419.3
45°	0.0	20.3	49.5	86.6	132.1	178.7	228.0	279.0	333.7	388.4	441.6
42.5°	0.0	21.2	52.5	92.5	139.9	188.8	240.7	294.6	352.1	407.1	462.1
40°	0.0	22.0	55.4	98.0	147.4	198.2	252.9	309.6	368.9	424.8	481.4
37.5°	0.0	22.8	58.2	103.2	154.5	207.1	264.4	323.8	383.9	441.7	499.7
35°	0.0	23.5	60.8	108.0	161.3	215.9	275.2	337.0	398.0	457.6	517.0
32.5°	0.0	24.2	63.2	112.4	167.5	224.4	285.5	349.1	411.2	472.6	533.7
30°	0.0	24.9	65.5	116.5	173.3	232.2	295.2	360.2	423.4	486.4	549.2
27.5°	0.0	25.5	67.6	120.2	178.5	239.5	304.1	370.0	434.7	499.2	563.5
25°	0.0	26.0	69.6	123.5	183.4	246.2	312.1	378.9	445.0	510.8	576.6
22.5°	0.0	26.5	71.3	126.4	187.8	252.1	319.3	386.9	454.2	521.3	589.7
20°	0.0	27.0	72.9	129.0	191.9	257.4	325.5	394.1	462.4	530.6	601.4
17.5°	0.0	27.4	74.3	131.2	195.6	261.8	331.3	400.2	469.5	538.7	611.5
15°	0.0	27.7	75.6	133.0	198.8	265.5	336.5	406.0	475.5	545.6	620.1
12.5°	0.0	28.0	76.6	134.5	201.6	268.5	341.0	411.3	481.1	551.2	627.2
10°	0.0	28.3	77.5	135.6	203.9	270.7	344.8	415.7	486.2	557.9	633.8
7.5°	0.0	28.5	78.1	136.3	205.8	272.3	347.8	419.2	490.2	563.8	641.1
5°	0.0	28.6	78.6	136.7	207.1	273.1	350.0	421.6	493.0	568.6	646.7
2.5°	0.0	28.7	78.9	136.7	207.9	273.3	351.3	423.1	494.7	572.1	650.8
0°	0.0	28.7	79.0	136.4	208.2	272.8	351.8	423.6	495.3	574.3	653.3
-2.5°	0.0	28.7	78.9	136.7	207.9	273.3	351.3	423.1	494.7	572.1	650.8
-5°	0.0	28.6	78.6	136.7	207.1	273.1	350.0	421.6	493.0	568.6	646.7
-7.5°	0.0	28.5	78.1	136.3	205.8	272.3	347.8	419.2	490.2	563.8	641.1
-10°	0.0	28.3	77.5	135.6	203.9	270.7	344.8	415.7	486.2	557.9	633.8
-12.5°	0.0	28.0	76.6	134.5	201.6	268.5	341.0	411.3	481.1	551.2	627.2
-15°	0.0	27.7	75.6	133.0	198.8	265.5	336.5	406.0	475.5	545.6	620.1
-17.5°	0.0	27.4	74.3	131.2	195.6	261.8	331.3	400.2	469.5	538.7	611.5
-20°	0.0	27.0	72.9	129.0	191.9	257.4	325.5	394.1	462.4	530.6	601.4

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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	26.5	71.3	126.4	187.8	252.1	319.3	386.9	454.2	521.3	589.7
-25°	0.0	26.0	69.6	123.5	183.4	246.2	312.1	378.9	445.0	510.8	576.6
-27.5°	0.0	25.5	67.6	120.2	178.5	239.5	304.1	370.0	434.7	499.2	563.5
-30°	0.0	24.9	65.5	116.5	173.3	232.2	295.2	360.2	423.4	486.4	549.2
-32.5°	0.0	24.2	63.2	112.4	167.5	224.4	285.5	349.1	411.2	472.6	533.7
-35°	0.0	23.5	60.8	108.0	161.3	215.9	275.2	337.0	398.0	457.6	517.0
-37.5°	0.0	22.8	58.2	103.2	154.5	207.1	264.4	323.8	383.9	441.7	499.7
-40°	0.0	22.0	55.4	98.0	147.4	198.2	252.9	309.6	368.9	424.8	481.4
-42.5°	0.0	21.2	52.5	92.5	139.9	188.8	240.7	294.6	352.1	407.1	462.1
-45°	0.0	20.3	49.5	86.6	132.1	178.7	228.0	279.0	333.7	388.4	441.6
-47.5°	0.0	19.4	46.3	80.5	123.9	168.2	214.7	263.5	314.4	368.4	419.3
-50°	0.0	18.4	43.0	75.2	115.4	157.1	201.2	247.3	294.3	345.9	395.7
-52.5°	0.0	17.5	39.6	70.1	106.6	145.5	187.2	230.4	274.8	322.4	370.8
-55°	0.0	16.5	36.1	64.8	97.5	134.1	172.6	213.1	254.9	298.2	343.9
-57.5°	0.0	15.4	32.4	59.3	88.1	122.4	157.5	195.2	234.1	274.3	316.2
-60°	0.0	14.3	28.7	53.7	78.6	110.3	141.9	176.7	212.8	249.8	287.9
-62.5°	0.0	13.2	26.5	47.9	70.9	98.0	127.2	157.9	191.2	224.4	259.4
-65°	0.0	12.1	24.2	42.0	63.1	85.4	112.1	139.1	169.2	199.5	230.0
-67.5°	0.0	11.0	21.9	36.0	55.1	74.0	96.7	121.4	146.8	174.3	201.4
-70°	0.0	9.8	19.6	29.9	46.9	63.8	81.0	103.4	126.2	148.7	173.1
-72.5°	0.0	8.6	17.2	25.8	38.6	53.5	68.2	85.1	105.3	125.2	144.9
-75°	0.0	7.4	14.8	22.2	30.2	43.0	55.7	69.3	84.1	101.5	118.7
-77.5°	0.0	6.2	12.4	18.6	24.7	32.4	43.0	54.2	66.1	78.5	92.2
-80°	0.0	5.0	10.0	14.9	19.8	24.7	30.2	38.9	48.1	57.7	67.8
-82.5°	0.0	3.7	7.5	11.2	14.9	18.6	22.2	25.8	30.0	36.8	43.9
-85°	0.0	2.5	5.0	7.5	10.0	12.4	14.8	17.2	19.6	21.9	24.2
-87.5°	0.0	1.3	2.5	3.7	5.0	6.2	7.4	8.6	9.8	11.0	12.1
-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°	13.2	14.3	15.4	16.5	17.5	18.4	19.4	20.3	21.2	22.0	22.8
85°	26.5	28.7	32.9	37.1	41.1	45.0	48.8	52.4	55.9	59.2	62.3
82.5°	50.6	57.2	63.6	69.9	75.9	81.8	87.5	92.9	98.1	103.1	107.8
80°	76.9	85.7	94.5	102.7	110.7	118.5	126.1	133.3	140.3	147.7	155.6
77.5°	104.7	115.9	126.2	135.5	145.6	157.9	169.7	181.0	191.9	202.3	212.2
75°	133.4	146.2	160.2	174.1	188.6	203.2	217.5	231.2	244.6	258.3	271.9
72.5°	163.6	181.0	197.9	214.3	232.5	250.3	266.7	281.7	298.6	317.1	334.1
70°	195.5	215.6	236.9	258.0	278.6	298.5	318.8	339.2	359.8	379.8	398.9
67.5°	227.6	252.9	277.5	301.5	324.9	348.7	372.7	397.4	421.1	443.8	465.9
65°	261.9	290.1	317.6	344.5	370.5	399.6	428.1	455.5	485.6	513.5	537.7
62.5°	295.2	326.8	357.2	387.6	419.2	451.3	484.3	518.9	554.7	580.5	602.8
60°	327.3	362.9	396.8	431.6	466.8	503.1	541.1	578.0	610.7	638.9	662.3
57.5°	358.6	398.4	436.0	473.8	512.4	553.6	595.4	633.0	663.5	690.7	716.4
55°	388.9	433.0	473.0	513.2	557.1	605.4	648.2	682.2	713.4	735.9	760.4
52.5°	417.7	464.9	506.8	551.8	602.0	652.2	694.8	727.8	753.9	777.2	801.2
50°	445.2	492.8	539.2	590.5	643.5	693.8	736.9	767.3	793.6	817.8	840.8
47.5°	470.2	519.6	572.1	626.9	682.3	732.0	773.3	804.3	831.5	856.5	881.8
45°	493.8	546.9	602.7	662.7	719.5	768.7	806.3	839.5	865.8	893.8	925.6
42.5°	516.3	573.1	633.7	697.6	755.6	800.6	837.0	868.9	899.2	932.9	968.2
40°	538.5	597.6	663.1	730.3	789.3	828.4	864.9	898.7	933.5	971.7	1010.3
37.5°	559.1	622.6	690.6	760.7	814.2	854.7	892.5	930.1	969.2	1010.3	1058.3
35°	578.1	645.7	717.0	784.8	836.0	880.3	920.7	961.6	1005.4	1055.6	1108.5
32.5°	596.6	666.6	741.5	805.0	856.0	903.3	947.9	994.1	1044.2	1099.5	1160.0
30°	614.8	687.1	762.9	825.7	873.8	922.2	974.5	1025.9	1081.7	1143.1	1214.1
27.5°	632.4	706.1	780.9	842.0	889.4	938.6	994.7	1057.2	1118.2	1185.4	1267.8
25°	648.5	725.7	798.6	854.8	902.9	954.4	1013.0	1079.6	1151.2	1231.2	1332.1
22.5°	663.8	743.3	815.4	865.8	914.1	968.2	1031.2	1101.6	1179.5	1272.2	1395.4
20°	678.1	757.1	826.5	875.9	923.3	979.2	1046.9	1121.1	1210.0	1322.4	1469.7
17.5°	690.6	768.7	834.2	884.1	933.1	990.5	1060.4	1137.5	1237.6	1366.6	1541.1
15°	701.2	778.2	840.9	890.5	941.3	1002.2	1074.1	1158.2	1267.7	1410.0	1602.7
12.5°	710.0	785.7	846.5	895.1	947.7	1010.9	1085.9	1178.1	1297.8	1457.3	1685.7
10°	716.9	791.1	850.9	897.9	952.3	1016.6	1095.0	1193.6	1322.2	1496.9	1756.9
7.5°	723.6	795.9	854.0	899.1	954.9	1019.4	1101.4	1204.6	1340.1	1526.6	1813.6
5°	728.5	800.4	855.8	901.7	956.6	1020.7	1105.8	1211.0	1351.3	1546.2	1853.7
2.5°	731.3	803.1	855.9	903.8	956.7	1021.2	1110.9	1214.5	1363.7	1562.7	1876.5
0°	732.2	804.0	854.3	904.5	954.8	1019.4	1112.7	1213.2	1371.2	1572.2	1880.8
-2.5°	731.3	803.1	855.9	903.8	956.7	1021.2	1110.9	1214.5	1363.7	1562.7	1876.5
-5°	728.5	800.4	855.8	901.7	956.6	1020.7	1105.8	1211.0	1351.3	1546.2	1853.7
-7.5°	723.6	795.9	854.0	899.1	954.9	1019.4	1101.4	1204.6	1340.1	1526.6	1813.6
-10°	716.9	791.1	850.9	897.9	952.3	1016.6	1095.0	1193.6	1322.2	1496.9	1756.9
-12.5°	710.0	785.7	846.5	895.1	947.7	1010.9	1085.9	1178.1	1297.8	1457.3	1685.7
-15°	701.2	778.2	840.9	890.5	941.3	1002.2	1074.1	1158.2	1267.7	1410.0	1602.7
-17.5°	690.6	768.7	834.2	884.1	933.1	990.5	1060.4	1137.5	1237.6	1366.6	1541.1
-20°	678.1	757.1	826.5	875.9	923.3	979.2	1046.9	1121.1	1210.0	1322.4	1469.7



REPORT NUMBER: P627515 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	663.8	743.3	815.4	865.8	914.1	968.2	1031.2	1101.6	1179.5	1272.2	1395.4
-25°	648.5	725.7	798.6	854.8	902.9	954.4	1013.0	1079.6	1151.2	1231.2	1332.1
-27.5°	632.4	706.1	780.9	842.0	889.4	938.6	994.7	1057.2	1118.2	1185.4	1267.8
-30°	614.8	687.1	762.9	825.7	873.8	922.2	974.5	1025.9	1081.7	1143.1	1214.1
-32.5°	596.6	666.6	741.5	805.0	856.0	903.3	947.9	994.1	1044.2	1099.5	1160.0
-35°	578.1	645.7	717.0	784.8	836.0	880.3	920.7	961.6	1005.4	1055.6	1108.5
-37.5°	559.1	622.6	690.6	760.7	814.2	854.7	892.5	930.1	969.2	1010.3	1058.3
-40°	538.5	597.6	663.1	730.3	789.3	828.4	864.9	898.7	933.5	971.7	1010.3
-42.5°	516.3	573.1	633.7	697.6	755.6	800.6	837.0	868.9	899.2	932.9	968.2
-45°	493.8	546.9	602.7	662.7	719.5	768.7	806.3	839.5	865.8	893.8	925.6
-47.5°	470.2	519.6	572.1	626.9	682.3	732.0	773.3	804.3	831.5	856.5	881.8
-50°	445.2	492.8	539.2	590.5	643.5	693.8	736.9	767.3	793.6	817.8	840.8
-52.5°	417.7	464.9	506.8	551.8	602.0	652.2	694.8	727.8	753.9	777.2	801.2
-55°	388.9	433.0	473.0	513.2	557.1	605.4	648.2	682.2	713.4	735.9	760.4
-57.5°	358.6	398.4	436.0	473.8	512.4	553.6	595.4	633.0	663.5	690.7	716.4
-60°	327.3	362.9	396.8	431.6	466.8	503.1	541.1	578.0	610.7	638.9	662.3
-62.5°	295.2	326.8	357.2	387.6	419.2	451.3	484.3	518.9	554.7	580.5	602.8
-65°	261.9	290.1	317.6	344.5	370.5	399.6	428.1	455.5	485.6	513.5	537.7
-67.5°	227.6	252.9	277.5	301.5	324.9	348.7	372.7	397.4	421.1	443.8	465.9
-70°	195.5	215.6	236.9	258.0	278.6	298.5	318.8	339.2	359.8	379.8	398.9
-72.5°	163.6	181.0	197.9	214.3	232.5	250.3	266.7	281.7	298.6	317.1	334.1
-75°	133.4	146.2	160.2	174.1	188.6	203.2	217.5	231.2	244.6	258.3	271.9
-77.5°	104.7	115.9	126.2	135.5	145.6	157.9	169.7	181.0	191.9	202.3	212.2
-80°	76.9	85.7	94.5	102.7	110.7	118.5	126.1	133.3	140.3	147.7	155.6
-82.5°	50.6	57.2	63.6	69.9	75.9	81.8	87.5	92.9	98.1	103.1	107.8
-85°	26.5	28.7	32.9	37.1	41.1	45.0	48.8	52.4	55.9	59.2	62.3
-87.5°	13.2	14.3	15.4	16.5	17.5	18.4	19.4	20.3	21.2	22.0	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: P627515 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	23.5	24.2	24.9	25.5	26.0	26.5	27.0	27.4	27.7	28.0	28.3
85°	65.3	68.1	70.7	73.1	75.3	75.9	76.1	76.0	75.6	76.6	77.5
82.5°	112.3	117.3	122.4	127.5	132.4	134.3	135.6	136.5	137.0	139.0	140.6
80°	163.1	171.0	178.4	185.0	190.9	195.1	198.8	202.4	205.5	207.0	207.7
77.5°	222.1	231.7	240.8	249.1	256.8	263.0	267.9	271.9	275.0	277.0	278.2
75°	285.5	297.7	308.6	318.7	328.0	334.5	339.0	342.3	344.6	347.0	348.9
72.5°	349.6	363.5	376.5	388.6	399.3	406.8	412.1	416.3	419.5	421.9	423.1
70°	417.0	433.7	447.9	460.1	469.8	477.0	482.6	487.2	490.7	493.0	494.3
67.5°	486.9	504.6	518.0	528.7	537.3	544.9	552.0	557.1	560.6	564.0	567.7
65°	558.0	576.1	589.8	601.0	610.1	620.0	629.0	635.7	640.2	644.3	648.4
62.5°	624.8	645.4	661.2	676.0	690.9	705.0	713.2	719.6	724.1	728.1	732.8
60°	685.7	708.9	728.2	746.1	764.5	782.8	790.4	796.3	801.9	807.1	811.9
57.5°	739.6	764.3	787.8	805.5	823.0	840.2	852.0	858.5	862.9	865.3	867.3
55°	786.6	811.2	834.7	855.1	874.1	891.7	904.9	911.3	916.0	919.0	920.8
52.5°	828.7	855.0	880.2	902.8	923.3	942.3	958.8	967.5	974.6	979.6	981.2
50°	870.0	898.5	925.7	949.9	973.7	996.5	1017.5	1029.6	1038.1	1043.3	1045.0
47.5°	913.1	944.1	973.5	1001.6	1028.7	1055.7	1080.5	1097.0	1109.3	1118.3	1124.8
45°	958.0	991.4	1023.9	1057.0	1088.2	1122.9	1154.4	1178.5	1196.3	1211.8	1224.1
42.5°	1003.2	1040.7	1078.0	1120.7	1163.2	1202.8	1240.2	1272.2	1301.3	1329.9	1352.2
40°	1052.4	1093.4	1144.5	1195.1	1247.5	1293.5	1348.1	1397.0	1441.8	1490.2	1530.3
37.5°	1106.1	1158.8	1219.3	1279.9	1348.1	1414.3	1490.5	1565.6	1630.8	1715.7	1783.7
35°	1164.6	1231.4	1302.8	1384.2	1472.1	1575.9	1682.5	1807.7	1913.9	2048.7	2173.2
32.5°	1229.8	1308.3	1401.0	1512.9	1631.5	1798.2	1954.5	2166.6	2347.9	2581.9	2837.5
30°	1296.1	1397.5	1523.6	1668.1	1868.9	2105.3	2381.0	2739.6	3127.5	3528.9	4069.2
27.5°	1374.7	1506.4	1663.8	1886.9	2187.2	2514.5	3076.2	3682.7	4527.6	5196.4	6387.7
25°	1459.4	1622.3	1854.9	2178.3	2593.2	3255.7	4203.7	5301.6	6992.2	8496.1	10224.3
22.5°	1559.6	1780.9	2088.8	2512.4	3235.7	4375.4	5855.3	8109.8	10616.0	13089.6	15350.5
20°	1665.8	1933.1	2363.7	3053.5	4171.4	5819.4	8459.7	11681.3	15008.4	18398.4	21255.2
17.5°	1789.7	2152.8	2720.0	3636.2	5231.1	8052.6	11579.2	15675.6	20022.4	24348.1	28105.5
15°	1896.3	2344.8	3108.6	4480.9	6859.2	10388.4	14722.8	19896.4	25362.6	30976.5	37060.8
12.5°	2032.2	2576.2	3509.0	5179.3	8303.8	12890.9	18194.4	24201.1	30876.1	38329.9	47815.3
10°	2156.8	2819.0	4035.7	6298.3	10040.3	15228.6	21193.2	28007.9	36666.0	47867.2	59308.8
7.5°	2256.7	3011.5	4444.1	7171.5	11496.6	17225.6	23893.3	32063.8	42865.5	56203.5	69276.4
5°	2326.3	3144.8	4736.4	7831.2	12668.0	18751.8	25809.5	35053.7	48090.9	63027.2	76375.4
2.5°	2369.9	3217.8	4879.4	8223.0	13432.0	19670.2	27005.0	36953.9	51293.6	67370.9	80885.6
0°	2390.5	3230.5	4788.3	8413.6	13539.2	19605.3	27114.4	37588.3	52053.6	68550.5	82010.8
-2.5°	2369.9	3217.8	4879.4	8223.0	13432.0	19670.2	27005.0	36953.9	51293.6	67370.9	80885.6
-5°	2326.3	3144.8	4736.4	7831.2	12668.0	18751.8	25809.5	35053.7	48090.9	63027.2	76375.4
-7.5°	2256.7	3011.5	4444.1	7171.5	11496.6	17225.6	23893.3	32063.8	42865.5	56203.5	69276.4
-10°	2156.8	2819.0	4035.7	6298.3	10040.3	15228.6	21193.2	28007.9	36666.0	47867.2	59308.8
-12.5°	2032.2	2576.2	3509.0	5179.3	8303.8	12890.9	18194.4	24201.1	30876.1	38329.9	47815.3
-15°	1896.3	2344.8	3108.6	4480.9	6859.2	10388.4	14722.8	19896.4	25362.6	30976.5	37060.8
-17.5°	1789.7	2152.8	2720.0	3636.2	5231.1	8052.6	11579.2	15675.6	20022.4	24348.1	28105.5
-20°	1665.8	1933.1	2363.7	3053.5	4171.4	5819.4	8459.7	11681.3	15008.4	18398.4	21255.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627515 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	1559.6	1780.9	2088.8	2512.4	3235.7	4375.4	5855.3	8109.8	10616.0	13089.6	15350.5
-25°	1459.4	1622.3	1854.9	2178.3	2593.2	3255.7	4203.7	5301.6	6992.2	8496.1	10224.3
-27.5°	1374.7	1506.4	1663.8	1886.9	2187.2	2514.5	3076.2	3682.7	4527.6	5196.4	6387.7
-30°	1296.1	1397.5	1523.6	1668.1	1868.9	2105.3	2381.0	2739.6	3127.5	3528.9	4069.2
-32.5°	1229.8	1308.3	1401.0	1512.9	1631.5	1798.2	1954.5	2166.6	2347.9	2581.9	2837.5
-35°	1164.6	1231.4	1302.8	1384.2	1472.1	1575.9	1682.5	1807.7	1913.9	2048.7	2173.2
-37.5°	1106.1	1158.8	1219.3	1279.9	1348.1	1414.3	1490.5	1565.6	1630.8	1715.7	1783.7
-40°	1052.4	1093.4	1144.5	1195.1	1247.5	1293.5	1348.1	1397.0	1441.8	1490.2	1530.3
-42.5°	1003.2	1040.7	1078.0	1120.7	1163.2	1202.8	1240.2	1272.2	1301.3	1329.9	1352.2
-45°	958.0	991.4	1023.9	1057.0	1088.2	1122.9	1154.4	1178.5	1196.3	1211.8	1224.1
-47.5°	913.1	944.1	973.5	1001.6	1028.7	1055.7	1080.5	1097.0	1109.3	1118.3	1124.8
-50°	870.0	898.5	925.7	949.9	973.7	996.5	1017.5	1029.6	1038.1	1043.3	1045.0
-52.5°	828.7	855.0	880.2	902.8	923.3	942.3	958.8	967.5	974.6	979.6	981.2
-55°	786.6	811.2	834.7	855.1	874.1	891.7	904.9	911.3	916.0	919.0	920.8
-57.5°	739.6	764.3	787.8	805.5	823.0	840.2	852.0	858.5	862.9	865.3	867.3
-60°	685.7	708.9	728.2	746.1	764.5	782.8	790.4	796.3	801.9	807.1	811.9
-62.5°	624.8	645.4	661.2	676.0	690.9	705.0	713.2	719.6	724.1	728.1	732.8
-65°	558.0	576.1	589.8	601.0	610.1	620.0	629.0	635.7	640.2	644.3	648.4
-67.5°	486.9	504.6	518.0	528.7	537.3	544.9	552.0	557.1	560.6	564.0	567.7
-70°	417.0	433.7	447.9	460.1	469.8	477.0	482.6	487.2	490.7	493.0	494.3
-72.5°	349.6	363.5	376.5	388.6	399.3	406.8	412.1	416.3	419.5	421.9	423.1
-75°	285.5	297.7	308.6	318.7	328.0	334.5	339.0	342.3	344.6	347.0	348.9
-77.5°	222.1	231.7	240.8	249.1	256.8	263.0	267.9	271.9	275.0	277.0	278.2
-80°	163.1	171.0	178.4	185.0	190.9	195.1	198.8	202.4	205.5	207.0	207.7
-82.5°	112.3	117.3	122.4	127.5	132.4	134.3	135.6	136.5	137.0	139.0	140.6
-85°	65.3	68.1	70.7	73.1	75.3	75.9	76.1	76.0	75.6	76.6	77.5
-87.5°	23.5	24.2	24.9	25.5	26.0	26.5	27.0	27.4	27.7	28.0	28.3
-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: P627515 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	28.5	28.6	28.7	28.7	28.7	28.6	28.5	28.3	28.0	27.7	27.4
85°	78.1	78.6	78.9	79.0	78.9	78.6	78.1	77.5	76.6	75.6	76.0
82.5°	141.9	142.9	143.4	143.6	143.4	142.9	141.9	140.6	139.0	137.0	136.5
80°	207.8	207.3	208.0	208.2	208.0	207.3	207.8	207.7	207.0	205.5	202.4
77.5°	278.8	278.7	279.7	280.0	279.7	278.7	278.8	278.2	277.0	275.0	271.9
75°	350.0	350.2	351.4	351.8	351.4	350.2	350.0	348.9	347.0	344.6	342.3
72.5°	423.1	422.0	423.1	423.6	423.1	422.0	423.1	423.1	421.9	419.5	416.3
70°	494.5	493.5	498.1	502.5	498.1	493.5	494.5	494.3	493.0	490.7	487.2
67.5°	570.3	571.8	576.9	581.5	576.9	571.8	570.3	567.7	564.0	560.6	557.1
65°	650.5	650.8	655.7	660.5	655.7	650.8	650.5	648.4	644.3	640.2	635.7
62.5°	735.6	736.4	741.6	746.6	741.6	736.4	735.6	732.8	728.1	724.1	719.6
60°	814.7	815.5	817.4	818.4	817.4	815.5	814.7	811.9	807.1	801.9	796.3
57.5°	867.9	867.1	867.9	868.6	867.9	867.1	867.9	867.3	865.3	862.9	858.5
55°	920.5	918.1	915.4	911.7	915.4	918.1	920.5	920.8	919.0	916.0	911.3
52.5°	979.9	976.1	972.7	969.1	972.7	976.1	979.9	981.2	979.6	974.6	967.5
50°	1043.9	1040.5	1037.2	1033.7	1037.2	1040.5	1043.9	1045.0	1043.3	1038.1	1029.6
47.5°	1129.3	1130.7	1130.1	1127.1	1130.1	1130.7	1129.3	1124.8	1118.3	1109.3	1097.0
45°	1232.9	1237.0	1237.5	1234.8	1237.5	1237.0	1232.9	1224.1	1211.8	1196.3	1178.5
42.5°	1367.9	1377.0	1382.0	1385.5	1382.0	1377.0	1367.9	1352.2	1329.9	1301.3	1272.2
40°	1559.5	1578.0	1589.9	1600.9	1589.9	1578.0	1559.5	1530.3	1490.2	1441.8	1397.0
37.5°	1834.2	1867.9	1882.9	1873.7	1882.9	1867.9	1834.2	1783.7	1715.7	1630.8	1565.6
35°	2269.0	2333.0	2366.3	2369.0	2366.3	2333.0	2269.0	2173.2	2048.7	1913.9	1807.7
32.5°	3026.4	3157.3	3227.7	3237.6	3227.7	3157.3	3026.4	2837.5	2581.9	2347.9	2166.6
30°	4482.8	4750.0	4875.5	4845.7	4875.5	4750.0	4482.8	4069.2	3528.9	3127.5	2739.6
27.5°	7313.8	7980.1	8375.0	8406.4	8375.0	7980.1	7313.8	6387.7	5196.4	4527.6	3682.7
25°	11754.9	12892.4	13620.8	13632.6	13620.8	12892.4	11754.9	10224.3	8496.1	6992.2	5301.6
22.5°	17441.0	18993.7	19844.5	19993.0	19844.5	18993.7	17441.0	15350.5	13089.6	10616.0	8109.8
20°	24028.6	26094.1	27199.2	27200.5	27199.2	26094.1	24028.6	21255.2	18398.4	15008.4	11681.3
17.5°	32141.4	35495.4	37600.9	38507.2	37600.9	35495.4	32141.4	28105.5	24348.1	20022.4	15675.6
15°	42919.5	48555.7	51933.1	52541.7	51933.1	48555.7	42919.5	37060.8	30976.5	25362.6	19896.4
12.5°	56043.0	63175.8	67970.5	69727.8	67970.5	63175.8	56043.0	47815.3	38329.9	30876.1	24201.1
10°	69745.1	76354.1	81490.7	83216.8	81490.7	76354.1	69745.1	59308.8	47867.2	36666.0	28007.9
7.5°	79643.8	87524.7	93310.7	95851.5	93310.7	87524.7	79643.8	69276.4	56203.5	42865.5	32063.8
5°	87457.8	96782.9	102169.0	104559.4	102169.0	96782.9	87457.8	76375.4	63027.2	48090.9	35053.7
2.5°	92584.8	101798.8	107502.4	109706.7	107502.4	101798.8	92584.8	80885.6	67370.9	51293.6	36953.9
0°	94501.9	103511.3	109146.7	111838.8	109146.7	103511.3	94501.9	82010.8	68550.5	52053.6	37588.3
-2.5°	92584.8	101798.8	107502.4	109706.7	107502.4	101798.8	92584.8	80885.6	67370.9	51293.6	36953.9
-5°	87457.8	96782.9	102169.0	104559.4	102169.0	96782.9	87457.8	76375.4	63027.2	48090.9	35053.7
-7.5°	79643.8	87524.7	93310.7	95851.5	93310.7	87524.7	79643.8	69276.4	56203.5	42865.5	32063.8
-10°	69745.1	76354.1	81490.7	83216.8	81490.7	76354.1	69745.1	59308.8	47867.2	36666.0	28007.9
-12.5°	56043.0	63175.8	67970.5	69727.8	67970.5	63175.8	56043.0	47815.3	38329.9	30876.1	24201.1
-15°	42919.5	48555.7	51933.1	52541.7	51933.1	48555.7	42919.5	37060.8	30976.5	25362.6	19896.4
-17.5°	32141.4	35495.4	37600.9	38507.2	37600.9	35495.4	32141.4	28105.5	24348.1	20022.4	15675.6
-20°	24028.6	26094.1	27199.2	27200.5	27199.2	26094.1	24028.6	21255.2	18398.4	15008.4	11681.3



REPORT NUMBER: P627515 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	17441.0	18993.7	19844.5	19993.0	19844.5	18993.7	17441.0	15350.5	13089.6	10616.0	8109.8
-25°	11754.9	12892.4	13620.8	13632.6	13620.8	12892.4	11754.9	10224.3	8496.1	6992.2	5301.6
-27.5°	7313.8	7980.1	8375.0	8406.4	8375.0	7980.1	7313.8	6387.7	5196.4	4527.6	3682.7
-30°	4482.8	4750.0	4875.5	4845.7	4875.5	4750.0	4482.8	4069.2	3528.9	3127.5	2739.6
-32.5°	3026.4	3157.3	3227.7	3237.6	3227.7	3157.3	3026.4	2837.5	2581.9	2347.9	2166.6
-35°	2269.0	2333.0	2366.3	2369.0	2366.3	2333.0	2269.0	2173.2	2048.7	1913.9	1807.7
-37.5°	1834.2	1867.9	1882.9	1873.7	1882.9	1867.9	1834.2	1783.7	1715.7	1630.8	1565.6
-40°	1559.5	1578.0	1589.9	1600.9	1589.9	1578.0	1559.5	1530.3	1490.2	1441.8	1397.0
-42.5°	1367.9	1377.0	1382.0	1385.5	1382.0	1377.0	1367.9	1352.2	1329.9	1301.3	1272.2
-45°	1232.9	1237.0	1237.5	1234.8	1237.5	1237.0	1232.9	1224.1	1211.8	1196.3	1178.5
-47.5°	1129.3	1130.7	1130.1	1127.1	1130.1	1130.7	1129.3	1124.8	1118.3	1109.3	1097.0
-50°	1043.9	1040.5	1037.2	1033.7	1037.2	1040.5	1043.9	1045.0	1043.3	1038.1	1029.6
-52.5°	979.9	976.1	972.7	969.1	972.7	976.1	979.9	981.2	979.6	974.6	967.5
-55°	920.5	918.1	915.4	911.7	915.4	918.1	920.5	920.8	919.0	916.0	911.3
-57.5°	867.9	867.1	867.9	868.6	867.9	867.1	867.9	867.3	865.3	862.9	858.5
-60°	814.7	815.5	817.4	818.4	817.4	815.5	814.7	811.9	807.1	801.9	796.3
-62.5°	735.6	736.4	741.6	746.6	741.6	736.4	735.6	732.8	728.1	724.1	719.6
-65°	650.5	650.8	655.7	660.5	655.7	650.8	650.5	648.4	644.3	640.2	635.7
-67.5°	570.3	571.8	576.9	581.5	576.9	571.8	570.3	567.7	564.0	560.6	557.1
-70°	494.5	493.5	498.1	502.5	498.1	493.5	494.5	494.3	493.0	490.7	487.2
-72.5°	423.1	422.0	423.1	423.6	423.1	422.0	423.1	423.1	421.9	419.5	416.3
-75°	350.0	350.2	351.4	351.8	351.4	350.2	350.0	348.9	347.0	344.6	342.3
-77.5°	278.8	278.7	279.7	280.0	279.7	278.7	278.8	278.2	277.0	275.0	271.9
-80°	207.8	207.3	208.0	208.2	208.0	207.3	207.8	207.7	207.0	205.5	202.4
-82.5°	141.9	142.9	143.4	143.6	143.4	142.9	141.9	140.6	139.0	137.0	136.5
-85°	78.1	78.6	78.9	79.0	78.9	78.6	78.1	77.5	76.6	75.6	76.0
-87.5°	28.5	28.6	28.7	28.7	28.7	28.6	28.5	28.3	28.0	27.7	27.4
-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: P627515 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	27.0	26.5	26.0	25.5	24.9	24.2	23.5	22.8	22.0	21.2	20.3
85°	76.1	75.9	75.3	73.1	70.7	68.1	65.3	62.3	59.2	55.9	52.4
82.5°	135.6	134.3	132.4	127.5	122.4	117.3	112.3	107.8	103.1	98.1	92.9
80°	198.8	195.1	190.9	185.0	178.4	171.0	163.1	155.6	147.7	140.3	133.3
77.5°	267.9	263.0	256.8	249.1	240.8	231.7	222.1	212.2	202.3	191.9	181.0
75°	339.0	334.5	328.0	318.7	308.6	297.7	285.5	271.9	258.3	244.6	231.2
72.5°	412.1	406.8	399.3	388.6	376.5	363.5	349.6	334.1	317.1	298.6	281.7
70°	482.6	477.0	469.8	460.1	447.9	433.7	417.0	398.9	379.8	359.8	339.2
67.5°	552.0	544.9	537.3	528.7	518.0	504.6	486.9	465.9	443.8	421.1	397.4
65°	629.0	620.0	610.1	601.0	589.8	576.1	558.0	537.7	513.5	485.6	455.5
62.5°	713.2	705.0	690.9	676.0	661.2	645.4	624.8	602.8	580.5	554.7	518.9
60°	790.4	782.8	764.5	746.1	728.2	708.9	685.7	662.3	638.9	610.7	578.0
57.5°	852.0	840.2	823.0	805.5	787.8	764.3	739.6	716.4	690.7	663.5	633.0
55°	904.9	891.7	874.1	855.1	834.7	811.2	786.6	760.4	735.9	713.4	682.2
52.5°	958.8	942.3	923.3	902.8	880.2	855.0	828.7	801.2	777.2	753.9	727.8
50°	1017.5	996.5	973.7	949.9	925.7	898.5	870.0	840.8	817.8	793.6	767.3
47.5°	1080.5	1055.7	1028.7	1001.6	973.5	944.1	913.1	881.8	856.5	831.5	804.3
45°	1154.4	1122.9	1088.2	1057.0	1023.9	991.4	958.0	925.6	893.8	865.8	839.5
42.5°	1240.2	1202.8	1163.2	1120.7	1078.0	1040.7	1003.2	968.2	932.9	899.2	868.9
40°	1348.1	1293.5	1247.5	1195.1	1144.5	1093.4	1052.4	1010.3	971.7	933.5	898.7
37.5°	1490.5	1414.3	1348.1	1279.9	1219.3	1158.8	1106.1	1058.3	1010.3	969.2	930.1
35°	1682.5	1575.9	1472.1	1384.2	1302.8	1231.4	1164.6	1108.5	1055.6	1005.4	961.6
32.5°	1954.5	1798.2	1631.5	1512.9	1401.0	1308.3	1229.8	1160.0	1099.5	1044.2	994.1
30°	2381.0	2105.3	1868.9	1668.1	1523.6	1397.5	1296.1	1214.1	1143.1	1081.7	1025.9
27.5°	3076.2	2514.5	2187.2	1886.9	1663.8	1506.4	1374.7	1267.8	1185.4	1118.2	1057.2
25°	4203.7	3255.7	2593.2	2178.3	1854.9	1622.3	1459.4	1332.1	1231.2	1151.2	1079.6
22.5°	5855.3	4375.4	3235.7	2512.4	2088.8	1780.9	1559.6	1395.4	1272.2	1179.5	1101.6
20°	8459.7	5819.4	4171.4	3053.5	2363.7	1933.1	1665.8	1469.7	1322.4	1210.0	1121.1
17.5°	11579.2	8052.6	5231.1	3636.2	2720.0	2152.8	1789.7	1541.1	1366.6	1237.6	1137.5
15°	14722.8	10388.4	6859.2	4480.9	3108.6	2344.8	1896.3	1602.7	1410.0	1267.7	1158.2
12.5°	18194.4	12890.9	8303.8	5179.3	3509.0	2576.2	2032.2	1685.7	1457.3	1297.8	1178.1
10°	21193.2	15228.6	10040.3	6298.3	4035.7	2819.0	2156.8	1756.9	1496.9	1322.2	1193.6
7.5°	23893.3	17225.6	11496.6	7171.5	4444.1	3011.5	2256.7	1813.6	1526.6	1340.1	1204.6
5°	25809.5	18751.8	12668.0	7831.2	4736.4	3144.8	2326.3	1853.7	1546.2	1351.3	1211.0
2.5°	27005.0	19670.2	13432.0	8223.0	4879.4	3217.8	2369.9	1876.5	1562.7	1363.7	1214.5
0°	27114.4	19605.3	13539.2	8413.6	4788.3	3230.5	2390.5	1880.8	1572.2	1371.2	1213.2
-2.5°	27005.0	19670.2	13432.0	8223.0	4879.4	3217.8	2369.9	1876.5	1562.7	1363.7	1214.5
-5°	25809.5	18751.8	12668.0	7831.2	4736.4	3144.8	2326.3	1853.7	1546.2	1351.3	1211.0
-7.5°	23893.3	17225.6	11496.6	7171.5	4444.1	3011.5	2256.7	1813.6	1526.6	1340.1	1204.6
-10°	21193.2	15228.6	10040.3	6298.3	4035.7	2819.0	2156.8	1756.9	1496.9	1322.2	1193.6
-12.5°	18194.4	12890.9	8303.8	5179.3	3509.0	2576.2	2032.2	1685.7	1457.3	1297.8	1178.1
-15°	14722.8	10388.4	6859.2	4480.9	3108.6	2344.8	1896.3	1602.7	1410.0	1267.7	1158.2
-17.5°	11579.2	8052.6	5231.1	3636.2	2720.0	2152.8	1789.7	1541.1	1366.6	1237.6	1137.5
-20°	8459.7	5819.4	4171.4	3053.5	2363.7	1933.1	1665.8	1469.7	1322.4	1210.0	1121.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627515 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5855.3	4375.4	3235.7	2512.4	2088.8	1780.9	1559.6	1395.4	1272.2	1179.5	1101.6
-25°	4203.7	3255.7	2593.2	2178.3	1854.9	1622.3	1459.4	1332.1	1231.2	1151.2	1079.6
-27.5°	3076.2	2514.5	2187.2	1886.9	1663.8	1506.4	1374.7	1267.8	1185.4	1118.2	1057.2
-30°	2381.0	2105.3	1868.9	1668.1	1523.6	1397.5	1296.1	1214.1	1143.1	1081.7	1025.9
-32.5°	1954.5	1798.2	1631.5	1512.9	1401.0	1308.3	1229.8	1160.0	1099.5	1044.2	994.1
-35°	1682.5	1575.9	1472.1	1384.2	1302.8	1231.4	1164.6	1108.5	1055.6	1005.4	961.6
-37.5°	1490.5	1414.3	1348.1	1279.9	1219.3	1158.8	1106.1	1058.3	1010.3	969.2	930.1
-40°	1348.1	1293.5	1247.5	1195.1	1144.5	1093.4	1052.4	1010.3	971.7	933.5	898.7
-42.5°	1240.2	1202.8	1163.2	1120.7	1078.0	1040.7	1003.2	968.2	932.9	899.2	868.9
-45°	1154.4	1122.9	1088.2	1057.0	1023.9	991.4	958.0	925.6	893.8	865.8	839.5
-47.5°	1080.5	1055.7	1028.7	1001.6	973.5	944.1	913.1	881.8	856.5	831.5	804.3
-50°	1017.5	996.5	973.7	949.9	925.7	898.5	870.0	840.8	817.8	793.6	767.3
-52.5°	958.8	942.3	923.3	902.8	880.2	855.0	828.7	801.2	777.2	753.9	727.8
-55°	904.9	891.7	874.1	855.1	834.7	811.2	786.6	760.4	735.9	713.4	682.2
-57.5°	852.0	840.2	823.0	805.5	787.8	764.3	739.6	716.4	690.7	663.5	633.0
-60°	790.4	782.8	764.5	746.1	728.2	708.9	685.7	662.3	638.9	610.7	578.0
-62.5°	713.2	705.0	690.9	676.0	661.2	645.4	624.8	602.8	580.5	554.7	518.9
-65°	629.0	620.0	610.1	601.0	589.8	576.1	558.0	537.7	513.5	485.6	455.5
-67.5°	552.0	544.9	537.3	528.7	518.0	504.6	486.9	465.9	443.8	421.1	397.4
-70°	482.6	477.0	469.8	460.1	447.9	433.7	417.0	398.9	379.8	359.8	339.2
-72.5°	412.1	406.8	399.3	388.6	376.5	363.5	349.6	334.1	317.1	298.6	281.7
-75°	339.0	334.5	328.0	318.7	308.6	297.7	285.5	271.9	258.3	244.6	231.2
-77.5°	267.9	263.0	256.8	249.1	240.8	231.7	222.1	212.2	202.3	191.9	181.0
-80°	198.8	195.1	190.9	185.0	178.4	171.0	163.1	155.6	147.7	140.3	133.3
-82.5°	135.6	134.3	132.4	127.5	122.4	117.3	112.3	107.8	103.1	98.1	92.9
-85°	76.1	75.9	75.3	73.1	70.7	68.1	65.3	62.3	59.2	55.9	52.4
-87.5°	27.0	26.5	26.0	25.5	24.9	24.2	23.5	22.8	22.0	21.2	20.3
-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: P627515 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA4E-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.4	18.4	17.5	16.5	15.4	14.3	13.2	12.1	11.0	9.8	8.6
85°	48.8	45.0	41.1	37.1	32.9	28.7	26.5	24.2	21.9	19.6	17.2
82.5°	87.5	81.8	75.9	69.9	63.6	57.2	50.6	43.9	36.8	30.0	25.8
80°	126.1	118.5	110.7	102.7	94.5	85.7	76.9	67.8	57.7	48.1	38.9
77.5°	169.7	157.9	145.6	135.5	126.2	115.9	104.7	92.2	78.5	66.1	54.2
75°	217.5	203.2	188.6	174.1	160.2	146.2	133.4	118.7	101.5	84.1	69.3
72.5°	266.7	250.3	232.5	214.3	197.9	181.0	163.6	144.9	125.2	105.3	85.1
70°	318.8	298.5	278.6	258.0	236.9	215.6	195.5	173.1	148.7	126.2	103.4
67.5°	372.7	348.7	324.9	301.5	277.5	252.9	227.6	201.4	174.3	146.8	121.4
65°	428.1	399.6	370.5	344.5	317.6	290.1	261.9	230.0	199.5	169.2	139.1
62.5°	484.3	451.3	419.2	387.6	357.2	326.8	295.2	259.4	224.4	191.2	157.9
60°	541.1	503.1	466.8	431.6	396.8	362.9	327.3	287.9	249.8	212.8	176.7
57.5°	595.4	553.6	512.4	473.8	436.0	398.4	358.6	316.2	274.3	234.1	195.2
55°	648.2	605.4	557.1	513.2	473.0	433.0	388.9	343.9	298.2	254.9	213.1
52.5°	694.8	652.2	602.0	551.8	506.8	464.9	417.7	370.8	322.4	274.8	230.4
50°	736.9	693.8	643.5	590.5	539.2	492.8	445.2	395.7	345.9	294.3	247.3
47.5°	773.3	732.0	682.3	626.9	572.1	519.6	470.2	419.3	368.4	314.4	263.5
45°	806.3	768.7	719.5	662.7	602.7	546.9	493.8	441.6	388.4	333.7	279.0
42.5°	837.0	800.6	755.6	697.6	633.7	573.1	516.3	462.1	407.1	352.1	294.6
40°	864.9	828.4	789.3	730.3	663.1	597.6	538.5	481.4	424.8	368.9	309.6
37.5°	892.5	854.7	814.2	760.7	690.6	622.6	559.1	499.7	441.7	383.9	323.8
35°	920.7	880.3	836.0	784.8	717.0	645.7	578.1	517.0	457.6	398.0	337.0
32.5°	947.9	903.3	856.0	805.0	741.5	666.6	596.6	533.7	472.6	411.2	349.1
30°	974.5	922.2	873.8	825.7	762.9	687.1	614.8	549.2	486.4	423.4	360.2
27.5°	994.7	938.6	889.4	842.0	780.9	706.1	632.4	563.5	499.2	434.7	370.0
25°	1013.0	954.4	902.9	854.8	798.6	725.7	648.5	576.6	510.8	445.0	378.9
22.5°	1031.2	968.2	914.1	865.8	815.4	743.3	663.8	589.7	521.3	454.2	386.9
20°	1046.9	979.2	923.3	875.9	826.5	757.1	678.1	601.4	530.6	462.4	394.1
17.5°	1060.4	990.5	933.1	884.1	834.2	768.7	690.6	611.5	538.7	469.5	400.2
15°	1074.1	1002.2	941.3	890.5	840.9	778.2	701.2	620.1	545.6	475.5	406.0
12.5°	1085.9	1010.9	947.7	895.1	846.5	785.7	710.0	627.2	551.2	481.1	411.3
10°	1095.0	1016.6	952.3	897.9	850.9	791.1	716.9	633.8	557.9	486.2	415.7
7.5°	1101.4	1019.4	954.9	899.1	854.0	795.9	723.6	641.1	563.8	490.2	419.2
5°	1105.8	1020.7	956.6	901.7	855.8	800.4	728.5	646.7	568.6	493.0	421.6
2.5°	1110.9	1021.2	956.7	903.8	855.9	803.1	731.3	650.8	572.1	494.7	423.1
0°	1112.7	1019.4	954.8	904.5	854.3	804.0	732.2	653.3	574.3	495.3	423.6
-2.5°	1110.9	1021.2	956.7	903.8	855.9	803.1	731.3	650.8	572.1	494.7	423.1
-5°	1105.8	1020.7	956.6	901.7	855.8	800.4	728.5	646.7	568.6	493.0	421.6
-7.5°	1101.4	1019.4	954.9	899.1	854.0	795.9	723.6	641.1	563.8	490.2	419.2
-10°	1095.0	1016.6	952.3	897.9	850.9	791.1	716.9	633.8	557.9	486.2	415.7
-12.5°	1085.9	1010.9	947.7	895.1	846.5	785.7	710.0	627.2	551.2	481.1	411.3
-15°	1074.1	1002.2	941.3	890.5	840.9	778.2	701.2	620.1	545.6	475.5	406.0
-17.5°	1060.4	990.5	933.1	884.1	834.2	768.7	690.6	611.5	538.7	469.5	400.2
-20°	1046.9	979.2	923.3	875.9	826.5	757.1	678.1	601.4	530.6	462.4	394.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627515 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1031.2	968.2	914.1	865.8	815.4	743.3	663.8	589.7	521.3	454.2	386.9
-25°	1013.0	954.4	902.9	854.8	798.6	725.7	648.5	576.6	510.8	445.0	378.9
-27.5°	994.7	938.6	889.4	842.0	780.9	706.1	632.4	563.5	499.2	434.7	370.0
-30°	974.5	922.2	873.8	825.7	762.9	687.1	614.8	549.2	486.4	423.4	360.2
-32.5°	947.9	903.3	856.0	805.0	741.5	666.6	596.6	533.7	472.6	411.2	349.1
-35°	920.7	880.3	836.0	784.8	717.0	645.7	578.1	517.0	457.6	398.0	337.0
-37.5°	892.5	854.7	814.2	760.7	690.6	622.6	559.1	499.7	441.7	383.9	323.8
-40°	864.9	828.4	789.3	730.3	663.1	597.6	538.5	481.4	424.8	368.9	309.6
-42.5°	837.0	800.6	755.6	697.6	633.7	573.1	516.3	462.1	407.1	352.1	294.6
-45°	806.3	768.7	719.5	662.7	602.7	546.9	493.8	441.6	388.4	333.7	279.0
-47.5°	773.3	732.0	682.3	626.9	572.1	519.6	470.2	419.3	368.4	314.4	263.5
-50°	736.9	693.8	643.5	590.5	539.2	492.8	445.2	395.7	345.9	294.3	247.3
-52.5°	694.8	652.2	602.0	551.8	506.8	464.9	417.7	370.8	322.4	274.8	230.4
-55°	648.2	605.4	557.1	513.2	473.0	433.0	388.9	343.9	298.2	254.9	213.1
-57.5°	595.4	553.6	512.4	473.8	436.0	398.4	358.6	316.2	274.3	234.1	195.2
-60°	541.1	503.1	466.8	431.6	396.8	362.9	327.3	287.9	249.8	212.8	176.7
-62.5°	484.3	451.3	419.2	387.6	357.2	326.8	295.2	259.4	224.4	191.2	157.9
-65°	428.1	399.6	370.5	344.5	317.6	290.1	261.9	230.0	199.5	169.2	139.1
-67.5°	372.7	348.7	324.9	301.5	277.5	252.9	227.6	201.4	174.3	146.8	121.4
-70°	318.8	298.5	278.6	258.0	236.9	215.6	195.5	173.1	148.7	126.2	103.4
-72.5°	266.7	250.3	232.5	214.3	197.9	181.0	163.6	144.9	125.2	105.3	85.1
-75°	217.5	203.2	188.6	174.1	160.2	146.2	133.4	118.7	101.5	84.1	69.3
-77.5°	169.7	157.9	145.6	135.5	126.2	115.9	104.7	92.2	78.5	66.1	54.2
-80°	126.1	118.5	110.7	102.7	94.5	85.7	76.9	67.8	57.7	48.1	38.9
-82.5°	87.5	81.8	75.9	69.9	63.6	57.2	50.6	43.9	36.8	30.0	25.8
-85°	48.8	45.0	41.1	37.1	32.9	28.7	26.5	24.2	21.9	19.6	17.2
-87.5°	19.4	18.4	17.5	16.5	15.4	14.3	13.2	12.1	11.0	9.8	8.6
-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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Scaled Data Report



REPORT NUMBER: P627515 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.4	6.2	5.0	3.7	2.5	1.3	0.0
85°	14.8	12.4	10.0	7.5	5.0	2.5	0.0
82.5°	22.2	18.6	14.9	11.2	7.5	3.7	0.0
80°	30.2	24.7	19.8	14.9	10.0	5.0	0.0
77.5°	43.0	32.4	24.7	18.6	12.4	6.2	0.0
75°	55.7	43.0	30.2	22.2	14.8	7.4	0.0
72.5°	68.2	53.5	38.6	25.8	17.2	8.6	0.0
70°	81.0	63.8	46.9	29.9	19.6	9.8	0.0
67.5°	96.7	74.0	55.1	36.0	21.9	11.0	0.0
65°	112.1	85.4	63.1	42.0	24.2	12.1	0.0
62.5°	127.2	98.0	70.9	47.9	26.5	13.2	0.0
60°	141.9	110.3	78.6	53.7	28.7	14.3	0.0
57.5°	157.5	122.4	88.1	59.3	32.4	15.4	0.0
55°	172.6	134.1	97.5	64.8	36.1	16.5	0.0
52.5°	187.2	145.5	106.6	70.1	39.6	17.5	0.0
50°	201.2	157.1	115.4	75.2	43.0	18.4	0.0
47.5°	214.7	168.2	123.9	80.5	46.3	19.4	0.0
45°	228.0	178.7	132.1	86.6	49.5	20.3	0.0
42.5°	240.7	188.8	139.9	92.5	52.5	21.2	0.0
40°	252.9	198.2	147.4	98.0	55.4	22.0	0.0
37.5°	264.4	207.1	154.5	103.2	58.2	22.8	0.0
35°	275.2	215.9	161.3	108.0	60.8	23.5	0.0
32.5°	285.5	224.4	167.5	112.4	63.2	24.2	0.0
30°	295.2	232.2	173.3	116.5	65.5	24.9	0.0
27.5°	304.1	239.5	178.5	120.2	67.6	25.5	0.0
25°	312.1	246.2	183.4	123.5	69.6	26.0	0.0
22.5°	319.3	252.1	187.8	126.4	71.3	26.5	0.0
20°	325.5	257.4	191.9	129.0	72.9	27.0	0.0
17.5°	331.3	261.8	195.6	131.2	74.3	27.4	0.0
15°	336.5	265.5	198.8	133.0	75.6	27.7	0.0
12.5°	341.0	268.5	201.6	134.5	76.6	28.0	0.0
10°	344.8	270.7	203.9	135.6	77.5	28.3	0.0
7.5°	347.8	272.3	205.8	136.3	78.1	28.5	0.0
5°	350.0	273.1	207.1	136.7	78.6	28.6	0.0
2.5°	351.3	273.3	207.9	136.7	78.9	28.7	0.0
0°	351.8	272.8	208.2	136.4	79.0	28.7	0.0
-2.5°	351.3	273.3	207.9	136.7	78.9	28.7	0.0
-5°	350.0	273.1	207.1	136.7	78.6	28.6	0.0
-7.5°	347.8	272.3	205.8	136.3	78.1	28.5	0.0
-10°	344.8	270.7	203.9	135.6	77.5	28.3	0.0
-12.5°	341.0	268.5	201.6	134.5	76.6	28.0	0.0
-15°	336.5	265.5	198.8	133.0	75.6	27.7	0.0
-17.5°	331.3	261.8	195.6	131.2	74.3	27.4	0.0
-20°	325.5	257.4	191.9	129.0	72.9	27.0	0.0

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Scaled Data Report



REPORT NUMBER: P627515 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4E-735-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	319.3	252.1	187.8	126.4	71.3	26.5	0.0
-25°	312.1	246.2	183.4	123.5	69.6	26.0	0.0
-27.5°	304.1	239.5	178.5	120.2	67.6	25.5	0.0
-30°	295.2	232.2	173.3	116.5	65.5	24.9	0.0
-32.5°	285.5	224.4	167.5	112.4	63.2	24.2	0.0
-35°	275.2	215.9	161.3	108.0	60.8	23.5	0.0
-37.5°	264.4	207.1	154.5	103.2	58.2	22.8	0.0
-40°	252.9	198.2	147.4	98.0	55.4	22.0	0.0
-42.5°	240.7	188.8	139.9	92.5	52.5	21.2	0.0
-45°	228.0	178.7	132.1	86.6	49.5	20.3	0.0
-47.5°	214.7	168.2	123.9	80.5	46.3	19.4	0.0
-50°	201.2	157.1	115.4	75.2	43.0	18.4	0.0
-52.5°	187.2	145.5	106.6	70.1	39.6	17.5	0.0
-55°	172.6	134.1	97.5	64.8	36.1	16.5	0.0
-57.5°	157.5	122.4	88.1	59.3	32.4	15.4	0.0
-60°	141.9	110.3	78.6	53.7	28.7	14.3	0.0
-62.5°	127.2	98.0	70.9	47.9	26.5	13.2	0.0
-65°	112.1	85.4	63.1	42.0	24.2	12.1	0.0
-67.5°	96.7	74.0	55.1	36.0	21.9	11.0	0.0
-70°	81.0	63.8	46.9	29.9	19.6	9.8	0.0
-72.5°	68.2	53.5	38.6	25.8	17.2	8.6	0.0
-75°	55.7	43.0	30.2	22.2	14.8	7.4	0.0
-77.5°	43.0	32.4	24.7	18.6	12.4	6.2	0.0
-80°	30.2	24.7	19.8	14.9	10.0	5.0	0.0
-82.5°	22.2	18.6	14.9	11.2	7.5	3.7	0.0
-85°	14.8	12.4	10.0	7.5	5.0	2.5	0.0
-87.5°	7.4	6.2	5.0	3.7	2.5	1.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)