

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: P627881 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-735-U-VWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627881 (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-SA6C-735-U-VWR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N146  
Light Source: (96) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: -

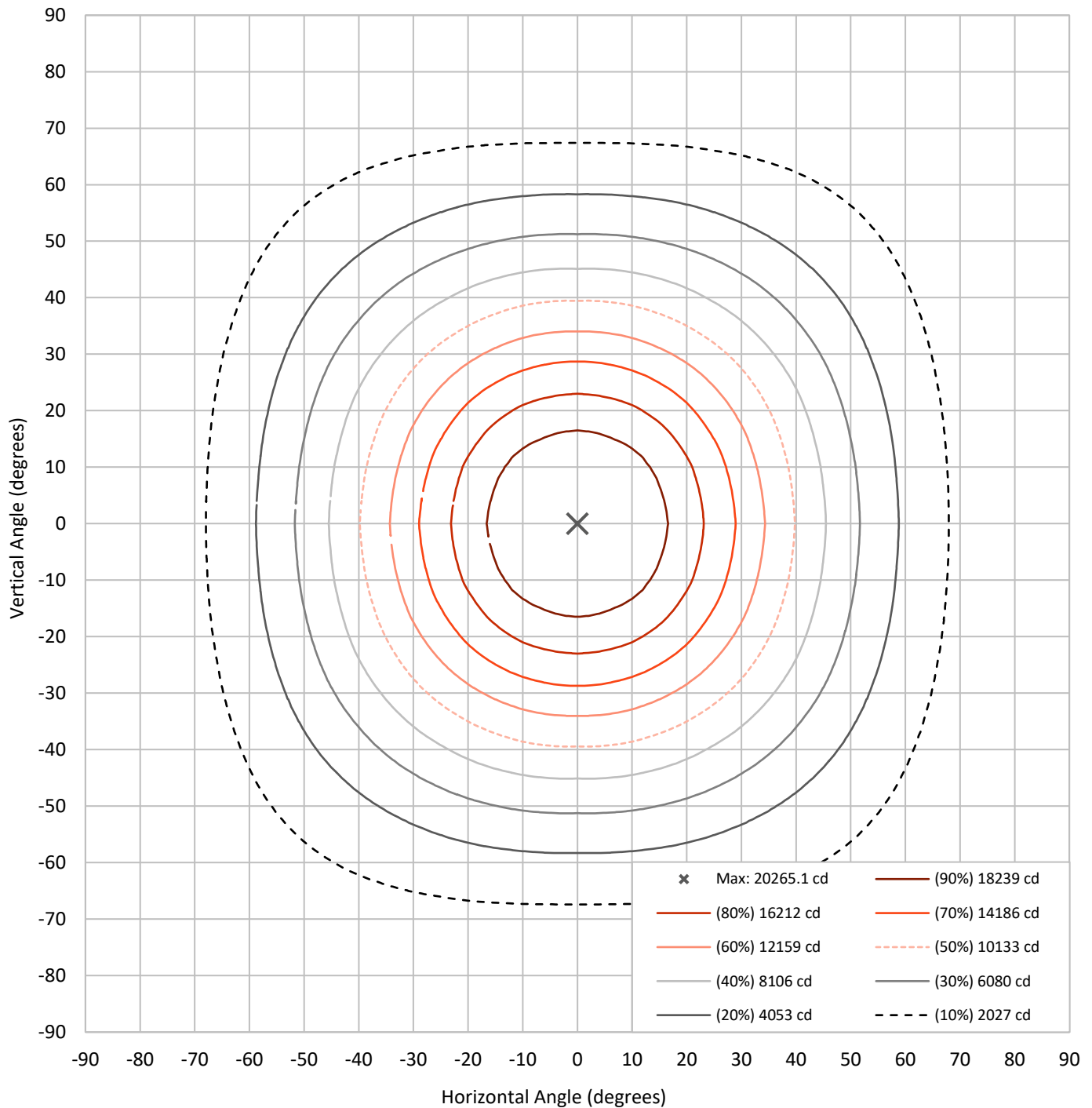
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	36627.4 lumens	Max Intensity:	20265.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	148.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' 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:	21482.2 lumens	Field Lumens:	34918 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	247.5		
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





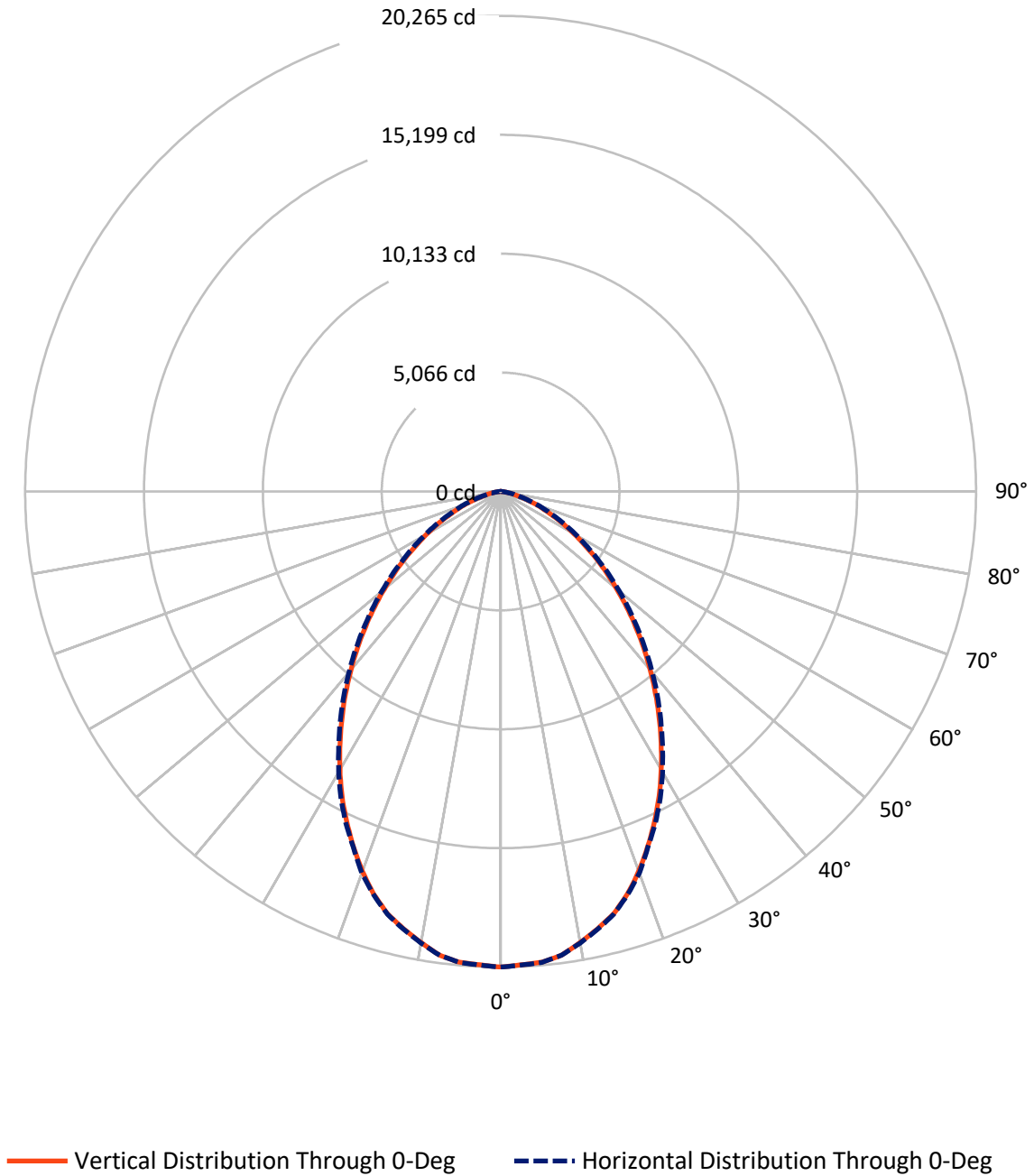
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### Lumen Table

90																			
80	1.2	15.0		40.9		69.4		65.4		69.4		40.9		15.0		1.2			
70																			
60	6.8	9.4	19.0	32.3	47.3	61.0	71.4	76.4	76.4	71.4	61.0	47.3	32.3	19.0	9.4	6.8			
50		14.1	30.8	54.9	83.2	113.1	137.6	150.4	150.4	137.6	113.1	83.2	54.9	30.8	14.1				
40	12.0	18.9	44.5	82.2	130.3	180.6	222.7	245.8	245.8	222.7	180.6	130.3	82.2	44.5	18.9	12.0			
30		23.9	59.0	113.2	182.4	255.7	318.3	353.9	353.9	318.3	255.7	182.4	113.2	59.0	23.9				
20	15.4	28.6	72.6	142.3	232.2	329.6	414.6	463.4	463.4	414.6	329.6	232.2	142.3	72.6	28.6	15.4			
10		32.3	83.1	164.1	271.1	389.6	494.1	553.5	553.5	494.1	389.6	271.1	164.1	83.1	32.3				
0	16.7	34.3	88.9	176.5	292.7	422.8	537.0	599.5	599.5	537.0	422.8	292.7	176.5	88.9	34.3	16.7			
-10		34.3	88.9	176.5	292.7	422.8	537.0	599.5	599.5	537.0	422.8	292.7	176.5	88.9	34.3				
-20	15.4	32.3	83.1	164.1	271.1	389.6	494.1	553.5	553.5	494.1	389.6	271.1	164.1	83.1	32.3	15.4			
-30		28.6	72.6	142.3	232.2	329.6	414.6	463.4	463.4	414.6	329.6	232.2	142.3	72.6	28.6				
-40	12.0	23.9	59.0	113.2	182.4	255.7	318.3	353.9	353.9	318.3	255.7	182.4	113.2	59.0	23.9	12.0			
-50		18.9	44.5	82.2	130.3	180.6	222.7	245.8	245.8	222.7	180.6	130.3	82.2	44.5	18.9				
-60	6.8	14.1	30.8	54.9	83.2	113.1	137.6	150.4	150.4	137.6	113.1	83.2	54.9	30.8	14.1	6.8			
-70		9.4	19.0	32.3	47.3	61.0	71.4	76.4	76.4	71.4	61.0	47.3	32.3	19.0	9.4				
-80	1.2	15.0		40.9		69.4		65.4		69.4		40.9		15.0		1.2			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

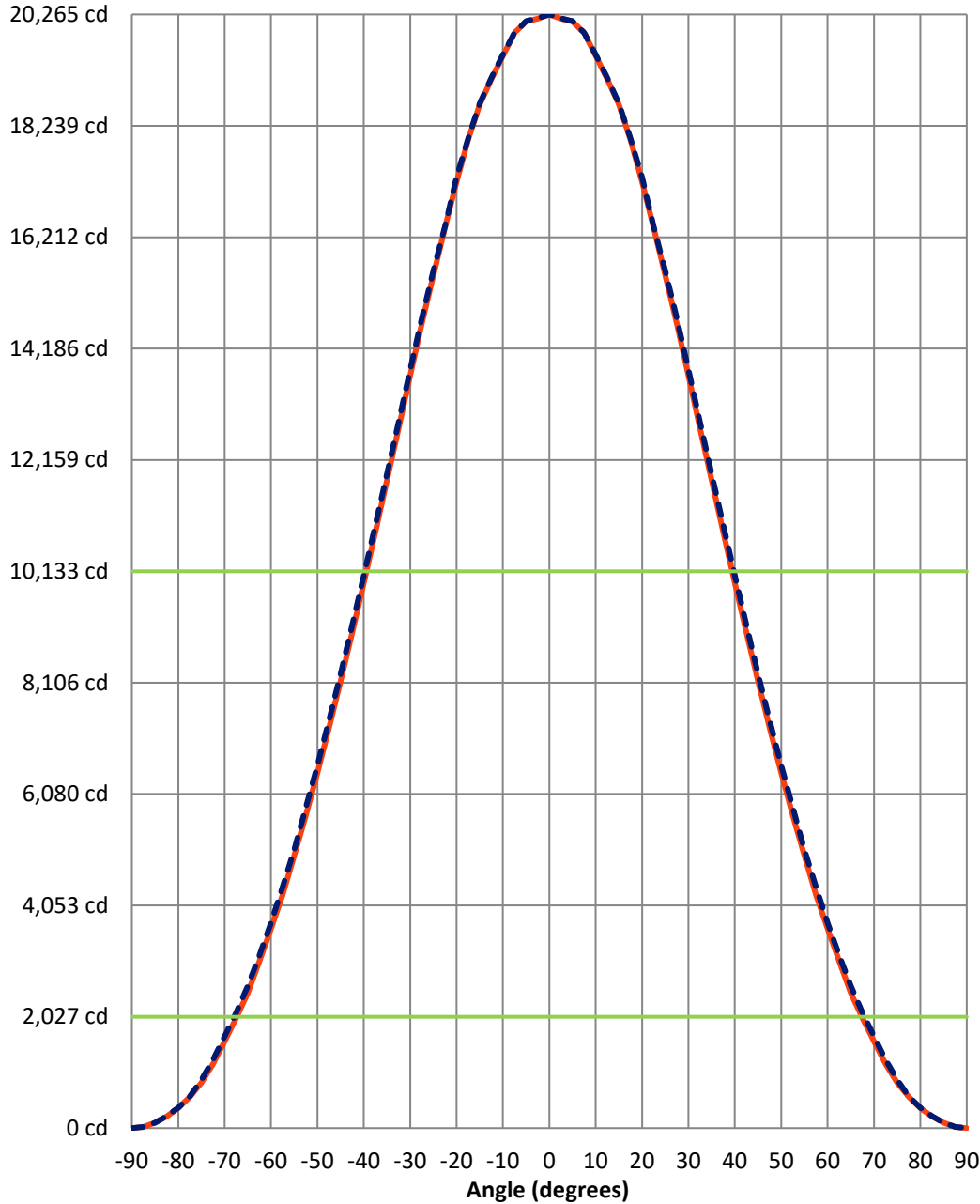
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 79.6°  
 V Angle: 78.9°  
 Lumens: 21482.2  
 Efficiency: 58.7%

**Field:**  
 H Angle: 135.9°  
 V Angle: 134.8°  
 Lumens: 34918  
 Efficiency: 95.3%

**Spill:**  
 Lumens: 1709.4  
 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	1.2	2.6	4.0	5.3	6.6	7.9	9.1	10.4	11.6	12.8
85°	0.0	2.3	5.3	7.9	10.5	13.1	15.7	18.3	20.8	23.2	25.7
82.5°	0.0	3.5	7.9	11.9	15.8	19.7	23.5	27.4	34.2	53.9	72.7
80°	0.0	4.6	10.5	15.8	21.0	26.2	35.4	63.0	89.6	115.1	139.6
77.5°	0.0	5.7	13.1	19.7	26.2	41.0	77.1	111.9	144.6	176.1	215.0
75°	0.0	6.8	15.6	23.5	34.1	71.0	117.8	160.5	201.4	257.6	317.3
72.5°	0.0	7.9	18.1	27.4	54.4	100.1	157.3	212.7	276.9	345.3	417.8
70°	0.0	9.0	20.5	32.8	74.0	128.2	196.7	275.3	350.8	431.4	525.6
67.5°	0.0	10.1	22.8	44.9	92.8	155.1	244.0	336.4	423.2	524.9	633.0
65°	0.0	11.1	25.1	56.5	110.8	185.2	289.3	395.9	501.2	615.7	733.4
62.5°	0.0	12.1	27.3	67.6	127.8	218.2	332.3	458.0	576.7	702.5	823.3
60°	0.0	13.0	29.4	78.1	143.8	249.4	372.8	519.6	649.4	783.6	911.9
57.5°	0.0	14.0	35.3	88.0	165.2	278.7	415.4	577.1	721.1	863.4	995.9
55°	0.0	14.9	41.0	97.2	185.5	306.0	455.8	626.7	791.5	940.5	1076.5
52.5°	0.0	15.7	46.6	105.7	204.4	331.9	493.2	678.3	860.4	1011.4	1155.0
50°	0.0	16.5	51.9	113.5	221.9	359.3	527.5	727.4	925.8	1080.2	1245.1
47.5°	0.0	17.3	57.0	121.6	237.8	384.4	559.6	772.9	985.0	1146.8	1333.3
45°	0.0	18.0	61.8	132.2	252.1	407.1	595.3	815.0	1031.0	1222.2	1417.7
42.5°	0.0	18.7	66.3	141.7	264.7	427.2	628.0	853.6	1075.1	1294.3	1517.0
40°	0.0	19.3	70.6	151.5	277.4	444.8	657.7	890.2	1120.9	1361.9	1613.9
37.5°	0.0	19.9	74.6	161.2	290.1	459.8	684.3	924.9	1172.3	1426.0	1704.7
35°	0.0	20.5	78.3	170.2	300.9	477.1	707.8	957.6	1222.5	1499.9	1796.2
32.5°	0.0	21.0	81.8	178.5	309.9	494.5	729.5	988.1	1271.1	1570.8	1893.1
30°	0.0	21.4	84.9	186.1	317.2	509.3	752.1	1018.7	1318.1	1638.6	1983.6
27.5°	0.0	21.8	87.7	192.9	328.0	521.6	772.3	1054.3	1366.4	1703.0	2067.7
25°	0.0	22.1	90.3	199.1	338.2	531.3	790.2	1087.3	1416.8	1768.5	2145.4
22.5°	0.0	22.4	92.5	204.5	347.2	541.1	805.4	1117.5	1463.1	1830.5	2228.2
20°	0.0	22.6	94.4	209.2	354.9	554.6	818.1	1144.8	1505.2	1886.0	2302.4
17.5°	0.0	22.8	96.0	213.2	361.4	565.6	833.9	1168.7	1542.7	1934.6	2367.8
15°	0.0	23.0	97.3	216.4	366.6	574.1	850.3	1191.5	1575.3	1976.3	2424.3
12.5°	0.0	23.1	98.3	218.9	370.6	580.3	863.6	1213.0	1604.8	2010.9	2471.5
10°	0.0	23.1	99.0	220.6	373.4	584.1	873.8	1229.5	1630.2	2043.4	2511.3
7.5°	0.0	23.1	99.4	221.6	374.9	585.7	880.7	1241.1	1649.8	2069.6	2545.7
5°	0.0	23.0	99.4	221.9	375.2	585.0	884.3	1247.6	1663.3	2088.6	2570.3
2.5°	0.0	22.9	99.2	221.4	374.3	582.2	884.4	1249.2	1670.4	2100.1	2585.2
0°	0.0	22.8	98.7	220.3	372.2	577.3	881.1	1245.7	1671.0	2104.0	2590.1
-2.5°	0.0	22.9	99.2	221.4	374.3	582.2	884.4	1249.2	1670.4	2100.1	2585.2
-5°	0.0	23.0	99.4	221.9	375.2	585.0	884.3	1247.6	1663.3	2088.6	2570.3
-7.5°	0.0	23.1	99.4	221.6	374.9	585.7	880.7	1241.1	1649.8	2069.6	2545.7
-10°	0.0	23.1	99.0	220.6	373.4	584.1	873.8	1229.5	1630.2	2043.4	2511.3
-12.5°	0.0	23.1	98.3	218.9	370.6	580.3	863.6	1213.0	1604.8	2010.9	2471.5
-15°	0.0	23.0	97.3	216.4	366.6	574.1	850.3	1191.5	1575.3	1976.3	2424.3
-17.5°	0.0	22.8	96.0	213.2	361.4	565.6	833.9	1168.7	1542.7	1934.6	2367.8
-20°	0.0	22.6	94.4	209.2	354.9	554.6	818.1	1144.8	1505.2	1886.0	2302.4

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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	22.4	92.5	204.5	347.2	541.1	805.4	1117.5	1463.1	1830.5	2228.2
-25°	0.0	22.1	90.3	199.1	338.2	531.3	790.2	1087.3	1416.8	1768.5	2145.4
-27.5°	0.0	21.8	87.7	192.9	328.0	521.6	772.3	1054.3	1366.4	1703.0	2067.7
-30°	0.0	21.4	84.9	186.1	317.2	509.3	752.1	1018.7	1318.1	1638.6	1983.6
-32.5°	0.0	21.0	81.8	178.5	309.9	494.5	729.5	988.1	1271.1	1570.8	1893.1
-35°	0.0	20.5	78.3	170.2	300.9	477.1	707.8	957.6	1222.5	1499.9	1796.2
-37.5°	0.0	19.9	74.6	161.2	290.1	459.8	684.3	924.9	1172.3	1426.0	1704.7
-40°	0.0	19.3	70.6	151.5	277.4	444.8	657.7	890.2	1120.9	1361.9	1613.9
-42.5°	0.0	18.7	66.3	141.7	264.7	427.2	628.0	853.6	1075.1	1294.3	1517.0
-45°	0.0	18.0	61.8	132.2	252.1	407.1	595.3	815.0	1031.0	1222.2	1417.7
-47.5°	0.0	17.3	57.0	121.6	237.8	384.4	559.6	772.9	985.0	1146.8	1333.3
-50°	0.0	16.5	51.9	113.5	221.9	359.3	527.5	727.4	925.8	1080.2	1245.1
-52.5°	0.0	15.7	46.6	105.7	204.4	331.9	493.2	678.3	860.4	1011.4	1155.0
-55°	0.0	14.9	41.0	97.2	185.5	306.0	455.8	626.7	791.5	940.5	1076.5
-57.5°	0.0	14.0	35.3	88.0	165.2	278.7	415.4	577.1	721.1	863.4	995.9
-60°	0.0	13.0	29.4	78.1	143.8	249.4	372.8	519.6	649.4	783.6	911.9
-62.5°	0.0	12.1	27.3	67.6	127.8	218.2	332.3	458.0	576.7	702.5	823.3
-65°	0.0	11.1	25.1	56.5	110.8	185.2	289.3	395.9	501.2	615.7	733.4
-67.5°	0.0	10.1	22.8	44.9	92.8	155.1	244.0	336.4	423.2	524.9	633.0
-70°	0.0	9.0	20.5	32.8	74.0	128.2	196.7	275.3	350.8	431.4	525.6
-72.5°	0.0	7.9	18.1	27.4	54.4	100.1	157.3	212.7	276.9	345.3	417.8
-75°	0.0	6.8	15.6	23.5	34.1	71.0	117.8	160.5	201.4	257.6	317.3
-77.5°	0.0	5.7	13.1	19.7	26.2	41.0	77.1	111.9	144.6	176.1	215.0
-80°	0.0	4.6	10.5	15.8	21.0	26.2	35.4	63.0	89.6	115.1	139.6
-82.5°	0.0	3.5	7.9	11.9	15.8	19.7	23.5	27.4	34.2	53.9	72.7
-85°	0.0	2.3	5.3	7.9	10.5	13.1	15.7	18.3	20.8	23.2	25.7
-87.5°	0.0	1.2	2.6	4.0	5.3	6.6	7.9	9.1	10.4	11.6	12.8
-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	17.1	19.4	21.8	22.0	22.0	21.8	21.5	22.4	23.3	24.1
85°	29.7	34.1	47.4	60.1	66.3	70.1	71.8	71.5	83.2	96.7	111.3
82.5°	92.4	111.5	129.6	146.9	151.4	151.5	150.0	150.5	177.8	209.1	241.2
80°	164.6	188.7	220.8	249.2	261.5	267.9	270.8	270.4	304.9	351.0	399.4
77.5°	261.1	301.7	337.1	367.3	383.5	397.8	409.4	418.4	462.8	521.1	578.8
75°	371.0	415.6	460.0	498.6	525.7	545.7	564.4	594.4	652.6	720.5	779.6
72.5°	487.0	544.0	593.4	635.4	673.3	713.6	758.7	808.0	869.5	937.3	999.1
70°	611.0	673.6	725.3	775.9	827.6	887.9	955.5	1022.0	1090.5	1165.4	1237.4
67.5°	732.2	792.6	853.5	917.3	994.6	1075.4	1155.3	1247.1	1341.0	1424.1	1498.5
65°	837.4	908.3	984.5	1071.1	1166.6	1269.2	1375.9	1486.0	1605.1	1704.9	1795.9
62.5°	938.0	1023.2	1115.9	1223.7	1345.5	1467.0	1603.1	1740.9	1875.0	1992.6	2101.3
60°	1030.6	1133.8	1251.0	1383.2	1525.4	1686.9	1841.9	1998.7	2145.7	2278.9	2416.3
57.5°	1120.8	1250.7	1391.3	1550.0	1729.8	1911.2	2093.5	2262.0	2428.4	2590.7	2746.1
55°	1216.2	1372.7	1540.0	1734.7	1937.4	2152.0	2348.3	2536.4	2719.7	2916.7	3103.9
52.5°	1321.2	1496.1	1705.4	1923.3	2157.5	2387.8	2603.4	2817.7	3039.3	3262.2	3506.0
50°	1422.6	1640.5	1869.9	2123.3	2376.3	2623.0	2870.2	3117.1	3382.6	3656.0	3932.2
47.5°	1540.9	1778.7	2049.7	2321.5	2598.0	2872.5	3148.0	3446.3	3748.0	4065.1	4370.6
45°	1660.7	1928.0	2220.1	2527.4	2826.3	3130.3	3452.4	3782.2	4136.0	4484.7	4852.2
42.5°	1774.2	2076.5	2398.4	2730.2	3062.8	3402.4	3756.6	4141.9	4528.5	4930.6	5334.5
40°	1900.0	2217.6	2572.5	2938.1	3298.9	3675.5	4080.3	4497.5	4934.9	5377.1	5815.6
37.5°	2020.9	2370.0	2743.1	3136.6	3541.5	3955.3	4394.9	4868.5	5342.8	5818.6	6302.3
35°	2134.2	2514.6	2918.7	3336.4	3765.9	4236.5	4727.9	5233.4	5747.3	6262.0	6782.3
32.5°	2250.7	2650.8	3086.4	3533.5	4006.7	4511.5	5049.7	5597.5	6144.8	6694.4	7263.9
30°	2367.4	2793.8	3248.9	3719.9	4237.5	4787.4	5365.9	5946.1	6525.2	7129.9	7736.8
27.5°	2477.7	2929.4	3408.6	3912.5	4458.7	5043.0	5657.4	6278.9	6903.2	7546.2	8193.5
25°	2579.4	3057.8	3556.8	4097.9	4676.8	5288.9	5928.9	6577.5	7262.2	7950.2	8626.1
22.5°	2678.4	3175.8	3694.0	4268.7	4874.4	5517.3	6183.7	6868.6	7584.0	8322.9	9022.4
20°	2773.7	3288.1	3827.5	4423.5	5051.4	5722.9	6415.3	7132.4	7883.0	8641.7	9394.1
17.5°	2858.3	3388.0	3951.9	4568.1	5220.3	5910.8	6623.9	7364.6	8148.7	8935.1	9732.3
15°	2932.0	3474.9	4059.6	4694.4	5369.6	6081.6	6817.6	7579.4	8383.6	9202.4	10031.2
12.5°	2994.3	3548.5	4150.2	4801.7	5496.3	6228.2	6984.0	7772.5	8598.5	9440.2	10293.1
10°	3045.0	3608.4	4223.6	4889.4	5599.8	6349.3	7121.0	7931.8	8782.5	9642.5	10513.3
7.5°	3088.1	3658.5	4281.7	4957.1	5679.5	6444.1	7227.7	8056.1	8929.0	9800.3	10690.2
5°	3119.4	3698.9	4335.2	5013.8	5748.9	6518.2	7308.5	8144.6	9036.2	9912.6	10818.5
2.5°	3138.3	3725.2	4371.6	5050.6	5803.3	6573.7	7380.4	8222.8	9114.8	10001.8	10915.0
0°	3144.6	3737.0	4390.3	5066.3	5833.4	6600.6	7420.9	8264.0	9152.7	10056.6	10975.7
-2.5°	3138.3	3725.2	4371.6	5050.6	5803.3	6573.7	7380.4	8222.8	9114.8	10001.8	10915.0
-5°	3119.4	3698.9	4335.2	5013.8	5748.9	6518.2	7308.5	8144.6	9036.2	9912.6	10818.5
-7.5°	3088.1	3658.5	4281.7	4957.1	5679.5	6444.1	7227.7	8056.1	8929.0	9800.3	10690.2
-10°	3045.0	3608.4	4223.6	4889.4	5599.8	6349.3	7121.0	7931.8	8782.5	9642.5	10513.3
-12.5°	2994.3	3548.5	4150.2	4801.7	5496.3	6228.2	6984.0	7772.5	8598.5	9440.2	10293.1
-15°	2932.0	3474.9	4059.6	4694.4	5369.6	6081.6	6817.6	7579.4	8383.6	9202.4	10031.2
-17.5°	2858.3	3388.0	3951.9	4568.1	5220.3	5910.8	6623.9	7364.6	8148.7	8935.1	9732.3
-20°	2773.7	3288.1	3827.5	4423.5	5051.4	5722.9	6415.3	7132.4	7883.0	8641.7	9394.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627881 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-735-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°	2678.4	3175.8	3694.0	4268.7	4874.4	5517.3	6183.7	6868.6	7584.0	8322.9	9022.4
-25°	2579.4	3057.8	3556.8	4097.9	4676.8	5288.9	5928.9	6577.5	7262.2	7950.2	8626.1
-27.5°	2477.7	2929.4	3408.6	3912.5	4458.7	5043.0	5657.4	6278.9	6903.2	7546.2	8193.5
-30°	2367.4	2793.8	3248.9	3719.9	4237.5	4787.4	5365.9	5946.1	6525.2	7129.9	7736.8
-32.5°	2250.7	2650.8	3086.4	3533.5	4006.7	4511.5	5049.7	5597.5	6144.8	6694.4	7263.9
-35°	2134.2	2514.6	2918.7	3336.4	3765.9	4236.5	4727.9	5233.4	5747.3	6262.0	6782.3
-37.5°	2020.9	2370.0	2743.1	3136.6	3541.5	3955.3	4394.9	4868.5	5342.8	5818.6	6302.3
-40°	1900.0	2217.6	2572.5	2938.1	3298.9	3675.5	4080.3	4497.5	4934.9	5377.1	5815.6
-42.5°	1774.2	2076.5	2398.4	2730.2	3062.8	3402.4	3756.6	4141.9	4528.5	4930.6	5334.5
-45°	1660.7	1928.0	2220.1	2527.4	2826.3	3130.3	3452.4	3782.2	4136.0	4484.7	4852.2
-47.5°	1540.9	1778.7	2049.7	2321.5	2598.0	2872.5	3148.0	3446.3	3748.0	4065.1	4370.6
-50°	1422.6	1640.5	1869.9	2123.3	2376.3	2623.0	2870.2	3117.1	3382.6	3656.0	3932.2
-52.5°	1321.2	1496.1	1705.4	1923.3	2157.5	2387.8	2603.4	2817.7	3039.3	3262.2	3506.0
-55°	1216.2	1372.7	1540.0	1734.7	1937.4	2152.0	2348.3	2536.4	2719.7	2916.7	3103.9
-57.5°	1120.8	1250.7	1391.3	1550.0	1729.8	1911.2	2093.5	2262.0	2428.4	2590.7	2746.1
-60°	1030.6	1133.8	1251.0	1383.2	1525.4	1686.9	1841.9	1998.7	2145.7	2278.9	2416.3
-62.5°	938.0	1023.2	1115.9	1223.7	1345.5	1467.0	1603.1	1740.9	1875.0	1992.6	2101.3
-65°	837.4	908.3	984.5	1071.1	1166.6	1269.2	1375.9	1486.0	1605.1	1704.9	1795.9
-67.5°	732.2	792.6	853.5	917.3	994.6	1075.4	1155.3	1247.1	1341.0	1424.1	1498.5
-70°	611.0	673.6	725.3	775.9	827.6	887.9	955.5	1022.0	1090.5	1165.4	1237.4
-72.5°	487.0	544.0	593.4	635.4	673.3	713.6	758.7	808.0	869.5	937.3	999.1
-75°	371.0	415.6	460.0	498.6	525.7	545.7	564.4	594.4	652.6	720.5	779.6
-77.5°	261.1	301.7	337.1	367.3	383.5	397.8	409.4	418.4	462.8	521.1	578.8
-80°	164.6	188.7	220.8	249.2	261.5	267.9	270.8	270.4	304.9	351.0	399.4
-82.5°	92.4	111.5	129.6	146.9	151.4	151.5	150.0	150.5	177.8	209.1	241.2
-85°	29.7	34.1	47.4	60.1	66.3	70.1	71.8	71.5	83.2	96.7	111.3
-87.5°	14.9	17.1	19.4	21.8	22.0	22.0	21.8	21.5	22.4	23.3	24.1
-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: P627881 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-735-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°	24.9	25.6	26.3	27.0	27.6	28.1	28.6	29.0	29.4	27.8	26.2
85°	126.9	135.9	144.2	152.3	159.9	167.1	173.9	180.2	186.0	169.9	152.1
82.5°	274.0	296.0	316.9	337.7	358.3	363.6	365.2	364.4	361.6	333.2	301.9
80°	447.3	484.5	519.6	554.4	588.8	592.7	588.7	581.7	571.7	534.5	492.4
77.5°	636.3	683.2	724.3	761.9	796.1	802.5	801.6	799.9	797.1	759.2	713.3
75°	830.2	876.1	920.3	957.9	989.3	1003.7	1010.8	1015.8	1018.5	991.3	955.6
72.5°	1055.0	1102.7	1141.7	1178.3	1209.2	1231.5	1247.6	1259.7	1267.9	1259.7	1245.1
70°	1298.9	1350.1	1393.2	1434.4	1476.3	1509.9	1535.2	1553.6	1565.3	1572.9	1578.3
67.5°	1573.6	1642.3	1702.2	1753.4	1804.1	1851.6	1890.6	1922.5	1947.1	1968.0	1984.1
65°	1883.0	1970.8	2048.6	2120.2	2185.7	2254.6	2311.1	2358.6	2396.7	2428.3	2453.6
62.5°	2208.3	2315.9	2415.9	2512.9	2607.9	2701.5	2773.3	2838.7	2896.9	2946.9	2986.7
60°	2546.4	2668.7	2802.8	2930.8	3048.7	3156.3	3263.2	3355.8	3435.0	3500.8	3553.8
57.5°	2909.8	3068.1	3224.9	3383.9	3534.1	3674.7	3806.3	3922.5	4020.6	4101.1	4168.7
55°	3302.3	3500.4	3682.1	3882.8	4076.6	4253.1	4408.4	4544.9	4663.0	4761.9	4845.9
52.5°	3733.8	3974.5	4210.7	4439.0	4659.0	4863.7	5049.7	5208.7	5350.1	5471.4	5568.1
50°	4206.1	4481.5	4755.3	5009.1	5261.9	5497.8	5711.0	5895.5	6060.1	6202.6	6314.7
47.5°	4700.0	5013.4	5319.1	5609.7	5889.5	6151.7	6382.6	6592.9	6798.1	6965.5	7097.8
45°	5212.8	5564.4	5901.7	6234.0	6542.1	6835.9	7120.8	7382.7	7593.3	7777.6	7932.5
42.5°	5731.9	6124.1	6501.8	6864.3	7203.1	7542.9	7863.3	8149.6	8389.8	8599.4	8775.3
40°	6257.7	6687.1	7103.2	7498.4	7885.8	8256.3	8602.9	8904.8	9175.7	9424.6	9632.0
37.5°	6780.9	7253.3	7714.3	8157.1	8583.5	8985.0	9359.4	9700.6	10006.2	10289.8	10520.1
35°	7306.4	7824.7	8329.4	8816.6	9282.5	9725.4	10135.4	10523.6	10883.8	11171.1	11406.7
32.5°	7829.9	8387.0	8936.3	9472.7	9982.6	10460.2	10904.4	11333.4	11703.9	12019.6	12290.5
30°	8336.4	8940.0	9538.2	10119.8	10670.6	11188.1	11679.8	12133.5	12531.9	12877.2	13181.1
27.5°	8833.5	9481.9	10123.7	10745.1	11340.6	11902.8	12439.6	12931.5	13366.3	13741.7	14062.1
25°	9303.3	10000.3	10684.4	11343.1	11979.2	12599.5	13179.0	13715.8	14180.3	14592.3	14921.5
22.5°	9752.1	10495.4	11214.2	11907.2	12587.7	13256.2	13890.7	14451.2	14943.4	15374.2	15738.5
20°	10170.3	10966.8	11702.2	12435.1	13151.9	13865.7	14546.9	15138.3	15659.2	16117.7	16519.3
17.5°	10561.1	11378.1	12152.5	12932.8	13688.2	14437.1	15129.2	15763.1	16325.0	16811.9	17232.5
15°	10892.1	11717.1	12562.8	13395.9	14192.5	14950.9	15642.3	16304.4	16928.3	17454.9	17881.4
12.5°	11160.0	12018.0	12900.3	13784.7	14627.2	15384.5	16108.4	16780.1	17435.4	18026.9	18418.9
10°	11388.4	12271.9	13182.7	14084.7	14938.4	15739.7	16526.7	17236.9	17880.8	18410.5	18848.3
7.5°	11585.8	12495.9	13421.0	14324.4	15175.2	16003.2	16813.4	17567.6	18217.7	18716.7	19107.3
5°	11731.4	12663.2	13606.1	14517.8	15380.5	16211.2	17025.1	17769.8	18404.4	18912.1	19338.1
2.5°	11835.6	12776.1	13725.8	14638.8	15520.7	16353.4	17187.6	17940.7	18555.3	19020.4	19428.3
0°	11902.3	12844.2	13801.2	14735.5	15601.4	16406.5	17302.8	18009.2	18647.2	19110.6	19535.9
-2.5°	11835.6	12776.1	13725.8	14638.8	15520.7	16353.4	17187.6	17940.7	18555.3	19020.4	19428.3
-5°	11731.4	12663.2	13606.1	14517.8	15380.5	16211.2	17025.1	17769.8	18404.4	18912.1	19338.1
-7.5°	11585.8	12495.9	13421.0	14324.4	15175.2	16003.2	16813.4	17567.6	18217.7	18716.7	19107.3
-10°	11388.4	12271.9	13182.7	14084.7	14938.4	15739.7	16526.7	17236.9	17880.8	18410.5	18848.3
-12.5°	11160.0	12018.0	12900.3	13784.7	14627.2	15384.5	16108.4	16780.1	17435.4	18026.9	18418.9
-15°	10892.1	11717.1	12562.8	13395.9	14192.5	14950.9	15642.3	16304.4	16928.3	17454.9	17881.4
-17.5°	10561.1	11378.1	12152.5	12932.8	13688.2	14437.1	15129.2	15763.1	16325.0	16811.9	17232.5
-20°	10170.3	10966.8	11702.2	12435.1	13151.9	13865.7	14546.9	15138.3	15659.2	16117.7	16519.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627881 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-735-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	9752.1	10495.4	11214.2	11907.2	12587.7	13256.2	13890.7	14451.2	14943.4	15374.2	15738.5
-25°	9303.3	10000.3	10684.4	11343.1	11979.2	12599.5	13179.0	13715.8	14180.3	14592.3	14921.5
-27.5°	8833.5	9481.9	10123.7	10745.1	11340.6	11902.8	12439.6	12931.5	13366.3	13741.7	14062.1
-30°	8336.4	8940.0	9538.2	10119.8	10670.6	11188.1	11679.8	12133.5	12531.9	12877.2	13181.1
-32.5°	7829.9	8387.0	8936.3	9472.7	9982.6	10460.2	10904.4	11333.4	11703.9	12019.6	12290.5
-35°	7306.4	7824.7	8329.4	8816.6	9282.5	9725.4	10135.4	10523.6	10883.8	11171.1	11406.7
-37.5°	6780.9	7253.3	7714.3	8157.1	8583.5	8985.0	9359.4	9700.6	10006.2	10289.8	10520.1
-40°	6257.7	6687.1	7103.2	7498.4	7885.8	8256.3	8602.9	8904.8	9175.7	9424.6	9632.0
-42.5°	5731.9	6124.1	6501.8	6864.3	7203.1	7542.9	7863.3	8149.6	8389.8	8599.4	8775.3
-45°	5212.8	5564.4	5901.7	6234.0	6542.1	6835.9	7120.8	7382.7	7593.3	7777.6	7932.5
-47.5°	4700.0	5013.4	5319.1	5609.7	5889.5	6151.7	6382.6	6592.9	6798.1	6965.5	7097.8
-50°	4206.1	4481.5	4755.3	5009.1	5261.9	5497.8	5711.0	5895.5	6060.1	6202.6	6314.7
-52.5°	3733.8	3974.5	4210.7	4439.0	4659.0	4863.7	5049.7	5208.7	5350.1	5471.4	5568.1
-55°	3302.3	3500.4	3682.1	3882.8	4076.6	4253.1	4408.4	4544.9	4663.0	4761.9	4845.9
-57.5°	2909.8	3068.1	3224.9	3383.9	3534.1	3674.7	3806.3	3922.5	4020.6	4101.1	4168.7
-60°	2546.4	2668.7	2802.8	2930.8	3048.7	3156.3	3263.2	3355.8	3435.0	3500.8	3553.8
-62.5°	2208.3	2315.9	2415.9	2512.9	2607.9	2701.5	2773.3	2838.7	2896.9	2946.9	2986.7
-65°	1883.0	1970.8	2048.6	2120.2	2185.7	2254.6	2311.1	2358.6	2396.7	2428.3	2453.6
-67.5°	1573.6	1642.3	1702.2	1753.4	1804.1	1851.6	1890.6	1922.5	1947.1	1968.0	1984.1
-70°	1298.9	1350.1	1393.2	1434.4	1476.3	1509.9	1535.2	1553.6	1565.3	1572.9	1578.3
-72.5°	1055.0	1102.7	1141.7	1178.3	1209.2	1231.5	1247.6	1259.7	1267.9	1259.7	1245.1
-75°	830.2	876.1	920.3	957.9	989.3	1003.7	1010.8	1015.8	1018.5	991.3	955.6
-77.5°	636.3	683.2	724.3	761.9	796.1	802.5	801.6	799.9	797.1	759.2	713.3
-80°	447.3	484.5	519.6	554.4	588.8	592.7	588.7	581.7	571.7	534.5	492.4
-82.5°	274.0	296.0	316.9	337.7	358.3	363.6	365.2	364.4	361.6	333.2	301.9
-85°	126.9	135.9	144.2	152.3	159.9	167.1	173.9	180.2	186.0	169.9	152.1
-87.5°	24.9	25.6	26.3	27.0	27.6	28.1	28.6	29.0	29.4	27.8	26.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627881 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-735-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°	24.5	22.7	22.8	22.8	22.8	22.7	24.5	26.2	27.8	29.4	29.0
85°	133.1	113.4	106.2	98.7	106.2	113.4	133.1	152.1	169.9	186.0	180.2
82.5°	269.0	234.7	223.9	212.7	223.9	234.7	269.0	301.9	333.2	361.6	364.4
80°	448.0	401.5	383.3	364.6	383.3	401.5	448.0	492.4	534.5	571.7	581.7
77.5°	664.7	613.7	592.0	569.7	592.0	613.7	664.7	713.3	759.2	797.1	799.9
75°	918.0	878.1	853.9	827.9	853.9	878.1	918.0	955.6	991.3	1018.5	1015.8
72.5°	1228.4	1208.9	1191.3	1169.7	1191.3	1208.9	1228.4	1245.1	1259.7	1267.9	1259.7
70°	1580.1	1577.7	1580.8	1579.9	1580.8	1577.7	1580.1	1578.3	1572.9	1565.3	1553.6
67.5°	1992.4	1992.9	2001.4	2005.2	2001.4	1992.9	1992.4	1984.1	1968.0	1947.1	1922.5
65°	2469.3	2475.1	2473.0	2461.0	2473.0	2475.1	2469.3	2453.6	2428.3	2396.7	2358.6
62.5°	3014.9	3031.3	3040.3	3038.2	3040.3	3031.3	3014.9	2986.7	2946.9	2896.9	2838.7
60°	3593.4	3619.1	3632.0	3630.7	3632.0	3619.1	3593.4	3553.8	3500.8	3435.0	3355.8
57.5°	4219.1	4252.0	4259.7	4245.9	4259.7	4252.0	4219.1	4168.7	4101.1	4020.6	3922.5
55°	4909.2	4951.4	4967.6	4959.9	4967.6	4951.4	4909.2	4845.9	4761.9	4663.0	4544.9
52.5°	5639.0	5684.6	5700.8	5689.1	5700.8	5684.6	5639.0	5568.1	5471.4	5350.1	5208.7
50°	6397.0	6452.2	6474.5	6463.9	6474.5	6452.2	6397.0	6314.7	6202.6	6060.1	5895.5
47.5°	7201.6	7275.1	7303.7	7284.2	7303.7	7275.1	7201.6	7097.8	6965.5	6798.1	6592.9
45°	8048.2	8124.4	8153.9	8134.9	8153.9	8124.4	8048.2	7932.5	7777.6	7593.3	7382.7
42.5°	8909.9	9009.0	9050.8	9016.0	9050.8	9009.0	8909.9	8775.3	8599.4	8389.8	8149.6
40°	9786.9	9894.3	9943.9	9919.9	9943.9	9894.3	9786.9	9632.0	9424.6	9175.7	8904.8
37.5°	10686.4	10793.3	10845.8	10846.5	10845.8	10793.3	10686.4	10520.1	10289.8	10006.2	9700.6
35°	11589.2	11718.7	11792.0	11788.4	11792.0	11718.7	11589.2	11406.7	11171.1	10883.8	10523.6
32.5°	12504.7	12644.8	12719.7	12730.3	12719.7	12644.8	12504.7	12290.5	12019.6	11703.9	11333.4
30°	13418.6	13572.7	13659.4	13694.9	13659.4	13572.7	13418.6	13181.1	12877.2	12531.9	12133.5
27.5°	14304.9	14494.5	14625.3	14636.8	14625.3	14494.5	14304.9	14062.1	13741.7	13366.3	12931.5
25°	15163.2	15356.2	15490.5	15517.8	15490.5	15356.2	15163.2	14921.5	14592.3	14180.3	13715.8
22.5°	16009.2	16211.0	16334.9	16383.7	16334.9	16211.0	16009.2	15738.5	15374.2	14943.4	14451.2
20°	16816.8	17035.6	17167.0	17219.3	17167.0	17035.6	16816.8	16519.3	16117.7	15659.2	15138.3
17.5°	17547.4	17778.6	17940.8	17986.4	17940.8	17778.6	17547.4	17232.5	16811.9	16325.0	15763.1
15°	18190.4	18409.6	18563.7	18624.5	18563.7	18409.6	18190.4	17881.4	17454.9	16928.3	16304.4
12.5°	18713.7	18909.9	19030.5	19087.8	19030.5	18909.9	18713.7	18418.9	18026.9	17435.4	16780.1
10°	19122.6	19319.3	19434.6	19513.1	19434.6	19319.3	19122.6	18848.3	18410.5	17880.8	17236.9
7.5°	19477.5	19679.0	19820.0	19930.9	19820.0	19679.0	19477.5	19107.3	18716.7	18217.7	17567.6
5°	19673.4	20010.0	20060.6	20136.0	20060.6	20010.0	19673.4	19338.1	18912.1	18404.4	17769.8
2.5°	19822.8	20061.5	20205.0	20189.1	20205.0	20061.5	19822.8	19428.3	19020.4	18555.3	17940.7
0°	19930.9	20143.6	20196.7	20265.1	20196.7	20143.6	19930.9	19535.9	19110.6	18647.2	18009.2
-2.5°	19822.8	20061.5	20205.0	20189.1	20205.0	20061.5	19822.8	19428.3	19020.4	18555.3	17940.7
-5°	19673.4	20010.0	20060.6	20136.0	20060.6	20010.0	19673.4	19338.1	18912.1	18404.4	17769.8
-7.5°	19477.5	19679.0	19820.0	19930.9	19820.0	19679.0	19477.5	19107.3	18716.7	18217.7	17567.6
-10°	19122.6	19319.3	19434.6	19513.1	19434.6	19319.3	19122.6	18848.3	18410.5	17880.8	17236.9
-12.5°	18713.7	18909.9	19030.5	19087.8	19030.5	18909.9	18713.7	18418.9	18026.9	17435.4	16780.1
-15°	18190.4	18409.6	18563.7	18624.5	18563.7	18409.6	18190.4	17881.4	17454.9	16928.3	16304.4
-17.5°	17547.4	17778.6	17940.8	17986.4	17940.8	17778.6	17547.4	17232.5	16811.9	16325.0	15763.1
-20°	16816.8	17035.6	17167.0	17219.3	17167.0	17035.6	16816.8	16519.3	16117.7	15659.2	15138.3



REPORT NUMBER: P627881 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-735-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°	16009.2	16211.0	16334.9	16383.7	16334.9	16211.0	16009.2	15738.5	15374.2	14943.4	14451.2
-25°	15163.2	15356.2	15490.5	15517.8	15490.5	15356.2	15163.2	14921.5	14592.3	14180.3	13715.8
-27.5°	14304.9	14494.5	14625.3	14636.8	14625.3	14494.5	14304.9	14062.1	13741.7	13366.3	12931.5
-30°	13418.6	13572.7	13659.4	13694.9	13659.4	13572.7	13418.6	13181.1	12877.2	12531.9	12133.5
-32.5°	12504.7	12644.8	12719.7	12730.3	12719.7	12644.8	12504.7	12290.5	12019.6	11703.9	11333.4
-35°	11589.2	11718.7	11792.0	11788.4	11792.0	11718.7	11589.2	11406.7	11171.1	10883.8	10523.6
-37.5°	10686.4	10793.3	10845.8	10846.5	10845.8	10793.3	10686.4	10520.1	10289.8	10006.2	9700.6
-40°	9786.9	9894.3	9943.9	9919.9	9943.9	9894.3	9786.9	9632.0	9424.6	9175.7	8904.8
-42.5°	8909.9	9009.0	9050.8	9016.0	9050.8	9009.0	8909.9	8775.3	8599.4	8389.8	8149.6
-45°	8048.2	8124.4	8153.9	8134.9	8153.9	8124.4	8048.2	7932.5	7777.6	7593.3	7382.7
-47.5°	7201.6	7275.1	7303.7	7284.2	7303.7	7275.1	7201.6	7097.8	6965.5	6798.1	6592.9
-50°	6397.0	6452.2	6474.5	6463.9	6474.5	6452.2	6397.0	6314.7	6202.6	6060.1	5895.5
-52.5°	5639.0	5684.6	5700.8	5689.1	5700.8	5684.6	5639.0	5568.1	5471.4	5350.1	5208.7
-55°	4909.2	4951.4	4967.6	4959.9	4967.6	4951.4	4909.2	4845.9	4761.9	4663.0	4544.9
-57.5°	4219.1	4252.0	4259.7	4245.9	4259.7	4252.0	4219.1	4168.7	4101.1	4020.6	3922.5
-60°	3593.4	3619.1	3632.0	3630.7	3632.0	3619.1	3593.4	3553.8	3500.8	3435.0	3355.8
-62.5°	3014.9	3031.3	3040.3	3038.2	3040.3	3031.3	3014.9	2986.7	2946.9	2896.9	2838.7
-65°	2469.3	2475.1	2473.0	2461.0	2473.0	2475.1	2469.3	2453.6	2428.3	2396.7	2358.6
-67.5°	1992.4	1992.9	2001.4	2005.2	2001.4	1992.9	1992.4	1984.1	1968.0	1947.1	1922.5
-70°	1580.1	1577.7	1580.8	1579.9	1580.8	1577.7	1580.1	1578.3	1572.9	1565.3	1553.6
-72.5°	1228.4	1208.9	1191.3	1169.7	1191.3	1208.9	1228.4	1245.1	1259.7	1267.9	1259.7
-75°	918.0	878.1	853.9	827.9	853.9	878.1	918.0	955.6	991.3	1018.5	1015.8
-77.5°	664.7	613.7	592.0	569.7	592.0	613.7	664.7	713.3	759.2	797.1	799.9
-80°	448.0	401.5	383.3	364.6	383.3	401.5	448.0	492.4	534.5	571.7	581.7
-82.5°	269.0	234.7	223.9	212.7	223.9	234.7	269.0	301.9	333.2	361.6	364.4
-85°	133.1	113.4	106.2	98.7	106.2	113.4	133.1	152.1	169.9	186.0	180.2
-87.5°	24.5	22.7	22.8	22.8	22.8	22.7	24.5	26.2	27.8	29.4	29.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627881 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-735-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°	28.6	28.1	27.6	27.0	26.3	25.6	24.9	24.1	23.3	22.4	21.5
85°	173.9	167.1	159.9	152.3	144.2	135.9	126.9	111.3	96.7	83.2	71.5
82.5°	365.2	363.6	358.3	337.7	316.9	296.0	274.0	241.2	209.1	177.8	150.5
80°	588.7	592.7	588.8	554.4	519.6	484.5	447.3	399.4	351.0	304.9	270.4
77.5°	801.6	802.5	796.1	761.9	724.3	683.2	636.3	578.8	521.1	462.8	418.4
75°	1010.8	1003.7	989.3	957.9	920.3	876.1	830.2	779.6	720.5	652.6	594.4
72.5°	1247.6	1231.5	1209.2	1178.3	1141.7	1102.7	1055.0	999.1	937.3	869.5	808.0
70°	1535.2	1509.9	1476.3	1434.4	1393.2	1350.1	1298.9	1237.4	1165.4	1090.5	1022.0
67.5°	1890.6	1851.6	1804.1	1753.4	1702.2	1642.3	1573.6	1498.5	1424.1	1341.0	1247.1
65°	2311.1	2254.6	2185.7	2120.2	2048.6	1970.8	1883.0	1795.9	1704.9	1605.1	1486.0
62.5°	2773.3	2701.5	2607.9	2512.9	2415.9	2315.9	2208.3	2101.3	1992.6	1875.0	1740.9
60°	3263.2	3156.3	3048.7	2930.8	2802.8	2668.7	2546.4	2416.3	2278.9	2145.7	1998.7
57.5°	3806.3	3674.7	3534.1	3383.9	3224.9	3068.1	2909.8	2746.1	2590.7	2428.4	2262.0
55°	4408.4	4253.1	4076.6	3882.8	3682.1	3500.4	3302.3	3103.9	2916.7	2719.7	2536.4
52.5°	5049.7	4863.7	4659.0	4439.0	4210.7	3974.5	3733.8	3506.0	3262.2	3039.3	2817.7
50°	5711.0	5497.8	5261.9	5009.1	4755.3	4481.5	4206.1	3932.2	3656.0	3382.6	3117.1
47.5°	6382.6	6151.7	5889.5	5609.7	5319.1	5013.4	4700.0	4370.6	4065.1	3748.0	3446.3
45°	7120.8	6835.9	6542.1	6234.0	5901.7	5564.4	5212.8	4852.2	4484.7	4136.0	3782.2
42.5°	7863.3	7542.9	7203.1	6864.3	6501.8	6124.1	5731.9	5334.5	4930.6	4528.5	4141.9
40°	8602.9	8256.3	7885.8	7498.4	7103.2	6687.1	6257.7	5815.6	5377.1	4934.9	4497.5
37.5°	9359.4	8985.0	8583.5	8157.1	7714.3	7253.3	6780.9	6302.3	5818.6	5342.8	4868.5
35°	10135.4	9725.4	9282.5	8816.6	8329.4	7824.7	7306.4	6782.3	6262.0	5747.3	5233.4
32.5°	10904.4	10460.2	9982.6	9472.7	8936.3	8387.0	7829.9	7263.9	6694.4	6144.8	5597.5
30°	11679.8	11188.1	10670.6	10119.8	9538.2	8940.0	8336.4	7736.8	7129.9	6525.2	5946.1
27.5°	12439.6	11902.8	11340.6	10745.1	10123.7	9481.9	8833.5	8193.5	7546.2	6903.2	6278.9
25°	13179.0	12599.5	11979.2	11343.1	10684.4	10000.3	9303.3	8626.1	7950.2	7262.2	6577.5
22.5°	13890.7	13256.2	12587.7	11907.2	11214.2	10495.4	9752.1	9022.4	8322.9	7584.0	6868.6
20°	14546.9	13865.7	13151.9	12435.1	11702.2	10966.8	10170.3	9394.1	8641.7	7883.0	7132.4
17.5°	15129.2	14437.1	13688.2	12932.8	12152.5	11378.1	10561.1	9732.3	8935.1	8148.7	7364.6
15°	15642.3	14950.9	14192.5	13395.9	12562.8	11717.1	10892.1	10031.2	9202.4	8383.6	7579.4
12.5°	16108.4	15384.5	14627.2	13784.7	12900.3	12018.0	11160.0	10293.1	9440.2	8598.5	7772.5
10°	16526.7	15739.7	14938.4	14084.7	13182.7	12271.9	11388.4	10513.3	9642.5	8782.5	7931.8
7.5°	16813.4	16003.2	15175.2	14324.4	13421.0	12495.9	11585.8	10690.2	9800.3	8929.0	8056.1
5°	17025.1	16211.2	15380.5	14517.8	13606.1	12663.2	11731.4	10818.5	9912.6	9036.2	8144.6
2.5°	17187.6	16353.4	15520.7	14638.8	13725.8	12776.1	11835.6	10915.0	10001.8	9114.8	8222.8
0°	17302.8	16406.5	15601.4	14735.5	13801.2	12844.2	11902.3	10975.7	10056.6	9152.7	8264.0
-2.5°	17187.6	16353.4	15520.7	14638.8	13725.8	12776.1	11835.6	10915.0	10001.8	9114.8	8222.8
-5°	17025.1	16211.2	15380.5	14517.8	13606.1	12663.2	11731.4	10818.5	9912.6	9036.2	8144.6
-7.5°	16813.4	16003.2	15175.2	14324.4	13421.0	12495.9	11585.8	10690.2	9800.3	8929.0	8056.1
-10°	16526.7	15739.7	14938.4	14084.7	13182.7	12271.9	11388.4	10513.3	9642.5	8782.5	7931.8
-12.5°	16108.4	15384.5	14627.2	13784.7	12900.3	12018.0	11160.0	10293.1	9440.2	8598.5	7772.5
-15°	15642.3	14950.9	14192.5	13395.9	12562.8	11717.1	10892.1	10031.2	9202.4	8383.6	7579.4
-17.5°	15129.2	14437.1	13688.2	12932.8	12152.5	11378.1	10561.1	9732.3	8935.1	8148.7	7364.6
-20°	14546.9	13865.7	13151.9	12435.1	11702.2	10966.8	10170.3	9394.1	8641.7	7883.0	7132.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627881 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-735-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	13890.7	13256.2	12587.7	11907.2	11214.2	10495.4	9752.1	9022.4	8322.9	7584.0	6868.6
-25°	13179.0	12599.5	11979.2	11343.1	10684.4	10000.3	9303.3	8626.1	7950.2	7262.2	6577.5
-27.5°	12439.6	11902.8	11340.6	10745.1	10123.7	9481.9	8833.5	8193.5	7546.2	6903.2	6278.9
-30°	11679.8	11188.1	10670.6	10119.8	9538.2	8940.0	8336.4	7736.8	7129.9	6525.2	5946.1
-32.5°	10904.4	10460.2	9982.6	9472.7	8936.3	8387.0	7829.9	7263.9	6694.4	6144.8	5597.5
-35°	10135.4	9725.4	9282.5	8816.6	8329.4	7824.7	7306.4	6782.3	6262.0	5747.3	5233.4
-37.5°	9359.4	8985.0	8583.5	8157.1	7714.3	7253.3	6780.9	6302.3	5818.6	5342.8	4868.5
-40°	8602.9	8256.3	7885.8	7498.4	7103.2	6687.1	6257.7	5815.6	5377.1	4934.9	4497.5
-42.5°	7863.3	7542.9	7203.1	6864.3	6501.8	6124.1	5731.9	5334.5	4930.6	4528.5	4141.9
-45°	7120.8	6835.9	6542.1	6234.0	5901.7	5564.4	5212.8	4852.2	4484.7	4136.0	3782.2
-47.5°	6382.6	6151.7	5889.5	5609.7	5319.1	5013.4	4700.0	4370.6	4065.1	3748.0	3446.3
-50°	5711.0	5497.8	5261.9	5009.1	4755.3	4481.5	4206.1	3932.2	3656.0	3382.6	3117.1
-52.5°	5049.7	4863.7	4659.0	4439.0	4210.7	3974.5	3733.8	3506.0	3262.2	3039.3	2817.7
-55°	4408.4	4253.1	4076.6	3882.8	3682.1	3500.4	3302.3	3103.9	2916.7	2719.7	2536.4
-57.5°	3806.3	3674.7	3534.1	3383.9	3224.9	3068.1	2909.8	2746.1	2590.7	2428.4	2262.0
-60°	3263.2	3156.3	3048.7	2930.8	2802.8	2668.7	2546.4	2416.3	2278.9	2145.7	1998.7
-62.5°	2773.3	2701.5	2607.9	2512.9	2415.9	2315.9	2208.3	2101.3	1992.6	1875.0	1740.9
-65°	2311.1	2254.6	2185.7	2120.2	2048.6	1970.8	1883.0	1795.9	1704.9	1605.1	1486.0
-67.5°	1890.6	1851.6	1804.1	1753.4	1702.2	1642.3	1573.6	1498.5	1424.1	1341.0	1247.1
-70°	1535.2	1509.9	1476.3	1434.4	1393.2	1350.1	1298.9	1237.4	1165.4	1090.5	1022.0
-72.5°	1247.6	1231.5	1209.2	1178.3	1141.7	1102.7	1055.0	999.1	937.3	869.5	808.0
-75°	1010.8	1003.7	989.3	957.9	920.3	876.1	830.2	779.6	720.5	652.6	594.4
-77.5°	801.6	802.5	796.1	761.9	724.3	683.2	636.3	578.8	521.1	462.8	418.4
-80°	588.7	592.7	588.8	554.4	519.6	484.5	447.3	399.4	351.0	304.9	270.4
-82.5°	365.2	363.6	358.3	337.7	316.9	296.0	274.0	241.2	209.1	177.8	150.5
-85°	173.9	167.1	159.9	152.3	144.2	135.9	126.9	111.3	96.7	83.2	71.5
-87.5°	28.6	28.1	27.6	27.0	26.3	25.6	24.9	24.1	23.3	22.4	21.5
-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: P627881 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-735-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°	21.8	22.0	22.0	21.8	19.4	17.1	14.9	12.8	11.6	10.4	9.1
85°	71.8	70.1	66.3	60.1	47.4	34.1	29.7	25.7	23.2	20.8	18.3
82.5°	150.0	151.5	151.4	146.9	129.6	111.5	92.4	72.7	53.9	34.2	27.4
80°	270.8	267.9	261.5	249.2	220.8	188.7	164.6	139.6	115.1	89.6	63.0
77.5°	409.4	397.8	383.5	367.3	337.1	301.7	261.1	215.0	176.1	144.6	111.9
75°	564.4	545.7	525.7	498.6	460.0	415.6	371.0	317.3	257.6	201.4	160.5
72.5°	758.7	713.6	673.3	635.4	593.4	544.0	487.0	417.8	345.3	276.9	212.7
70°	955.5	887.9	827.6	775.9	725.3	673.6	611.0	525.6	431.4	350.8	275.3
67.5°	1155.3	1075.4	994.6	917.3	853.5	792.6	732.2	633.0	524.9	423.2	336.4
65°	1375.9	1269.2	1166.6	1071.1	984.5	908.3	837.4	733.4	615.7	501.2	395.9
62.5°	1603.1	1467.0	1345.5	1223.7	1115.9	1023.2	938.0	823.3	702.5	576.7	458.0
60°	1841.9	1686.9	1525.4	1383.2	1251.0	1133.8	1030.6	911.9	783.6	649.4	519.6
57.5°	2093.5	1911.2	1729.8	1550.0	1391.3	1250.7	1120.8	995.9	863.4	721.1	577.1
55°	2348.3	2152.0	1937.4	1734.7	1540.0	1372.7	1216.2	1076.5	940.5	791.5	626.7
52.5°	2603.4	2387.8	2157.5	1923.3	1705.4	1496.1	1321.2	1155.0	1011.4	860.4	678.3
50°	2870.2	2623.0	2376.3	2123.3	1869.9	1640.5	1422.6	1245.1	1080.2	925.8	727.4
47.5°	3148.0	2872.5	2598.0	2321.5	2049.7	1778.7	1540.9	1333.3	1146.8	985.0	772.9
45°	3452.4	3130.3	2826.3	2527.4	2220.1	1928.0	1660.7	1417.7	1222.2	1031.0	815.0
42.5°	3756.6	3402.4	3062.8	2730.2	2398.4	2076.5	1774.2	1517.0	1294.3	1075.1	853.6
40°	4080.3	3675.5	3298.9	2938.1	2572.5	2217.6	1900.0	1613.9	1361.9	1120.9	890.2
37.5°	4394.9	3955.3	3541.5	3136.6	2743.1	2370.0	2020.9	1704.7	1426.0	1172.3	924.9
35°	4727.9	4236.5	3765.9	3336.4	2918.7	2514.6	2134.2	1796.2	1499.9	1222.5	957.6
32.5°	5049.7	4511.5	4006.7	3533.5	3086.4	2650.8	2250.7	1893.1	1570.8	1271.1	988.1
30°	5365.9	4787.4	4237.5	3719.9	3248.9	2793.8	2367.4	1983.6	1638.6	1318.1	1018.7
27.5°	5657.4	5043.0	4458.7	3912.5	3408.6	2929.4	2477.7	2067.7	1703.0	1366.4	1054.3
25°	5928.9	5288.9	4676.8	4097.9	3556.8	3057.8	2579.4	2145.4	1768.5	1416.8	1087.3
22.5°	6183.7	5517.3	4874.4	4268.7	3694.0	3175.8	2678.4	2228.2	1830.5	1463.1	1117.5
20°	6415.3	5722.9	5051.4	4423.5	3827.5	3288.1	2773.7	2302.4	1886.0	1505.2	1144.8
17.5°	6623.9	5910.8	5220.3	4568.1	3951.9	3388.0	2858.3	2367.8	1934.6	1542.7	1168.7
15°	6817.6	6081.6	5369.6	4694.4	4059.6	3474.9	2932.0	2424.3	1976.3	1575.3	1191.5
12.5°	6984.0	6228.2	5496.3	4801.7	4150.2	3548.5	2994.3	2471.5	2010.9	1604.8	1213.0
10°	7121.0	6349.3	5599.8	4889.4	4223.6	3608.4	3045.0	2511.3	2043.4	1630.2	1229.5
7.5°	7227.7	6444.1	5679.5	4957.1	4281.7	3658.5	3088.1	2545.7	2069.6	1649.8	1241.1
5°	7308.5	6518.2	5748.9	5013.8	4335.2	3698.9	3119.4	2570.3	2088.6	1663.3	1247.6
2.5°	7380.4	6573.7	5803.3	5050.6	4371.6	3725.2	3138.3	2585.2	2100.1	1670.4	1249.2
0°	7420.9	6600.6	5833.4	5066.3	4390.3	3737.0	3144.6	2590.1	2104.0	1671.0	1245.7
-2.5°	7380.4	6573.7	5803.3	5050.6	4371.6	3725.2	3138.3	2585.2	2100.1	1670.4	1249.2
-5°	7308.5	6518.2	5748.9	5013.8	4335.2	3698.9	3119.4	2570.3	2088.6	1663.3	1247.6
-7.5°	7227.7	6444.1	5679.5	4957.1	4281.7	3658.5	3088.1	2545.7	2069.6	1649.8	1241.1
-10°	7121.0	6349.3	5599.8	4889.4	4223.6	3608.4	3045.0	2511.3	2043.4	1630.2	1229.5
-12.5°	6984.0	6228.2	5496.3	4801.7	4150.2	3548.5	2994.3	2471.5	2010.9	1604.8	1213.0
-15°	6817.6	6081.6	5369.6	4694.4	4059.6	3474.9	2932.0	2424.3	1976.3	1575.3	1191.5
-17.5°	6623.9	5910.8	5220.3	4568.1	3951.9	3388.0	2858.3	2367.8	1934.6	1542.7	1168.7
-20°	6415.3	5722.9	5051.4	4423.5	3827.5	3288.1	2773.7	2302.4	1886.0	1505.2	1144.8



REPORT NUMBER: P627881 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-735-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°	6183.7	5517.3	4874.4	4268.7	3694.0	3175.8	2678.4	2228.2	1830.5	1463.1	1117.5
-25°	5928.9	5288.9	4676.8	4097.9	3556.8	3057.8	2579.4	2145.4	1768.5	1416.8	1087.3
-27.5°	5657.4	5043.0	4458.7	3912.5	3408.6	2929.4	2477.7	2067.7	1703.0	1366.4	1054.3
-30°	5365.9	4787.4	4237.5	3719.9	3248.9	2793.8	2367.4	1983.6	1638.6	1318.1	1018.7
-32.5°	5049.7	4511.5	4006.7	3533.5	3086.4	2650.8	2250.7	1893.1	1570.8	1271.1	988.1
-35°	4727.9	4236.5	3765.9	3336.4	2918.7	2514.6	2134.2	1796.2	1499.9	1222.5	957.6
-37.5°	4394.9	3955.3	3541.5	3136.6	2743.1	2370.0	2020.9	1704.7	1426.0	1172.3	924.9
-40°	4080.3	3675.5	3298.9	2938.1	2572.5	2217.6	1900.0	1613.9	1361.9	1120.9	890.2
-42.5°	3756.6	3402.4	3062.8	2730.2	2398.4	2076.5	1774.2	1517.0	1294.3	1075.1	853.6
-45°	3452.4	3130.3	2826.3	2527.4	2220.1	1928.0	1660.7	1417.7	1222.2	1031.0	815.0
-47.5°	3148.0	2872.5	2598.0	2321.5	2049.7	1778.7	1540.9	1333.3	1146.8	985.0	772.9
-50°	2870.2	2623.0	2376.3	2123.3	1869.9	1640.5	1422.6	1245.1	1080.2	925.8	727.4
-52.5°	2603.4	2387.8	2157.5	1923.3	1705.4	1496.1	1321.2	1155.0	1011.4	860.4	678.3
-55°	2348.3	2152.0	1937.4	1734.7	1540.0	1372.7	1216.2	1076.5	940.5	791.5	626.7
-57.5°	2093.5	1911.2	1729.8	1550.0	1391.3	1250.7	1120.8	995.9	863.4	721.1	577.1
-60°	1841.9	1686.9	1525.4	1383.2	1251.0	1133.8	1030.6	911.9	783.6	649.4	519.6
-62.5°	1603.1	1467.0	1345.5	1223.7	1115.9	1023.2	938.0	823.3	702.5	576.7	458.0
-65°	1375.9	1269.2	1166.6	1071.1	984.5	908.3	837.4	733.4	615.7	501.2	395.9
-67.5°	1155.3	1075.4	994.6	917.3	853.5	792.6	732.2	633.0	524.9	423.2	336.4
-70°	955.5	887.9	827.6	775.9	725.3	673.6	611.0	525.6	431.4	350.8	275.3
-72.5°	758.7	713.6	673.3	635.4	593.4	544.0	487.0	417.8	345.3	276.9	212.7
-75°	564.4	545.7	525.7	498.6	460.0	415.6	371.0	317.3	257.6	201.4	160.5
-77.5°	409.4	397.8	383.5	367.3	337.1	301.7	261.1	215.0	176.1	144.6	111.9
-80°	270.8	267.9	261.5	249.2	220.8	188.7	164.6	139.6	115.1	89.6	63.0
-82.5°	150.0	151.5	151.4	146.9	129.6	111.5	92.4	72.7	53.9	34.2	27.4
-85°	71.8	70.1	66.3	60.1	47.4	34.1	29.7	25.7	23.2	20.8	18.3
-87.5°	21.8	22.0	22.0	21.8	19.4	17.1	14.9	12.8	11.6	10.4	9.1
-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: P627881 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-735-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°	7.9	6.6	5.3	4.0	2.6	1.2	0.0
85°	15.7	13.1	10.5	7.9	5.3	2.3	0.0
82.5°	23.5	19.7	15.8	11.9	7.9	3.5	0.0
80°	35.4	26.2	21.0	15.8	10.5	4.6	0.0
77.5°	77.1	41.0	26.2	19.7	13.1	5.7	0.0
75°	117.8	71.0	34.1	23.5	15.6	6.8	0.0
72.5°	157.3	100.1	54.4	27.4	18.1	7.9	0.0
70°	196.7	128.2	74.0	32.8	20.5	9.0	0.0
67.5°	244.0	155.1	92.8	44.9	22.8	10.1	0.0
65°	289.3	185.2	110.8	56.5	25.1	11.1	0.0
62.5°	332.3	218.2	127.8	67.6	27.3	12.1	0.0
60°	372.8	249.4	143.8	78.1	29.4	13.0	0.0
57.5°	415.4	278.7	165.2	88.0	35.3	14.0	0.0
55°	455.8	306.0	185.5	97.2	41.0	14.9	0.0
52.5°	493.2	331.9	204.4	105.7	46.6	15.7	0.0
50°	527.5	359.3	221.9	113.5	51.9	16.5	0.0
47.5°	559.6	384.4	237.8	121.6	57.0	17.3	0.0
45°	595.3	407.1	252.1	132.2	61.8	18.0	0.0
42.5°	628.0	427.2	264.7	141.7	66.3	18.7	0.0
40°	657.7	444.8	277.4	151.5	70.6	19.3	0.0
37.5°	684.3	459.8	290.1	161.2	74.6	19.9	0.0
35°	707.8	477.1	300.9	170.2	78.3	20.5	0.0
32.5°	729.5	494.5	309.9	178.5	81.8	21.0	0.0
30°	752.1	509.3	317.2	186.1	84.9	21.4	0.0
27.5°	772.3	521.6	328.0	192.9	87.7	21.8	0.0
25°	790.2	531.3	338.2	199.1	90.3	22.1	0.0
22.5°	805.4	541.1	347.2	204.5	92.5	22.4	0.0
20°	818.1	554.6	354.9	209.2	94.4	22.6	0.0
17.5°	833.9	565.6	361.4	213.2	96.0	22.8	0.0
15°	850.3	574.1	366.6	216.4	97.3	23.0	0.0
12.5°	863.6	580.3	370.6	218.9	98.3	23.1	0.0
10°	873.8	584.1	373.4	220.6	99.0	23.1	0.0
7.5°	880.7	585.7	374.9	221.6	99.4	23.1	0.0
5°	884.3	585.0	375.2	221.9	99.4	23.0	0.0
2.5°	884.4	582.2	374.3	221.4	99.2	22.9	0.0
0°	881.1	577.3	372.2	220.3	98.7	22.8	0.0
-2.5°	884.4	582.2	374.3	221.4	99.2	22.9	0.0
-5°	884.3	585.0	375.2	221.9	99.4	23.0	0.0
-7.5°	880.7	585.7	374.9	221.6	99.4	23.1	0.0
-10°	873.8	584.1	373.4	220.6	99.0	23.1	0.0
-12.5°	863.6	580.3	370.6	218.9	98.3	23.1	0.0
-15°	850.3	574.1	366.6	216.4	97.3	23.0	0.0
-17.5°	833.9	565.6	361.4	213.2	96.0	22.8	0.0
-20°	818.1	554.6	354.9	209.2	94.4	22.6	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627881 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-735-U-VWR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	805.4	541.1	347.2	204.5	92.5	22.4	0.0
-25°	790.2	531.3	338.2	199.1	90.3	22.1	0.0
-27.5°	772.3	521.6	328.0	192.9	87.7	21.8	0.0
-30°	752.1	509.3	317.2	186.1	84.9	21.4	0.0
-32.5°	729.5	494.5	309.9	178.5	81.8	21.0	0.0
-35°	707.8	477.1	300.9	170.2	78.3	20.5	0.0
-37.5°	684.3	459.8	290.1	161.2	74.6	19.9	0.0
-40°	657.7	444.8	277.4	151.5	70.6	19.3	0.0
-42.5°	628.0	427.2	264.7	141.7	66.3	18.7	0.0
-45°	595.3	407.1	252.1	132.2	61.8	18.0	0.0
-47.5°	559.6	384.4	237.8	121.6	57.0	17.3	0.0
-50°	527.5	359.3	221.9	113.5	51.9	16.5	0.0
-52.5°	493.2	331.9	204.4	105.7	46.6	15.7	0.0
-55°	455.8	306.0	185.5	97.2	41.0	14.9	0.0
-57.5°	415.4	278.7	165.2	88.0	35.3	14.0	0.0
-60°	372.8	249.4	143.8	78.1	29.4	13.0	0.0
-62.5°	332.3	218.2	127.8	67.6	27.3	12.1	0.0
-65°	289.3	185.2	110.8	56.5	25.1	11.1	0.0
-67.5°	244.0	155.1	92.8	44.9	22.8	10.1	0.0
-70°	196.7	128.2	74.0	32.8	20.5	9.0	0.0
-72.5°	157.3	100.1	54.4	27.4	18.1	7.9	0.0
-75°	117.8	71.0	34.1	23.5	15.6	6.8	0.0
-77.5°	77.1	41.0	26.2	19.7	13.1	5.7	0.0
-80°	35.4	26.2	21.0	15.8	10.5	4.6	0.0
-82.5°	23.5	19.7	15.8	11.9	7.9	3.5	0.0
-85°	15.7	13.1	10.5	7.9	5.3	2.3	0.0
-87.5°	7.9	6.6	5.3	4.0	2.6	1.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)