

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: P628019 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-750-U-NR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P628019 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA6E-750-U-NR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, NARROW SYMMETRICAL ROUND N152  
Light Source: (96) 5000K CCT, 70 CRI LEDS  
Ballast/Driver: -

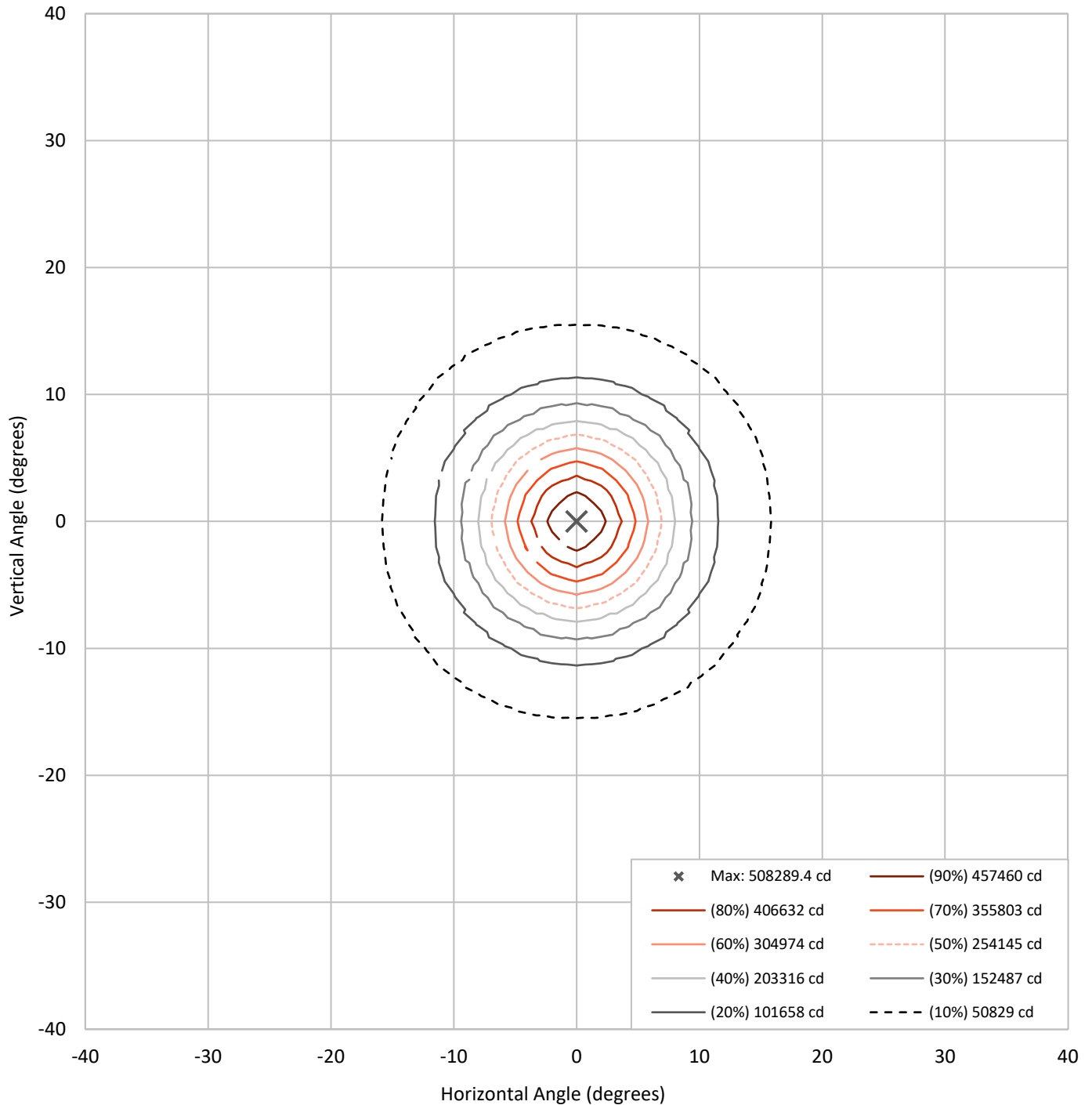
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	53972.9 lumens	Max Intensity:	508289.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	143.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	13.7°H x 13.6°V	Field Angle (10%):	31.6°H x 30.6°V
Beam Lumens:	15957.4 lumens	Field Lumens:	35910.7 lumens
Beam Efficiency:	29.6%	Field Efficiency:	66.5%
Input Watts (W):	376.7		
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





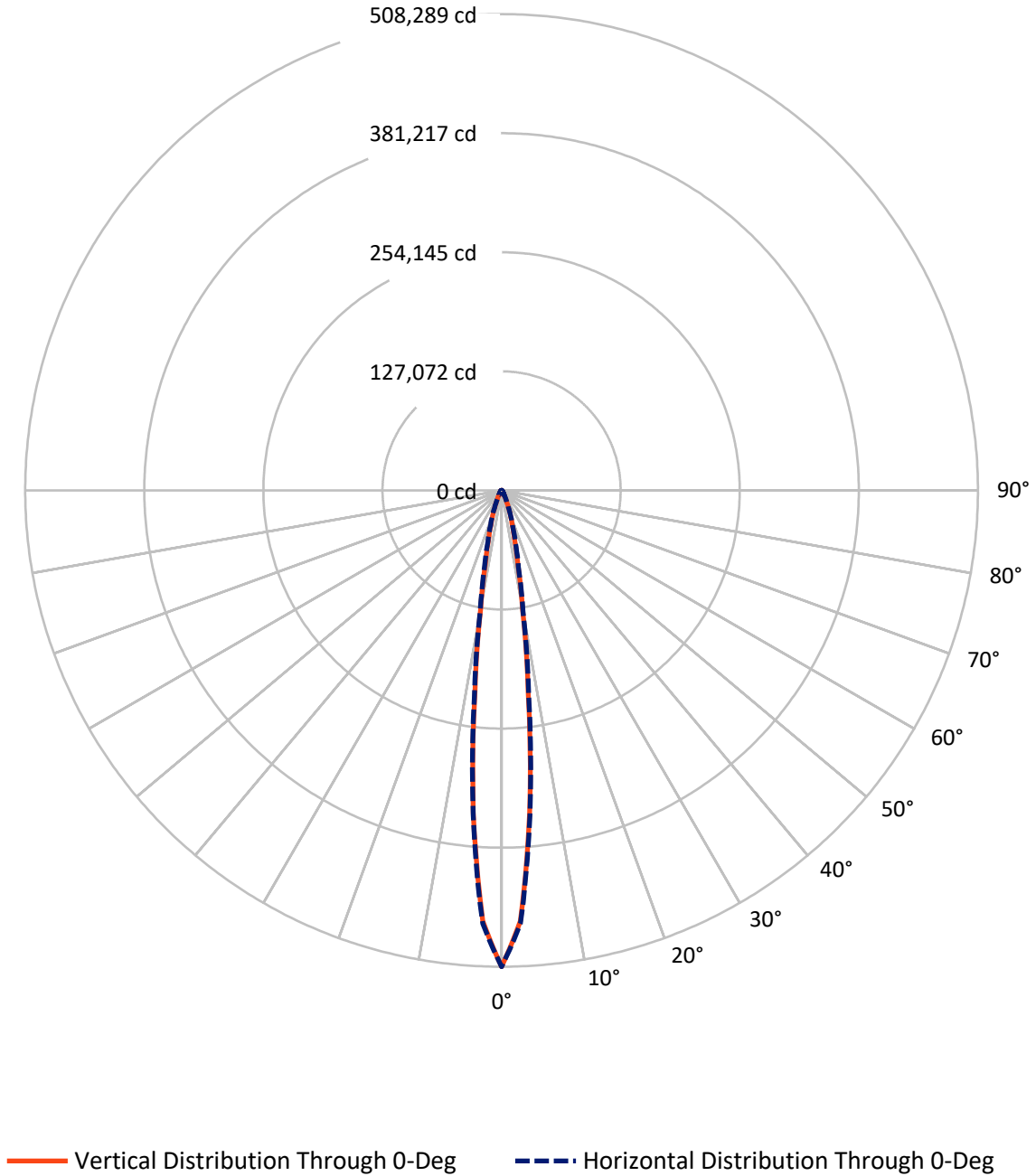
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### Lumen Table

90																
80	0.9	7.4		19.4		31.4		34.3		31.4		19.4		7.4		0.9
70																
60	3.4	3.8	7.8	12.8	18.1	22.2	24.9	26.0	26.0	24.9	22.2	18.1	12.8	7.8	3.8	3.4
50		5.7	11.7	19.0	25.5	31.1	34.8	36.3	36.3	34.8	31.1	25.5	19.0	11.7	5.7	
40	5.9	7.5	15.2	23.5	31.2	39.2	46.2	49.8	49.8	46.2	39.2	31.2	23.5	15.2	7.5	5.9
30		9.0	17.8	27.1	38.4	55.2	77.8	96.3	96.3	77.8	55.2	38.4	27.1	17.8	9.0	
20	7.6	10.2	19.5	30.5	49.7	98.6	224.6	371.7	371.7	224.6	98.6	49.7	30.5	19.5	10.2	7.6
10		10.9	20.5	33.6	65.9	209.4	743.6	1601.5	1601.5	743.6	209.4	65.9	33.6	20.5	10.9	
0	8.2	11.3	21.0	35.7	79.7	345.1	1616.4	6982.6	6982.6	1616.4	345.1	79.7	35.7	21.0	11.3	8.2
-10		11.3	21.0	35.7	79.7	345.1	1616.4	6982.6	6982.6	1616.4	345.1	79.7	35.7	21.0	11.3	
-20	7.6	10.9	20.5	33.6	65.9	209.4	743.6	1601.5	1601.5	743.6	209.4	65.9	33.6	20.5	10.9	7.6
-30		10.2	19.5	30.5	49.7	98.6	224.6	371.7	371.7	224.6	98.6	49.7	30.5	19.5	10.2	
-40	5.9	9.0	17.8	27.1	38.4	55.2	77.8	96.3	96.3	77.8	55.2	38.4	27.1	17.8	9.0	5.9
-50		7.5	15.2	23.5	31.2	39.2	46.2	49.8	49.8	46.2	39.2	31.2	23.5	15.2	7.5	
-60	3.4	5.7	11.7	19.0	25.5	31.1	34.8	36.3	36.3	34.8	31.1	25.5	19.0	11.7	5.7	3.4
-70		3.8	7.8	12.8	18.1	22.2	24.9	26.0	26.0	24.9	22.2	18.1	12.8	7.8	3.8	
-80																
-90	0.9	7.4		19.4		31.4		34.3		31.4		19.4		7.4		0.9
Horizontal Angle (degrees)																

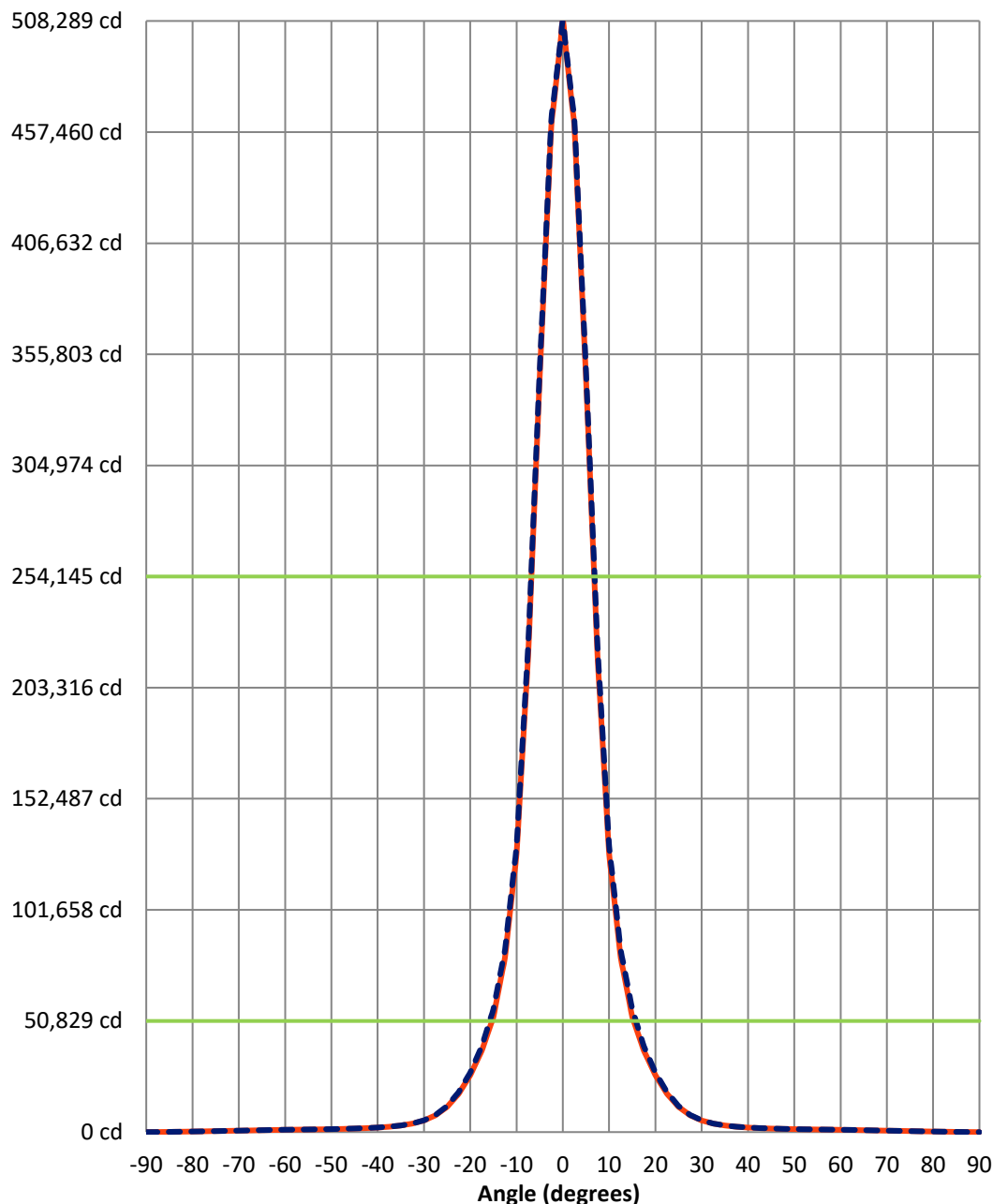
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 13.7°  
 V Angle: 13.6°  
 Lumens: 15957.4  
 Efficiency: 29.6%

**Field:**  
 H Angle: 31.6°  
 V Angle: 30.6°  
 Lumens: 35910.7  
 Efficiency: 66.5%

**Spill:**  
 Lumens: 18062.3  
 Efficiency: 33.5%

— 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	1.7	3.8	5.7	7.6	9.4	11.3	13.1	14.9	16.7	18.4
85°	0.0	3.3	7.6	11.4	15.1	18.9	22.5	26.2	29.8	33.3	36.8
82.5°	0.0	5.0	11.3	17.0	22.7	28.2	33.8	39.2	45.1	53.1	60.9
80°	0.0	6.6	15.1	22.7	30.1	37.6	45.6	56.5	67.2	77.8	88.2
77.5°	0.0	8.2	18.7	28.2	37.6	48.2	62.1	75.8	89.2	102.4	116.5
75°	0.0	9.8	22.4	33.8	45.4	61.3	78.3	94.9	111.3	129.8	147.9
72.5°	0.0	11.4	25.9	39.2	55.3	74.1	94.3	114.6	136.4	157.9	179.0
70°	0.0	12.9	29.3	44.9	65.0	86.7	110.3	136.4	161.3	185.8	213.4
67.5°	0.0	14.4	32.7	51.8	74.5	99.0	128.6	157.9	185.8	217.2	248.1
65°	0.0	15.9	36.0	58.5	83.8	112.5	146.4	179.0	213.4	248.1	284.6
62.5°	0.0	17.3	39.1	65.1	92.8	127.1	163.9	201.9	240.4	279.7	325.5
60°	0.0	18.7	42.1	71.4	101.6	141.4	181.0	225.1	266.9	314.8	365.2
57.5°	0.0	20.0	46.0	77.6	112.5	155.2	199.8	247.7	295.9	348.9	403.6
55°	0.0	21.3	49.9	83.5	123.3	168.7	218.4	269.4	324.7	381.7	440.6
52.5°	0.0	22.5	53.6	89.2	133.8	182.1	236.4	292.7	352.4	413.2	476.1
50°	0.0	23.7	57.3	94.7	143.9	196.6	253.8	315.6	378.8	443.3	510.1
47.5°	0.0	24.8	60.8	100.4	153.6	210.5	270.9	337.7	404.0	472.0	543.5
45°	0.0	25.8	64.2	107.4	162.9	223.9	289.0	358.9	428.3	501.3	576.0
42.5°	0.0	26.8	67.5	114.0	171.8	236.7	306.4	379.2	451.5	529.8	607.7
40°	0.0	27.7	70.7	120.5	180.8	248.9	322.9	398.5	474.4	557.3	638.5
37.5°	0.0	28.6	73.7	126.8	190.0	260.4	338.5	416.8	497.2	582.9	668.4
35°	0.0	29.3	76.6	132.7	198.7	272.2	353.3	434.1	518.4	607.1	697.1
32.5°	0.0	30.0	79.3	138.2	206.8	283.7	367.1	450.3	537.9	629.8	722.1
30°	0.0	30.7	81.9	143.4	214.3	294.3	380.0	465.6	555.8	650.8	744.8
27.5°	0.0	31.2	84.4	148.2	221.7	304.2	391.9	480.1	572.3	670.2	765.2
25°	0.0	31.7	86.6	152.7	228.4	313.2	402.8	493.1	587.9	687.2	783.3
22.5°	0.0	32.1	88.7	156.7	234.6	321.4	412.6	504.7	601.9	701.9	799.0
20°	0.0	32.5	90.6	160.3	240.2	328.4	421.4	514.8	614.3	714.6	813.1
17.5°	0.0	32.7	92.2	163.6	245.1	334.4	428.7	523.5	625.1	725.3	825.7
15°	0.0	32.9	93.7	166.4	249.4	339.4	434.7	531.1	634.2	734.0	836.5
12.5°	0.0	33.1	95.0	168.8	253.1	343.3	439.5	538.2	641.9	740.7	845.6
10°	0.0	33.1	96.1	170.7	256.0	346.2	443.2	544.2	647.9	747.9	854.2
7.5°	0.0	33.1	96.9	172.2	258.4	348.2	445.7	549.0	651.9	754.0	864.3
5°	0.0	33.0	97.5	173.3	260.1	349.2	447.1	552.5	654.1	758.5	872.4
2.5°	0.0	32.9	97.9	174.0	261.1	349.3	447.4	554.7	654.6	761.3	878.4
0°	0.0	32.7	98.0	174.2	261.4	348.5	446.5	555.4	653.4	762.3	882.1
-2.5°	0.0	32.9	97.9	174.0	261.1	349.3	447.4	554.7	654.6	761.3	878.4
-5°	0.0	33.0	97.5	173.3	260.1	349.2	447.1	552.5	654.1	758.5	872.4
-7.5°	0.0	33.1	96.9	172.2	258.4	348.2	445.7	549.0	651.9	754.0	864.3
-10°	0.0	33.1	96.1	170.7	256.0	346.2	443.2	544.2	647.9	747.9	854.2
-12.5°	0.0	33.1	95.0	168.8	253.1	343.3	439.5	538.2	641.9	740.7	845.6
-15°	0.0	32.9	93.7	166.4	249.4	339.4	434.7	531.1	634.2	734.0	836.5
-17.5°	0.0	32.7	92.2	163.6	245.1	334.4	428.7	523.5	625.1	725.3	825.7
-20°	0.0	32.5	90.6	160.3	240.2	328.4	421.4	514.8	614.3	714.6	813.1

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA6E-750-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	32.1	88.7	156.7	234.6	321.4	412.6	504.7	601.9	701.9	799.0
-25°	0.0	31.7	86.6	152.7	228.4	313.2	402.8	493.1	587.9	687.2	783.3
-27.5°	0.0	31.2	84.4	148.2	221.7	304.2	391.9	480.1	572.3	670.2	765.2
-30°	0.0	30.7	81.9	143.4	214.3	294.3	380.0	465.6	555.8	650.8	744.8
-32.5°	0.0	30.0	79.3	138.2	206.8	283.7	367.1	450.3	537.9	629.8	722.1
-35°	0.0	29.3	76.6	132.7	198.7	272.2	353.3	434.1	518.4	607.1	697.1
-37.5°	0.0	28.6	73.7	126.8	190.0	260.4	338.5	416.8	497.2	582.9	668.4
-40°	0.0	27.7	70.7	120.5	180.8	248.9	322.9	398.5	474.4	557.3	638.5
-42.5°	0.0	26.8	67.5	114.0	171.8	236.7	306.4	379.2	451.5	529.8	607.7
-45°	0.0	25.8	64.2	107.4	162.9	223.9	289.0	358.9	428.3	501.3	576.0
-47.5°	0.0	24.8	60.8	100.4	153.6	210.5	270.9	337.7	404.0	472.0	543.5
-50°	0.0	23.7	57.3	94.7	143.9	196.6	253.8	315.6	378.8	443.3	510.1
-52.5°	0.0	22.5	53.6	89.2	133.8	182.1	236.4	292.7	352.4	413.2	476.1
-55°	0.0	21.3	49.9	83.5	123.3	168.7	218.4	269.4	324.7	381.7	440.6
-57.5°	0.0	20.0	46.0	77.6	112.5	155.2	199.8	247.7	295.9	348.9	403.6
-60°	0.0	18.7	42.1	71.4	101.6	141.4	181.0	225.1	266.9	314.8	365.2
-62.5°	0.0	17.3	39.1	65.1	92.8	127.1	163.9	201.9	240.4	279.7	325.5
-65°	0.0	15.9	36.0	58.5	83.8	112.5	146.4	179.0	213.4	248.1	284.6
-67.5°	0.0	14.4	32.7	51.8	74.5	99.0	128.6	157.9	185.8	217.2	248.1
-70°	0.0	12.9	29.3	44.9	65.0	86.7	110.3	136.4	161.3	185.8	213.4
-72.5°	0.0	11.4	25.9	39.2	55.3	74.1	94.3	114.6	136.4	157.9	179.0
-75°	0.0	9.8	22.4	33.8	45.4	61.3	78.3	94.9	111.3	129.8	147.9
-77.5°	0.0	8.2	18.7	28.2	37.6	48.2	62.1	75.8	89.2	102.4	116.5
-80°	0.0	6.6	15.1	22.7	30.1	37.6	45.6	56.5	67.2	77.8	88.2
-82.5°	0.0	5.0	11.3	17.0	22.7	28.2	33.8	39.2	45.1	53.1	60.9
-85°	0.0	3.3	7.6	11.4	15.1	18.9	22.5	26.2	29.8	33.3	36.8
-87.5°	0.0	1.7	3.8	5.7	7.6	9.4	11.3	13.1	14.9	16.7	18.4
-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°	20.1	21.8	23.4	25.0	26.5	28.0	29.5	30.8	32.1	33.4	34.6
85°	40.2	43.6	48.4	53.1	57.2	60.7	63.6	66.1	70.6	75.3	80.2
82.5°	68.6	76.0	83.3	90.4	95.3	99.2	103.0	108.5	118.1	127.4	135.8
80°	98.4	108.4	119.7	130.7	140.2	149.7	159.5	169.6	180.2	190.1	199.7
77.5°	131.3	145.9	160.1	173.9	187.6	202.4	216.8	230.6	243.8	256.4	268.4
75°	165.7	183.1	202.3	221.3	239.7	257.5	275.1	293.7	311.5	328.6	344.8
72.5°	201.9	225.1	247.8	269.9	293.8	317.2	339.8	361.5	382.7	405.0	428.4
70°	240.4	266.9	296.5	324.7	351.4	379.3	407.2	431.2	454.2	484.7	516.0
67.5°	280.0	315.8	349.1	381.0	416.6	449.5	477.9	508.4	541.1	576.4	607.3
65°	326.7	365.6	404.3	444.6	485.7	519.9	555.6	593.4	630.4	665.6	699.1
62.5°	372.7	416.6	461.2	505.2	547.4	588.5	631.4	673.6	714.2	755.2	791.3
60°	417.1	467.0	514.0	559.9	607.8	658.8	706.5	753.1	801.7	848.1	872.4
57.5°	460.0	513.2	562.4	614.0	670.1	727.8	777.7	830.7	872.4	904.5	936.0
55°	500.3	555.6	609.5	667.5	728.5	788.4	844.1	891.2	929.7	959.2	992.5
52.5°	538.0	596.4	655.0	718.4	783.1	846.9	905.3	949.4	984.0	1014.2	1045.4
50°	575.0	636.4	698.3	767.8	837.2	905.1	962.2	1002.6	1035.3	1066.2	1098.3
47.5°	611.5	675.8	742.6	816.6	891.7	957.3	1011.4	1048.3	1081.3	1117.7	1152.9
45°	647.2	716.8	787.6	867.0	942.5	1005.7	1051.7	1088.7	1129.5	1168.8	1206.4
42.5°	682.1	757.2	833.9	916.2	989.2	1046.2	1089.1	1132.8	1176.8	1218.6	1261.1
40°	717.2	795.9	877.2	959.1	1032.6	1081.7	1127.2	1174.4	1222.8	1268.2	1315.3
37.5°	751.0	832.4	916.2	999.0	1065.7	1115.5	1162.8	1214.8	1265.8	1315.4	1376.8
35°	783.0	865.6	950.1	1030.2	1094.5	1146.0	1198.9	1253.6	1307.1	1371.3	1441.2
32.5°	811.7	895.5	981.1	1055.7	1118.6	1174.3	1233.4	1290.6	1354.9	1427.5	1511.5
30°	835.8	921.5	1007.5	1080.3	1141.9	1200.7	1264.9	1327.9	1403.2	1490.5	1590.3
27.5°	857.0	945.0	1028.5	1101.5	1164.0	1222.5	1290.1	1369.7	1456.0	1554.0	1671.3
25°	876.8	968.7	1048.3	1120.8	1181.6	1242.8	1315.2	1403.2	1507.1	1625.1	1768.6
22.5°	895.6	991.4	1068.5	1139.1	1195.4	1261.6	1343.1	1438.9	1551.8	1690.1	1864.7
20°	913.4	1008.4	1084.7	1153.6	1205.8	1277.9	1367.7	1470.0	1598.3	1763.2	1965.2
17.5°	929.9	1023.0	1097.3	1162.1	1219.4	1295.3	1389.4	1495.4	1638.7	1829.6	2057.6
15°	944.9	1035.1	1107.4	1169.0	1231.6	1313.6	1412.1	1526.8	1683.4	1892.9	2139.3
12.5°	958.1	1045.0	1115.2	1174.3	1241.3	1328.5	1432.2	1559.5	1731.4	1955.1	2243.0
10°	969.4	1052.6	1120.7	1178.0	1248.6	1340.0	1448.9	1586.1	1769.7	2003.3	2322.8
7.5°	979.0	1058.6	1124.4	1180.0	1253.4	1347.9	1462.0	1606.4	1796.5	2037.6	2380.4
5°	985.8	1063.4	1129.0	1186.8	1260.8	1354.3	1471.5	1620.3	1812.3	2058.0	2416.2
2.5°	989.7	1066.2	1131.7	1193.1	1268.7	1359.6	1478.7	1635.5	1825.1	2077.8	2443.6
0°	991.0	1067.2	1132.6	1197.9	1274.2	1361.3	1481.1	1644.4	1829.6	2090.9	2461.2
-2.5°	989.7	1066.2	1131.7	1193.1	1268.7	1359.6	1478.7	1635.5	1825.1	2077.8	2443.6
-5°	985.8	1063.4	1129.0	1186.8	1260.8	1354.3	1471.5	1620.3	1812.3	2058.0	2416.2
-7.5°	979.0	1058.6	1124.4	1180.0	1253.4	1347.9	1462.0	1606.4	1796.5	2037.6	2380.4
-10°	969.4	1052.6	1120.7	1178.0	1248.6	1340.0	1448.9	1586.1	1769.7	2003.3	2322.8
-12.5°	958.1	1045.0	1115.2	1174.3	1241.3	1328.5	1432.2	1559.5	1731.4	1955.1	2243.0
-15°	944.9	1035.1	1107.4	1169.0	1231.6	1313.6	1412.1	1526.8	1683.4	1892.9	2139.3
-17.5°	929.9	1023.0	1097.3	1162.1	1219.4	1295.3	1389.4	1495.4	1638.7	1829.6	2057.6
-20°	913.4	1008.4	1084.7	1153.6	1205.8	1277.9	1367.7	1470.0	1598.3	1763.2	1965.2

Classified

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

Scaled Data Report



REPORT NUMBER: P628019 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	895.6	991.4	1068.5	1139.1	1195.4	1261.6	1343.1	1438.9	1551.8	1690.1	1864.7
-25°	876.8	968.7	1048.3	1120.8	1181.6	1242.8	1315.2	1403.2	1507.1	1625.1	1768.6
-27.5°	857.0	945.0	1028.5	1101.5	1164.0	1222.5	1290.1	1369.7	1456.0	1554.0	1671.3
-30°	835.8	921.5	1007.5	1080.3	1141.9	1200.7	1264.9	1327.9	1403.2	1490.5	1590.3
-32.5°	811.7	895.5	981.1	1055.7	1118.6	1174.3	1233.4	1290.6	1354.9	1427.5	1511.5
-35°	783.0	865.6	950.1	1030.2	1094.5	1146.0	1198.9	1253.6	1307.1	1371.3	1441.2
-37.5°	751.0	832.4	916.2	999.0	1065.7	1115.5	1162.8	1214.8	1265.8	1315.4	1376.8
-40°	717.2	795.9	877.2	959.1	1032.6	1081.7	1127.2	1174.4	1222.8	1268.2	1315.3
-42.5°	682.1	757.2	833.9	916.2	989.2	1046.2	1089.1	1132.8	1176.8	1218.6	1261.1
-45°	647.2	716.8	787.6	867.0	942.5	1005.7	1051.7	1088.7	1129.5	1168.8	1206.4
-47.5°	611.5	675.8	742.6	816.6	891.7	957.3	1011.4	1048.3	1081.3	1117.7	1152.9
-50°	575.0	636.4	698.3	767.8	837.2	905.1	962.2	1002.6	1035.3	1066.2	1098.3
-52.5°	538.0	596.4	655.0	718.4	783.1	846.9	905.3	949.4	984.0	1014.2	1045.4
-55°	500.3	555.6	609.5	667.5	728.5	788.4	844.1	891.2	929.7	959.2	992.5
-57.5°	460.0	513.2	562.4	614.0	670.1	727.8	777.7	830.7	872.4	904.5	936.0
-60°	417.1	467.0	514.0	559.9	607.8	658.8	706.5	753.1	801.7	848.1	872.4
-62.5°	372.7	416.6	461.2	505.2	547.4	588.5	631.4	673.6	714.2	755.2	791.3
-65°	326.7	365.6	404.3	444.6	485.7	519.9	555.6	593.4	630.4	665.6	699.1
-67.5°	280.0	315.8	349.1	381.0	416.6	449.5	477.9	508.4	541.1	576.4	607.3
-70°	240.4	266.9	296.5	324.7	351.4	379.3	407.2	431.2	454.2	484.7	516.0
-72.5°	201.9	225.1	247.8	269.9	293.8	317.2	339.8	361.5	382.7	405.0	428.4
-75°	165.7	183.1	202.3	221.3	239.7	257.5	275.1	293.7	311.5	328.6	344.8
-77.5°	131.3	145.9	160.1	173.9	187.6	202.4	216.8	230.6	243.8	256.4	268.4
-80°	98.4	108.4	119.7	130.7	140.2	149.7	159.5	169.6	180.2	190.1	199.7
-82.5°	68.6	76.0	83.3	90.4	95.3	99.2	103.0	108.5	118.1	127.4	135.8
-85°	40.2	43.6	48.4	53.1	57.2	60.7	63.6	66.1	70.6	75.3	80.2
-87.5°	20.1	21.8	23.4	25.0	26.5	28.0	29.5	30.8	32.1	33.4	34.6
-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: P628019 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-U-NR-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°	35.7	36.8	37.8	38.7	39.5	40.3	41.0	41.6	42.1	39.9	37.6
85°	85.2	88.4	91.4	94.1	96.6	98.9	101.0	102.8	104.4	103.1	101.5
82.5°	143.4	149.1	154.3	159.1	163.6	167.6	171.2	174.5	177.3	177.0	176.2
80°	208.7	218.1	227.5	236.7	245.8	251.4	255.4	258.4	260.5	261.4	261.7
77.5°	280.6	295.1	310.1	324.9	339.4	347.8	353.8	358.7	362.7	363.6	362.8
75°	360.1	378.8	399.3	417.3	432.9	442.4	449.1	454.7	459.3	460.4	459.9
72.5°	452.7	475.6	494.1	509.3	522.4	532.7	541.0	548.1	553.9	556.3	556.6
70°	543.6	566.3	583.9	599.3	612.2	622.9	632.8	641.3	648.4	653.6	657.4
67.5°	635.8	661.8	679.8	693.7	704.7	715.9	729.2	740.6	750.3	756.7	759.9
65°	730.5	757.3	774.6	789.9	803.3	817.5	832.2	843.1	850.2	854.6	857.5
62.5°	822.1	847.1	868.9	889.1	908.6	924.7	934.9	943.9	951.7	958.2	963.1
60°	900.7	932.7	957.1	976.5	995.5	1013.8	1026.3	1036.1	1043.8	1049.5	1053.0
57.5°	967.9	1000.4	1029.2	1048.0	1068.6	1090.6	1105.0	1113.3	1121.0	1127.5	1130.6
55°	1026.6	1056.6	1083.1	1108.9	1132.1	1151.8	1167.2	1178.3	1187.7	1195.2	1197.6
52.5°	1079.4	1112.1	1143.3	1170.7	1193.4	1212.2	1227.4	1241.3	1251.9	1259.0	1262.3
50°	1135.0	1170.1	1203.5	1233.4	1256.7	1277.9	1296.8	1313.2	1328.9	1341.2	1350.2
47.5°	1189.6	1227.1	1263.9	1296.8	1324.8	1355.5	1383.0	1406.3	1429.1	1447.6	1460.3
45°	1244.7	1287.9	1327.9	1370.4	1408.3	1448.5	1485.9	1518.0	1551.1	1576.0	1592.9
42.5°	1305.8	1354.9	1403.2	1456.0	1507.7	1560.1	1616.7	1667.1	1706.1	1742.7	1772.3
40°	1371.3	1427.5	1490.5	1555.4	1631.5	1700.7	1776.7	1842.0	1900.9	1963.3	2012.9
37.5°	1441.2	1511.5	1594.2	1681.0	1779.5	1874.1	1973.3	2070.9	2156.1	2256.5	2333.1
35°	1518.5	1612.3	1714.1	1831.5	1954.1	2089.6	2225.4	2382.3	2517.3	2665.9	2795.3
32.5°	1609.9	1721.9	1855.5	2010.3	2167.9	2373.5	2565.6	2815.4	3031.3	3267.0	3504.4
30°	1704.0	1850.3	2022.9	2217.8	2468.4	2751.1	3066.2	3437.7	3820.7	4191.3	4638.4
27.5°	1820.6	1997.1	2206.1	2490.9	2859.7	3241.8	3783.6	4341.4	5045.4	5627.7	6448.8
25°	1941.7	2149.5	2446.3	2833.8	3315.1	3978.3	4800.5	5691.9	6930.6	8018.9	9295.3
22.5°	2073.5	2354.1	2723.4	3201.6	3931.4	4949.4	6194.5	7872.3	9699.5	11639.3	13569.0
20°	2210.9	2550.2	3034.4	3727.5	4728.9	6107.6	8245.1	10835.3	13445.6	16646.3	19480.7
17.5°	2369.9	2801.9	3398.5	4265.3	5601.6	7713.5	10678.8	14294.9	18344.5	22946.6	27032.7
15°	2502.3	3017.5	3770.5	4983.2	6821.2	9533.3	13272.7	18247.4	24332.7	30513.5	36784.3
12.5°	2656.2	3252.0	4136.4	5582.4	7890.8	11495.2	16585.3	22881.8	30481.7	39054.7	49161.1
10°	2792.8	3482.4	4581.7	6371.7	9192.7	13541.4	19718.9	27293.9	37101.7	49436.3	65087.0
7.5°	2894.0	3665.6	4925.5	6972.3	10318.1	15508.6	22679.5	32125.5	44587.9	60875.8	82355.1
5°	2959.7	3798.3	5168.7	7435.8	11199.1	16972.7	24849.3	35552.4	50587.4	73623.8	109996.1
2.5°	2999.1	3876.8	5307.6	7707.6	11734.9	17942.8	26500.1	38143.6	54475.6	81502.0	127774.4
0°	3016.6	3898.7	5390.7	7851.8	11913.9	18317.3	27258.2	39324.5	56215.2	83342.7	130900.3
-2.5°	2999.1	3876.8	5307.6	7707.6	11734.9	17942.8	26500.1	38143.6	54475.6	81502.0	127774.4
-5°	2959.7	3798.3	5168.7	7435.8	11199.1	16972.7	24849.3	35552.4	50587.4	73623.8	109996.1
-7.5°	2894.0	3665.6	4925.5	6972.3	10318.1	15508.6	22679.5	32125.5	44587.9	60875.8	82355.1
-10°	2792.8	3482.4	4581.7	6371.7	9192.7	13541.4	19718.9	27293.9	37101.7	49436.3	65087.0
-12.5°	2656.2	3252.0	4136.4	5582.4	7890.8	11495.2	16585.3	22881.8	30481.7	39054.7	49161.1
-15°	2502.3	3017.5	3770.5	4983.2	6821.2	9533.3	13272.7	18247.4	24332.7	30513.5	36784.3
-17.5°	2369.9	2801.9	3398.5	4265.3	5601.6	7713.5	10678.8	14294.9	18344.5	22946.6	27032.7
-20°	2210.9	2550.2	3034.4	3727.5	4728.9	6107.6	8245.1	10835.3	13445.6	16646.3	19480.7

Classified

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

Scaled Data Report



REPORT NUMBER: P628019 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2073.5	2354.1	2723.4	3201.6	3931.4	4949.4	6194.5	7872.3	9699.5	11639.3	13569.0
-25°	1941.7	2149.5	2446.3	2833.8	3315.1	3978.3	4800.5	5691.9	6930.6	8018.9	9295.3
-27.5°	1820.6	1997.1	2206.1	2490.9	2859.7	3241.8	3783.6	4341.4	5045.4	5627.7	6448.8
-30°	1704.0	1850.3	2022.9	2217.8	2468.4	2751.1	3066.2	3437.7	3820.7	4191.3	4638.4
-32.5°	1609.9	1721.9	1855.5	2010.3	2167.9	2373.5	2565.6	2815.4	3031.3	3267.0	3504.4
-35°	1518.5	1612.3	1714.1	1831.5	1954.1	2089.6	2225.4	2382.3	2517.3	2665.9	2795.3
-37.5°	1441.2	1511.5	1594.2	1681.0	1779.5	1874.1	1973.3	2070.9	2156.1	2256.5	2333.1
-40°	1371.3	1427.5	1490.5	1555.4	1631.5	1700.7	1776.7	1842.0	1900.9	1963.3	2012.9
-42.5°	1305.8	1354.9	1403.2	1456.0	1507.7	1560.1	1616.7	1667.1	1706.1	1742.7	1772.3
-45°	1244.7	1287.9	1327.9	1370.4	1408.3	1448.5	1485.9	1518.0	1551.1	1576.0	1592.9
-47.5°	1189.6	1227.1	1263.9	1296.8	1324.8	1355.5	1383.0	1406.3	1429.1	1447.6	1460.3
-50°	1135.0	1170.1	1203.5	1233.4	1256.7	1277.9	1296.8	1313.2	1328.9	1341.2	1350.2
-52.5°	1079.4	1112.1	1143.3	1170.7	1193.4	1212.2	1227.4	1241.3	1251.9	1259.0	1262.3
-55°	1026.6	1056.6	1083.1	1108.9	1132.1	1151.8	1167.2	1178.3	1187.7	1195.2	1197.6
-57.5°	967.9	1000.4	1029.2	1048.0	1068.6	1090.6	1105.0	1113.3	1121.0	1127.5	1130.6
-60°	900.7	932.7	957.1	976.5	995.5	1013.8	1026.3	1036.1	1043.8	1049.5	1053.0
-62.5°	822.1	847.1	868.9	889.1	908.6	924.7	934.9	943.9	951.7	958.2	963.1
-65°	730.5	757.3	774.6	789.9	803.3	817.5	832.2	843.1	850.2	854.6	857.5
-67.5°	635.8	661.8	679.8	693.7	704.7	715.9	729.2	740.6	750.3	756.7	759.9
-70°	543.6	566.3	583.9	599.3	612.2	622.9	632.8	641.3	648.4	653.6	657.4
-72.5°	452.7	475.6	494.1	509.3	522.4	532.7	541.0	548.1	553.9	556.3	556.6
-75°	360.1	378.8	399.3	417.3	432.9	442.4	449.1	454.7	459.3	460.4	459.9
-77.5°	280.6	295.1	310.1	324.9	339.4	347.8	353.8	358.7	362.7	363.6	362.8
-80°	208.7	218.1	227.5	236.7	245.8	251.4	255.4	258.4	260.5	261.4	261.7
-82.5°	143.4	149.1	154.3	159.1	163.6	167.6	171.2	174.5	177.3	177.0	176.2
-85°	85.2	88.4	91.4	94.1	96.6	98.9	101.0	102.8	104.4	103.1	101.5
-87.5°	35.7	36.8	37.8	38.7	39.5	40.3	41.0	41.6	42.1	39.9	37.6
-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: P628019 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-750-U-NR-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°	35.1	32.6	32.7	32.7	32.7	32.6	35.1	37.6	39.9	42.1	41.6
85°	99.6	97.5	97.9	98.0	97.9	97.5	99.6	101.5	103.1	104.4	102.8
82.5°	175.0	173.4	174.0	174.2	174.0	173.4	175.0	176.2	177.0	177.3	174.5
80°	261.2	260.1	255.7	250.5	255.7	260.1	261.2	261.7	261.4	260.5	258.4
77.5°	360.9	357.8	353.6	348.5	353.6	357.8	360.9	362.8	363.6	362.7	358.7
75°	458.3	455.5	456.8	457.4	456.8	455.5	458.3	459.9	460.4	459.3	454.7
72.5°	555.6	553.2	554.7	555.4	554.7	553.2	555.6	556.6	556.3	553.9	548.1
70°	660.0	661.2	658.4	653.4	658.4	661.2	660.0	657.4	653.6	648.4	641.3
67.5°	760.9	759.6	756.4	751.4	756.4	759.6	760.9	759.9	756.7	750.3	740.6
65°	858.5	857.4	859.3	860.3	859.3	857.4	858.5	857.5	854.6	850.2	843.1
62.5°	965.6	965.6	963.3	958.3	963.3	965.6	965.6	963.1	958.2	951.7	943.9
60°	1054.4	1053.6	1050.6	1045.5	1050.6	1053.6	1054.4	1053.0	1049.5	1043.8	1036.1
57.5°	1131.5	1130.4	1127.1	1121.7	1127.1	1130.4	1131.5	1130.6	1127.5	1121.0	1113.3
55°	1198.0	1196.3	1192.7	1187.0	1192.7	1196.3	1198.0	1197.6	1195.2	1187.7	1178.3
52.5°	1263.1	1261.7	1262.1	1263.3	1262.1	1261.7	1263.1	1262.3	1259.0	1251.9	1241.3
50°	1355.6	1357.4	1355.8	1350.4	1355.8	1357.4	1355.6	1350.2	1341.2	1328.9	1313.2
47.5°	1466.4	1467.1	1464.5	1459.3	1464.5	1467.1	1466.4	1460.3	1447.6	1429.1	1406.3
45°	1606.1	1614.0	1616.1	1611.8	1616.1	1614.0	1606.1	1592.9	1576.0	1551.1	1518.0
42.5°	1795.2	1807.6	1811.2	1807.8	1811.2	1807.6	1795.2	1772.3	1742.7	1706.1	1667.1
40°	2043.4	2057.5	2060.2	2058.2	2060.2	2057.5	2043.4	2012.9	1963.3	1900.9	1842.0
37.5°	2387.0	2421.4	2437.5	2439.4	2437.5	2421.4	2387.0	2333.1	2256.5	2156.1	2070.9
35°	2893.9	2962.3	2998.9	3016.6	2998.9	2962.3	2893.9	2795.3	2665.9	2517.3	2382.3
32.5°	3684.2	3821.2	3897.1	3887.8	3897.1	3821.2	3684.2	3504.4	3267.0	3031.3	2815.4
30°	4975.5	5214.9	5335.5	5303.5	5335.5	5214.9	4975.5	4638.4	4191.3	3820.7	3437.7
27.5°	7038.4	7471.3	7721.6	7688.5	7721.6	7471.3	7038.4	6448.8	5627.7	5045.4	4341.4
25°	10362.4	11152.3	11658.0	11532.7	11658.0	11152.3	10362.4	9295.3	8018.9	6930.6	5691.9
22.5°	15418.8	16756.9	17642.5	17533.2	17642.5	16756.9	15418.8	13569.0	11639.3	9699.5	7872.3
20°	22354.7	24391.5	25845.8	26038.5	25845.8	24391.5	22354.7	19480.7	16646.3	13445.6	10835.3
17.5°	31446.4	34675.8	36923.8	37299.0	36923.8	34675.8	31446.4	27032.7	22946.6	18344.5	14294.9
15°	43262.3	48540.6	52360.6	52675.9	52360.6	48540.6	43262.3	36784.3	30513.5	24332.7	18247.4
12.5°	59306.6	69922.7	76851.1	79901.4	76851.1	69922.7	59306.6	49161.1	39054.7	30481.7	22881.8
10°	81511.0	105895.6	121511.9	127382.7	121511.9	105895.6	81511.0	65087.0	49436.3	37101.7	27293.9
7.5°	118599.1	156883.6	199446.0	217586.3	199446.0	156883.6	118599.1	82355.1	60875.8	44587.9	32125.5
5°	160598.4	240054.2	315630.8	345143.3	315630.8	240054.2	160598.4	109996.1	73623.8	50587.4	35552.4
2.5°	204792.6	315542.3	419323.3	459909.7	419323.3	315542.3	204792.6	127774.4	81502.0	54475.6	38143.6
0°	222051.3	348595.5	462779.3	508289.4	462779.3	348595.5	222051.3	130900.3	83342.7	56215.2	39324.5
-2.5°	204792.6	315542.3	419323.3	459909.7	419323.3	315542.3	204792.6	127774.4	81502.0	54475.6	38143.6
-5°	160598.4	240054.2	315630.8	345143.3	315630.8	240054.2	160598.4	109996.1	73623.8	50587.4	35552.4
-7.5°	118599.1	156883.6	199446.0	217586.3	199446.0	156883.6	118599.1	82355.1	60875.8	44587.9	32125.5
-10°	81511.0	105895.6	121511.9	127382.7	121511.9	105895.6	81511.0	65087.0	49436.3	37101.7	27293.9
-12.5°	59306.6	69922.7	76851.1	79901.4	76851.1	69922.7	59306.6	49161.1	39054.7	30481.7	22881.8
-15°	43262.3	48540.6	52360.6	52675.9	52360.6	48540.6	43262.3	36784.3	30513.5	24332.7	18247.4
-17.5°	31446.4	34675.8	36923.8	37299.0	36923.8	34675.8	31446.4	27032.7	22946.6	18344.5	14294.9
-20°	22354.7	24391.5	25845.8	26038.5	25845.8	24391.5	22354.7	19480.7	16646.3	13445.6	10835.3



REPORT NUMBER: P628019 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	15418.8	16756.9	17642.5	17533.2	17642.5	16756.9	15418.8	13569.0	11639.3	9699.5	7872.3
-25°	10362.4	11152.3	11658.0	11532.7	11658.0	11152.3	10362.4	9295.3	8018.9	6930.6	5691.9
-27.5°	7038.4	7471.3	7721.6	7688.5	7721.6	7471.3	7038.4	6448.8	5627.7	5045.4	4341.4
-30°	4975.5	5214.9	5335.5	5303.5	5335.5	5214.9	4975.5	4638.4	4191.3	3820.7	3437.7
-32.5°	3684.2	3821.2	3897.1	3887.8	3897.1	3821.2	3684.2	3504.4	3267.0	3031.3	2815.4
-35°	2893.9	2962.3	2998.9	3016.6	2998.9	2962.3	2893.9	2795.3	2665.9	2517.3	2382.3
-37.5°	2387.0	2421.4	2437.5	2439.4	2437.5	2421.4	2387.0	2333.1	2256.5	2156.1	2070.9
-40°	2043.4	2057.5	2060.2	2058.2	2060.2	2057.5	2043.4	2012.9	1963.3	1900.9	1842.0
-42.5°	1795.2	1807.6	1811.2	1807.8	1811.2	1807.6	1795.2	1772.3	1742.7	1706.1	1667.1
-45°	1606.1	1614.0	1616.1	1611.8	1616.1	1614.0	1606.1	1592.9	1576.0	1551.1	1518.0
-47.5°	1466.4	1467.1	1464.5	1459.3	1464.5	1467.1	1466.4	1460.3	1447.6	1429.1	1406.3
-50°	1355.6	1357.4	1355.8	1350.4	1355.8	1357.4	1355.6	1350.2	1341.2	1328.9	1313.2
-52.5°	1263.1	1261.7	1262.1	1263.3	1262.1	1261.7	1263.1	1262.3	1259.0	1251.9	1241.3
-55°	1198.0	1196.3	1192.7	1187.0	1192.7	1196.3	1198.0	1197.6	1195.2	1187.7	1178.3
-57.5°	1131.5	1130.4	1127.1	1121.7	1127.1	1130.4	1131.5	1130.6	1127.5	1121.0	1113.3
-60°	1054.4	1053.6	1050.6	1045.5	1050.6	1053.6	1054.4	1053.0	1049.5	1043.8	1036.1
-62.5°	965.6	965.6	963.3	958.3	963.3	965.6	965.6	963.1	958.2	951.7	943.9
-65°	858.5	857.4	859.3	860.3	859.3	857.4	858.5	857.5	854.6	850.2	843.1
-67.5°	760.9	759.6	756.4	751.4	756.4	759.6	760.9	759.9	756.7	750.3	740.6
-70°	660.0	661.2	658.4	653.4	658.4	661.2	660.0	657.4	653.6	648.4	641.3
-72.5°	555.6	553.2	554.7	555.4	554.7	553.2	555.6	556.6	556.3	553.9	548.1
-75°	458.3	455.5	456.8	457.4	456.8	455.5	458.3	459.9	460.4	459.3	454.7
-77.5°	360.9	357.8	353.6	348.5	353.6	357.8	360.9	362.8	363.6	362.7	358.7
-80°	261.2	260.1	255.7	250.5	255.7	260.1	261.2	261.7	261.4	260.5	258.4
-82.5°	175.0	173.4	174.0	174.2	174.0	173.4	175.0	176.2	177.0	177.3	174.5
-85°	99.6	97.5	97.9	98.0	97.9	97.5	99.6	101.5	103.1	104.4	102.8
-87.5°	35.1	32.6	32.7	32.7	32.7	32.6	35.1	37.6	39.9	42.1	41.6
-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: P628019 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-U-NR-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°	41.0	40.3	39.5	38.7	37.8	36.8	35.7	34.6	33.4	32.1	30.8
85°	101.0	98.9	96.6	94.1	91.4	88.4	85.2	80.2	75.3	70.6	66.1
82.5°	171.2	167.6	163.6	159.1	154.3	149.1	143.4	135.8	127.4	118.1	108.5
80°	255.4	251.4	245.8	236.7	227.5	218.1	208.7	199.7	190.1	180.2	169.6
77.5°	353.8	347.8	339.4	324.9	310.1	295.1	280.6	268.4	256.4	243.8	230.6
75°	449.1	442.4	432.9	417.3	399.3	378.8	360.1	344.8	328.6	311.5	293.7
72.5°	541.0	532.7	522.4	509.3	494.1	475.6	452.7	428.4	405.0	382.7	361.5
70°	632.8	622.9	612.2	599.3	583.9	566.3	543.6	516.0	484.7	454.2	431.2
67.5°	729.2	715.9	704.7	693.7	679.8	661.8	635.8	607.3	576.4	541.1	508.4
65°	832.2	817.5	803.3	789.9	774.6	757.3	730.5	699.1	665.6	630.4	593.4
62.5°	934.9	924.7	908.6	889.1	868.9	847.1	822.1	791.3	755.2	714.2	673.6
60°	1026.3	1013.8	995.5	976.5	957.1	932.7	900.7	872.4	848.1	801.7	753.1
57.5°	1105.0	1090.6	1068.6	1048.0	1029.2	1000.4	967.9	936.0	904.5	872.4	830.7
55°	1167.2	1151.8	1132.1	1108.9	1083.1	1056.6	1026.6	992.5	959.2	929.7	891.2
52.5°	1227.4	1212.2	1193.4	1170.7	1143.3	1112.1	1079.4	1045.4	1014.2	984.0	949.4
50°	1296.8	1277.9	1256.7	1233.4	1203.5	1170.1	1135.0	1098.3	1066.2	1035.3	1002.6
47.5°	1383.0	1355.5	1324.8	1296.8	1263.9	1227.1	1189.6	1152.9	1117.7	1081.3	1048.3
45°	1485.9	1448.5	1408.3	1370.4	1327.9	1287.9	1244.7	1206.4	1168.8	1129.5	1088.7
42.5°	1616.7	1560.1	1507.7	1456.0	1403.2	1354.9	1305.8	1261.1	1218.6	1176.8	1132.8
40°	1776.7	1700.7	1631.5	1555.4	1490.5	1427.5	1371.3	1315.3	1268.2	1222.8	1174.4
37.5°	1973.3	1874.1	1779.5	1681.0	1594.2	1511.5	1441.2	1376.8	1315.4	1265.8	1214.8
35°	2225.4	2089.6	1954.1	1831.5	1714.1	1612.3	1518.5	1441.2	1371.3	1307.1	1253.6
32.5°	2565.6	2373.5	2167.9	2010.3	1855.5	1721.9	1609.9	1511.5	1427.5	1354.9	1290.6
30°	3066.2	2751.1	2468.4	2217.8	2022.9	1850.3	1704.0	1590.3	1490.5	1403.2	1327.9
27.5°	3783.6	3241.8	2859.7	2490.9	2206.1	1997.1	1820.6	1671.3	1554.0	1456.0	1369.7
25°	4800.5	3978.3	3315.1	2833.8	2446.3	2149.5	1941.7	1768.6	1625.1	1507.1	1403.2
22.5°	6194.5	4949.4	3931.4	3201.6	2723.4	2354.1	2073.5	1864.7	1690.1	1551.8	1438.9
20°	8245.1	6107.6	4728.9	3727.5	3034.4	2550.2	2210.9	1965.2	1763.2	1598.3	1470.0
17.5°	10678.8	7713.5	5601.6	4265.3	3398.5	2801.9	2369.9	2057.6	1829.6	1638.7	1495.4
15°	13272.7	9533.3	6821.2	4983.2	3770.5	3017.5	2502.3	2139.3	1892.9	1683.4	1526.8
12.5°	16585.3	11495.2	7890.8	5582.4	4136.4	3252.0	2656.2	2243.0	1955.1	1731.4	1559.5
10°	19718.9	13541.4	9192.7	6371.7	4581.7	3482.4	2792.8	2322.8	2003.3	1769.7	1586.1
7.5°	22679.5	15508.6	10318.1	6972.3	4925.5	3665.6	2894.0	2380.4	2037.6	1796.5	1606.4
5°	24849.3	16972.7	11199.1	7435.8	5168.7	3798.3	2959.7	2416.2	2058.0	1812.3	1620.3
2.5°	26500.1	17942.8	11734.9	7707.6	5307.6	3876.8	2999.1	2443.6	2077.8	1825.1	1635.5
0°	27258.2	18317.3	11913.9	7851.8	5390.7	3898.7	3016.6	2461.2	2090.9	1829.6	1644.4
-2.5°	26500.1	17942.8	11734.9	7707.6	5307.6	3876.8	2999.1	2443.6	2077.8	1825.1	1635.5
-5°	24849.3	16972.7	11199.1	7435.8	5168.7	3798.3	2959.7	2416.2	2058.0	1812.3	1620.3
-7.5°	22679.5	15508.6	10318.1	6972.3	4925.5	3665.6	2894.0	2380.4	2037.6	1796.5	1606.4
-10°	19718.9	13541.4	9192.7	6371.7	4581.7	3482.4	2792.8	2322.8	2003.3	1769.7	1586.1
-12.5°	16585.3	11495.2	7890.8	5582.4	4136.4	3252.0	2656.2	2243.0	1955.1	1731.4	1559.5
-15°	13272.7	9533.3	6821.2	4983.2	3770.5	3017.5	2502.3	2139.3	1892.9	1683.4	1526.8
-17.5°	10678.8	7713.5	5601.6	4265.3	3398.5	2801.9	2369.9	2057.6	1829.6	1638.7	1495.4
-20°	8245.1	6107.6	4728.9	3727.5	3034.4	2550.2	2210.9	1965.2	1763.2	1598.3	1470.0

Classified

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

Scaled Data Report



REPORT NUMBER: P628019 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6194.5	4949.4	3931.4	3201.6	2723.4	2354.1	2073.5	1864.7	1690.1	1551.8	1438.9
-25°	4800.5	3978.3	3315.1	2833.8	2446.3	2149.5	1941.7	1768.6	1625.1	1507.1	1403.2
-27.5°	3783.6	3241.8	2859.7	2490.9	2206.1	1997.1	1820.6	1671.3	1554.0	1456.0	1369.7
-30°	3066.2	2751.1	2468.4	2217.8	2022.9	1850.3	1704.0	1590.3	1490.5	1403.2	1327.9
-32.5°	2565.6	2373.5	2167.9	2010.3	1855.5	1721.9	1609.9	1511.5	1427.5	1354.9	1290.6
-35°	2225.4	2089.6	1954.1	1831.5	1714.1	1612.3	1518.5	1441.2	1371.3	1307.1	1253.6
-37.5°	1973.3	1874.1	1779.5	1681.0	1594.2	1511.5	1441.2	1376.8	1315.4	1265.8	1214.8
-40°	1776.7	1700.7	1631.5	1555.4	1490.5	1427.5	1371.3	1315.3	1268.2	1222.8	1174.4
-42.5°	1616.7	1560.1	1507.7	1456.0	1403.2	1354.9	1305.8	1261.1	1218.6	1176.8	1132.8
-45°	1485.9	1448.5	1408.3	1370.4	1327.9	1287.9	1244.7	1206.4	1168.8	1129.5	1088.7
-47.5°	1383.0	1355.5	1324.8	1296.8	1263.9	1227.1	1189.6	1152.9	1117.7	1081.3	1048.3
-50°	1296.8	1277.9	1256.7	1233.4	1203.5	1170.1	1135.0	1098.3	1066.2	1035.3	1002.6
-52.5°	1227.4	1212.2	1193.4	1170.7	1143.3	1112.1	1079.4	1045.4	1014.2	984.0	949.4
-55°	1167.2	1151.8	1132.1	1108.9	1083.1	1056.6	1026.6	992.5	959.2	929.7	891.2
-57.5°	1105.0	1090.6	1068.6	1048.0	1029.2	1000.4	967.9	936.0	904.5	872.4	830.7
-60°	1026.3	1013.8	995.5	976.5	957.1	932.7	900.7	872.4	848.1	801.7	753.1
-62.5°	934.9	924.7	908.6	889.1	868.9	847.1	822.1	791.3	755.2	714.2	673.6
-65°	832.2	817.5	803.3	789.9	774.6	757.3	730.5	699.1	665.6	630.4	593.4
-67.5°	729.2	715.9	704.7	693.7	679.8	661.8	635.8	607.3	576.4	541.1	508.4
-70°	632.8	622.9	612.2	599.3	583.9	566.3	543.6	516.0	484.7	454.2	431.2
-72.5°	541.0	532.7	522.4	509.3	494.1	475.6	452.7	428.4	405.0	382.7	361.5
-75°	449.1	442.4	432.9	417.3	399.3	378.8	360.1	344.8	328.6	311.5	293.7
-77.5°	353.8	347.8	339.4	324.9	310.1	295.1	280.6	268.4	256.4	243.8	230.6
-80°	255.4	251.4	245.8	236.7	227.5	218.1	208.7	199.7	190.1	180.2	169.6
-82.5°	171.2	167.6	163.6	159.1	154.3	149.1	143.4	135.8	127.4	118.1	108.5
-85°	101.0	98.9	96.6	94.1	91.4	88.4	85.2	80.2	75.3	70.6	66.1
-87.5°	41.0	40.3	39.5	38.7	37.8	36.8	35.7	34.6	33.4	32.1	30.8
-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: P628019 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6E-750-U-NR-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°	29.5	28.0	26.5	25.0	23.4	21.8	20.1	18.4	16.7	14.9	13.1
85°	63.6	60.7	57.2	53.1	48.4	43.6	40.2	36.8	33.3	29.8	26.2
82.5°	103.0	99.2	95.3	90.4	83.3	76.0	68.6	60.9	53.1	45.1	39.2
80°	159.5	149.7	140.2	130.7	119.7	108.4	98.4	88.2	77.8	67.2	56.5
77.5°	216.8	202.4	187.6	173.9	160.1	145.9	131.3	116.5	102.4	89.2	75.8
75°	275.1	257.5	239.7	221.3	202.3	183.1	165.7	147.9	129.8	111.3	94.9
72.5°	339.8	317.2	293.8	269.9	247.8	225.1	201.9	179.0	157.9	136.4	114.6
70°	407.2	379.3	351.4	324.7	296.5	266.9	240.4	213.4	185.8	161.3	136.4
67.5°	477.9	449.5	416.6	381.0	349.1	315.8	280.0	248.1	217.2	185.8	157.9
65°	555.6	519.9	485.7	444.6	404.3	365.6	326.7	284.6	248.1	213.4	179.0
62.5°	631.4	588.5	547.4	505.2	461.2	416.6	372.7	325.5	279.7	240.4	201.9
60°	706.5	658.8	607.8	559.9	514.0	467.0	417.1	365.2	314.8	266.9	225.1
57.5°	777.7	727.8	670.1	614.0	562.4	513.2	460.0	403.6	348.9	295.9	247.7
55°	844.1	788.4	728.5	667.5	609.5	555.6	500.3	440.6	381.7	324.7	269.4
52.5°	905.3	846.9	783.1	718.4	655.0	596.4	538.0	476.1	413.2	352.4	292.7
50°	962.2	905.1	837.2	767.8	698.3	636.4	575.0	510.1	443.3	378.8	315.6
47.5°	1011.4	957.3	891.7	816.6	742.6	675.8	611.5	543.5	472.0	404.0	337.7
45°	1051.7	1005.7	942.5	867.0	787.6	716.8	647.2	576.0	501.3	428.3	358.9
42.5°	1089.1	1046.2	989.2	916.2	833.9	757.2	682.1	607.7	529.8	451.5	379.2
40°	1127.2	1081.7	1032.6	959.1	877.2	795.9	717.2	638.5	557.3	474.4	398.5
37.5°	1162.8	1115.5	1065.7	999.0	916.2	832.4	751.0	668.4	582.9	497.2	416.8
35°	1198.9	1146.0	1094.5	1030.2	950.1	865.6	783.0	697.1	607.1	518.4	434.1
32.5°	1233.4	1174.3	1118.6	1055.7	981.1	895.5	811.7	722.1	629.8	537.9	450.3
30°	1264.9	1200.7	1141.9	1080.3	1007.5	921.5	835.8	744.8	650.8	555.8	465.6
27.5°	1290.1	1222.5	1164.0	1101.5	1028.5	945.0	857.0	765.2	670.2	572.3	480.1
25°	1315.2	1242.8	1181.6	1120.8	1048.3	968.7	876.8	783.3	687.2	587.9	493.1
22.5°	1343.1	1261.6	1195.4	1139.1	1068.5	991.4	895.6	799.0	701.9	601.9	504.7
20°	1367.7	1277.9	1205.8	1153.6	1084.7	1008.4	913.4	813.1	714.6	614.3	514.8
17.5°	1389.4	1295.3	1219.4	1162.1	1097.3	1023.0	929.9	825.7	725.3	625.1	523.5
15°	1412.1	1313.6	1231.6	1169.0	1107.4	1035.1	944.9	836.5	734.0	634.2	531.1
12.5°	1432.2	1328.5	1241.3	1174.3	1115.2	1045.0	958.1	845.6	740.7	641.9	538.2
10°	1448.9	1340.0	1248.6	1178.0	1120.7	1052.6	969.4	854.2	747.9	647.9	544.2
7.5°	1462.0	1347.9	1253.4	1180.0	1124.4	1058.6	979.0	864.3	754.0	651.9	549.0
5°	1471.5	1354.3	1260.8	1186.8	1129.0	1063.4	985.8	872.4	758.5	654.1	552.5
2.5°	1478.7	1359.6	1268.7	1193.1	1131.7	1066.2	989.7	878.4	761.3	654.6	554.7
0°	1481.1	1361.3	1274.2	1197.9	1132.6	1067.2	991.0	882.1	762.3	653.4	555.4
-2.5°	1478.7	1359.6	1268.7	1193.1	1131.7	1066.2	989.7	878.4	761.3	654.6	554.7
-5°	1471.5	1354.3	1260.8	1186.8	1129.0	1063.4	985.8	872.4	758.5	654.1	552.5
-7.5°	1462.0	1347.9	1253.4	1180.0	1124.4	1058.6	979.0	864.3	754.0	651.9	549.0
-10°	1448.9	1340.0	1248.6	1178.0	1120.7	1052.6	969.4	854.2	747.9	647.9	544.2
-12.5°	1432.2	1328.5	1241.3	1174.3	1115.2	1045.0	958.1	845.6	740.7	641.9	538.2
-15°	1412.1	1313.6	1231.6	1169.0	1107.4	1035.1	944.9	836.5	734.0	634.2	531.1
-17.5°	1389.4	1295.3	1219.4	1162.1	1097.3	1023.0	929.9	825.7	725.3	625.1	523.5
-20°	1367.7	1277.9	1205.8	1153.6	1084.7	1008.4	913.4	813.1	714.6	614.3	514.8

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Cooper Lighting Solutions Photometric Lab  
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P628019 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-U-NR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1343.1	1261.6	1195.4	1139.1	1068.5	991.4	895.6	799.0	701.9	601.9	504.7
-25°	1315.2	1242.8	1181.6	1120.8	1048.3	968.7	876.8	783.3	687.2	587.9	493.1
-27.5°	1290.1	1222.5	1164.0	1101.5	1028.5	945.0	857.0	765.2	670.2	572.3	480.1
-30°	1264.9	1200.7	1141.9	1080.3	1007.5	921.5	835.8	744.8	650.8	555.8	465.6
-32.5°	1233.4	1174.3	1118.6	1055.7	981.1	895.5	811.7	722.1	629.8	537.9	450.3
-35°	1198.9	1146.0	1094.5	1030.2	950.1	865.6	783.0	697.1	607.1	518.4	434.1
-37.5°	1162.8	1115.5	1065.7	999.0	916.2	832.4	751.0	668.4	582.9	497.2	416.8
-40°	1127.2	1081.7	1032.6	959.1	877.2	795.9	717.2	638.5	557.3	474.4	398.5
-42.5°	1089.1	1046.2	989.2	916.2	833.9	757.2	682.1	607.7	529.8	451.5	379.2
-45°	1051.7	1005.7	942.5	867.0	787.6	716.8	647.2	576.0	501.3	428.3	358.9
-47.5°	1011.4	957.3	891.7	816.6	742.6	675.8	611.5	543.5	472.0	404.0	337.7
-50°	962.2	905.1	837.2	767.8	698.3	636.4	575.0	510.1	443.3	378.8	315.6
-52.5°	905.3	846.9	783.1	718.4	655.0	596.4	538.0	476.1	413.2	352.4	292.7
-55°	844.1	788.4	728.5	667.5	609.5	555.6	500.3	440.6	381.7	324.7	269.4
-57.5°	777.7	727.8	670.1	614.0	562.4	513.2	460.0	403.6	348.9	295.9	247.7
-60°	706.5	658.8	607.8	559.9	514.0	467.0	417.1	365.2	314.8	266.9	225.1
-62.5°	631.4	588.5	547.4	505.2	461.2	416.6	372.7	325.5	279.7	240.4	201.9
-65°	555.6	519.9	485.7	444.6	404.3	365.6	326.7	284.6	248.1	213.4	179.0
-67.5°	477.9	449.5	416.6	381.0	349.1	315.8	280.0	248.1	217.2	185.8	157.9
-70°	407.2	379.3	351.4	324.7	296.5	266.9	240.4	213.4	185.8	161.3	136.4
-72.5°	339.8	317.2	293.8	269.9	247.8	225.1	201.9	179.0	157.9	136.4	114.6
-75°	275.1	257.5	239.7	221.3	202.3	183.1	165.7	147.9	129.8	111.3	94.9
-77.5°	216.8	202.4	187.6	173.9	160.1	145.9	131.3	116.5	102.4	89.2	75.8
-80°	159.5	149.7	140.2	130.7	119.7	108.4	98.4	88.2	77.8	67.2	56.5
-82.5°	103.0	99.2	95.3	90.4	83.3	76.0	68.6	60.9	53.1	45.1	39.2
-85°	63.6	60.7	57.2	53.1	48.4	43.6	40.2	36.8	33.3	29.8	26.2
-87.5°	29.5	28.0	26.5	25.0	23.4	21.8	20.1	18.4	16.7	14.9	13.1
-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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REPORT NUMBER: P628019 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-750-U-NR-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°	11.3	9.4	7.6	5.7	3.8	1.7	0.0
85°	22.5	18.9	15.1	11.4	7.6	3.3	0.0
82.5°	33.8	28.2	22.7	17.0	11.3	5.0	0.0
80°	45.6	37.6	30.1	22.7	15.1	6.6	0.0
77.5°	62.1	48.2	37.6	28.2	18.7	8.2	0.0
75°	78.3	61.3	45.4	33.8	22.4	9.8	0.0
72.5°	94.3	74.1	55.3	39.2	25.9	11.4	0.0
70°	110.3	86.7	65.0	44.9	29.3	12.9	0.0
67.5°	128.6	99.0	74.5	51.8	32.7	14.4	0.0
65°	146.4	112.5	83.8	58.5	36.0	15.9	0.0
62.5°	163.9	127.1	92.8	65.1	39.1	17.3	0.0
60°	181.0	141.4	101.6	71.4	42.1	18.7	0.0
57.5°	199.8	155.2	112.5	77.6	46.0	20.0	0.0
55°	218.4	168.7	123.3	83.5	49.9	21.3	0.0
52.5°	236.4	182.1	133.8	89.2	53.6	22.5	0.0
50°	253.8	196.6	143.9	94.7	57.3	23.7	0.0
47.5°	270.9	210.5	153.6	100.4	60.8	24.8	0.0
45°	289.0	223.9	162.9	107.4	64.2	25.8	0.0
42.5°	306.4	236.7	171.8	114.0	67.5	26.8	0.0
40°	322.9	248.9	180.8	120.5	70.7	27.7	0.0
37.5°	338.5	260.4	190.0	126.8	73.7	28.6	0.0
35°	353.3	272.2	198.7	132.7	76.6	29.3	0.0
32.5°	367.1	283.7	206.8	138.2	79.3	30.0	0.0
30°	380.0	294.3	214.3	143.4	81.9	30.7	0.0
27.5°	391.9	304.2	221.7	148.2	84.4	31.2	0.0
25°	402.8	313.2	228.4	152.7	86.6	31.7	0.0
22.5°	412.6	321.4	234.6	156.7	88.7	32.1	0.0
20°	421.4	328.4	240.2	160.3	90.6	32.5	0.0
17.5°	428.7	334.4	245.1	163.6	92.2	32.7	0.0
15°	434.7	339.4	249.4	166.4	93.7	32.9	0.0
12.5°	439.5	343.3	253.1	168.8	95.0	33.1	0.0
10°	443.2	346.2	256.0	170.7	96.1	33.1	0.0
7.5°	445.7	348.2	258.4	172.2	96.9	33.1	0.0
5°	447.1	349.2	260.1	173.3	97.5	33.0	0.0
2.5°	447.4	349.3	261.1	174.0	97.9	32.9	0.0
0°	446.5	348.5	261.4	174.2	98.0	32.7	0.0
-2.5°	447.4	349.3	261.1	174.0	97.9	32.9	0.0
-5°	447.1	349.2	260.1	173.3	97.5	33.0	0.0
-7.5°	445.7	348.2	258.4	172.2	96.9	33.1	0.0
-10°	443.2	346.2	256.0	170.7	96.1	33.1	0.0
-12.5°	439.5	343.3	253.1	168.8	95.0	33.1	0.0
-15°	434.7	339.4	249.4	166.4	93.7	32.9	0.0
-17.5°	428.7	334.4	245.1	163.6	92.2	32.7	0.0
-20°	421.4	328.4	240.2	160.3	90.6	32.5	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	412.6	321.4	234.6	156.7	88.7	32.1	0.0
-25°	402.8	313.2	228.4	152.7	86.6	31.7	0.0
-27.5°	391.9	304.2	221.7	148.2	84.4	31.2	0.0
-30°	380.0	294.3	214.3	143.4	81.9	30.7	0.0
-32.5°	367.1	283.7	206.8	138.2	79.3	30.0	0.0
-35°	353.3	272.2	198.7	132.7	76.6	29.3	0.0
-37.5°	338.5	260.4	190.0	126.8	73.7	28.6	0.0
-40°	322.9	248.9	180.8	120.5	70.7	27.7	0.0
-42.5°	306.4	236.7	171.8	114.0	67.5	26.8	0.0
-45°	289.0	223.9	162.9	107.4	64.2	25.8	0.0
-47.5°	270.9	210.5	153.6	100.4	60.8	24.8	0.0
-50°	253.8	196.6	143.9	94.7	57.3	23.7	0.0
-52.5°	236.4	182.1	133.8	89.2	53.6	22.5	0.0
-55°	218.4	168.7	123.3	83.5	49.9	21.3	0.0
-57.5°	199.8	155.2	112.5	77.6	46.0	20.0	0.0
-60°	181.0	141.4	101.6	71.4	42.1	18.7	0.0
-62.5°	163.9	127.1	92.8	65.1	39.1	17.3	0.0
-65°	146.4	112.5	83.8	58.5	36.0	15.9	0.0
-67.5°	128.6	99.0	74.5	51.8	32.7	14.4	0.0
-70°	110.3	86.7	65.0	44.9	29.3	12.9	0.0
-72.5°	94.3	74.1	55.3	39.2	25.9	11.4	0.0
-75°	78.3	61.3	45.4	33.8	22.4	9.8	0.0
-77.5°	62.1	48.2	37.6	28.2	18.7	8.2	0.0
-80°	45.6	37.6	30.1	22.7	15.1	6.6	0.0
-82.5°	33.8	28.2	22.7	17.0	11.3	5.0	0.0
-85°	22.5	18.9	15.1	11.4	7.6	3.3	0.0
-87.5°	11.3	9.4	7.6	5.7	3.8	1.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)