

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: P627647 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5C-740-U-MWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627647 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 12/7/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GFLD-SA5C-740-U-MWR-XX  
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N124  
Light Source: (80) 4000K CCT, 70 CRI LEDS  
Ballast/Driver: -

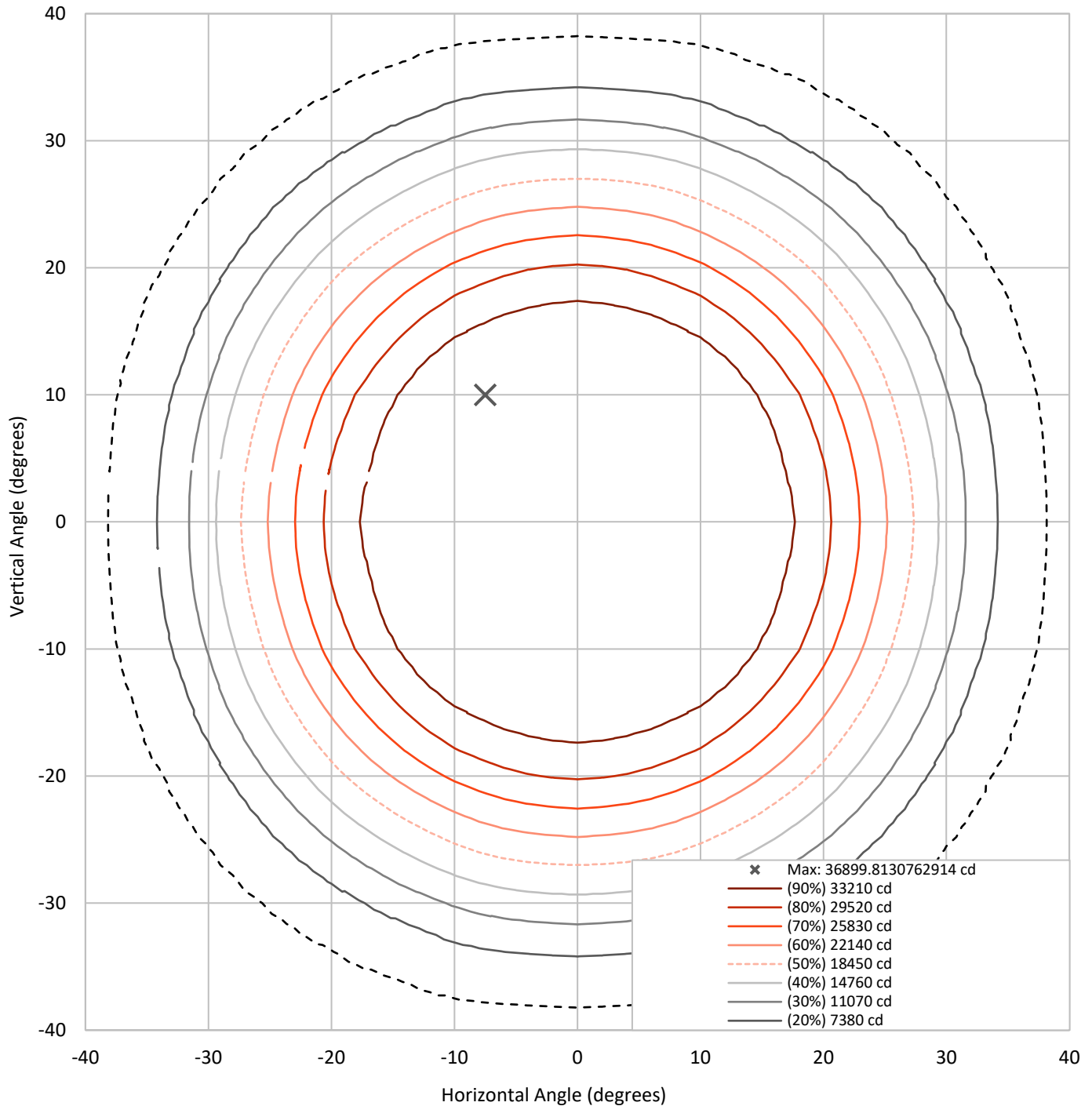
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	31405.2 lumens	Max Intensity:	36899.8 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	152.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	20844.9 lumens	Field Lumens:	27104.4 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	206.1		
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





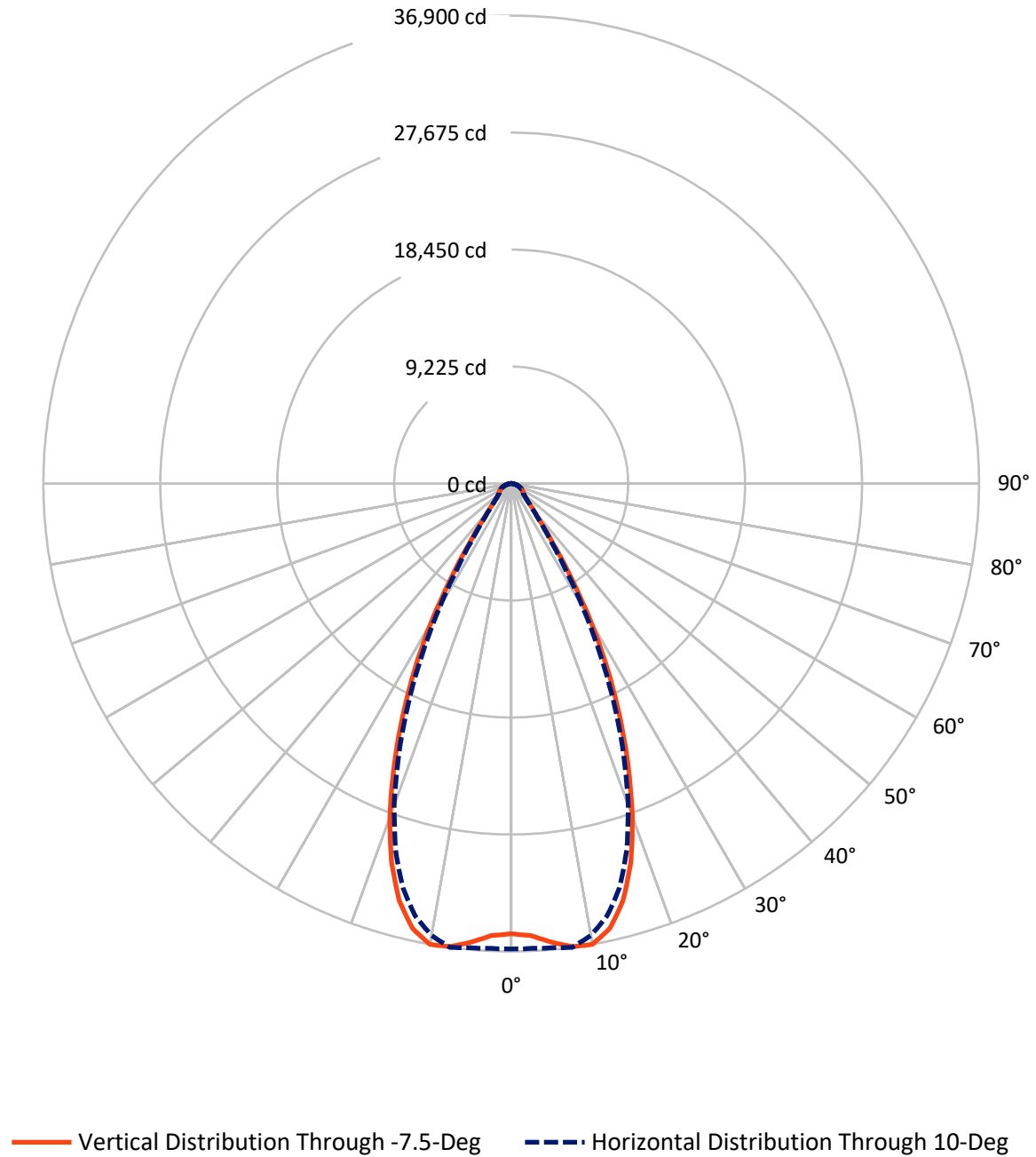
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### Lumen Table

90																			
80	0.8	7.4		19.7		31.2		34.8		31.2		19.7		7.4		0.8			
70																			
60	3.3	3.8	7.7	12.6	17.6	21.4	24.1	25.5	25.5	24.1	21.4	17.6	12.6	7.7	3.8	3.3			
50		5.7	11.3	18.1	24.2	29.3	32.8	34.2	34.2	32.8	29.3	24.2	18.1	11.3	5.7				
40	5.9	7.3	14.3	22.0	29.5	38.4	48.2	55.4	55.4	48.2	38.4	29.5	22.0	14.3	7.3	5.9			
30		8.7	16.7	25.3	39.1	71.4	136.6	202.5	202.5	136.6	71.4	39.1	25.3	16.7	8.7				
20	7.6	9.7	18.2	29.5	64.3	201.6	452.3	631.6	631.6	452.3	201.6	64.3	29.5	18.2	9.7	7.6			
10		10.3	19.1	35.0	116.3	429.8	820.8	1027.2	1027.2	820.8	429.8	116.3	35.0	19.1	10.3				
0	8.2	10.7	19.6	39.5	167.4	588.2	995.7	1083.4	1083.4	995.7	588.2	167.4	39.5	19.6	10.7	8.2			
-10		10.7	19.6	39.5	167.4	588.2	995.7	1083.4	1083.4	995.7	588.2	167.4	39.5	19.6	10.7				
-20	7.6	10.3	19.1	35.0	116.3	429.8	820.8	1027.2	1027.2	820.8	429.8	116.3	35.0	19.1	10.3	7.6			
-30		9.7	18.2	29.5	64.3	201.6	452.3	631.6	631.6	452.3	201.6	64.3	29.5	18.2	9.7				
-40	5.9	8.7	16.7	25.3	39.1	71.4	136.6	202.5	202.5	136.6	71.4	39.1	25.3	16.7	8.7	5.9			
-50		7.3	14.3	22.0	29.5	38.4	48.2	55.4	55.4	48.2	38.4	29.5	22.0	14.3	7.3				
-60	3.3	5.7	11.3	18.1	24.2	29.3	32.8	34.2	34.2	32.8	29.3	24.2	18.1	11.3	5.7	3.3			
-70		3.8	7.7	12.6	17.6	21.4	24.1	25.5	25.5	24.1	21.4	17.6	12.6	7.7	3.8				
-80	0.8	7.4		19.7		31.2		34.8		31.2		19.7		7.4		0.8			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

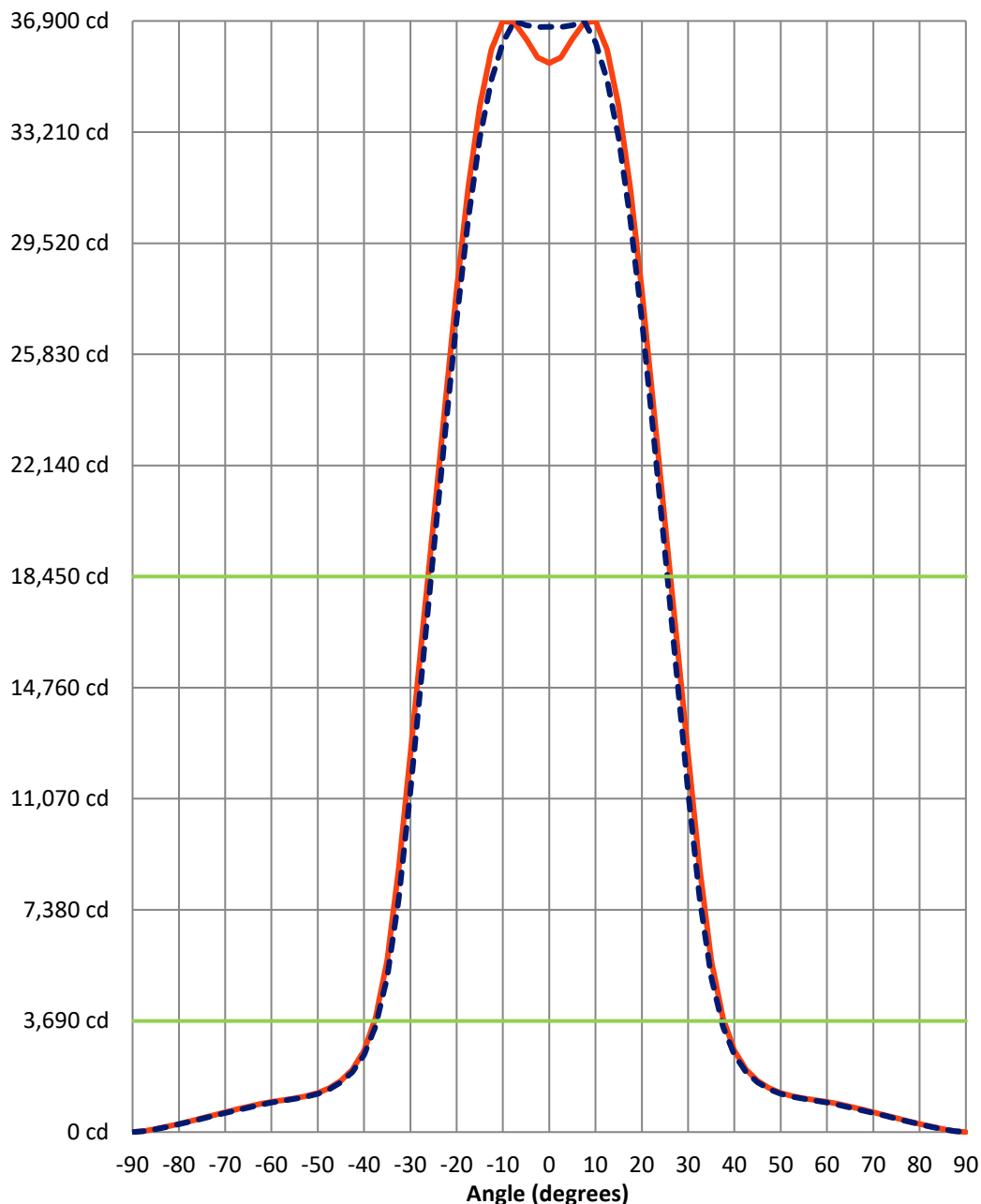
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 52.3°  
 Lumens: 20844.9  
 Efficiency: 66.4%

**Field:**  
 H Angle: 74.5°  
 V Angle: 75.5°  
 Lumens: 27104.4  
 Efficiency: 86.3%

**Spill:**  
 Lumens: 4300.9  
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg  
 - - Horizontal Distribution through 10-Deg



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.4	2.8	4.2	5.6	7.0	8.4	10.2	12.1	14.2	16.3
85°	0.0	2.8	5.6	8.4	11.2	14.0	16.7	20.3	24.2	28.3	32.6
82.5°	0.0	4.2	8.4	12.6	16.8	20.9	25.0	30.4	37.0	46.6	55.7
80°	0.0	5.6	11.2	16.8	22.3	27.8	34.5	47.5	59.9	71.7	82.8
77.5°	0.0	7.0	14.0	20.9	27.8	37.6	52.5	68.0	82.7	96.7	111.6
75°	0.0	8.4	16.7	25.0	34.5	52.5	70.4	88.3	105.9	126.3	146.3
72.5°	0.0	9.7	19.4	29.1	46.3	67.3	88.1	109.6	133.6	157.3	180.6
70°	0.0	11.0	22.1	34.0	58.0	81.9	105.9	133.6	161.0	188.0	216.3
67.5°	0.0	12.4	24.7	42.6	69.5	96.2	126.1	157.3	188.0	219.6	251.9
65°	0.0	13.6	27.3	51.1	80.8	111.4	145.8	180.6	215.2	250.6	288.1
62.5°	0.0	14.9	29.8	59.4	91.9	127.3	165.1	203.5	241.7	281.7	327.0
60°	0.0	16.1	32.3	67.6	102.8	142.7	183.9	225.9	267.6	315.5	364.9
57.5°	0.0	17.4	37.5	75.5	114.6	157.8	202.7	247.6	295.7	348.3	400.7
55°	0.0	18.5	42.5	83.2	126.1	172.3	221.1	268.9	323.7	379.9	435.0
52.5°	0.0	19.7	47.4	90.7	137.2	186.5	239.1	292.3	350.7	409.9	468.3
50°	0.0	20.8	52.1	98.0	148.0	201.2	256.6	315.2	376.6	438.9	500.5
47.5°	0.0	21.8	56.6	105.1	158.2	215.4	273.9	337.1	401.5	466.9	531.7
45°	0.0	22.8	60.9	112.5	168.1	229.2	291.7	358.0	425.5	493.8	561.6
42.5°	0.0	23.8	65.0	119.5	177.4	242.4	308.8	377.9	448.3	519.6	590.0
40°	0.0	24.7	68.8	126.0	186.9	255.1	324.9	396.7	470.0	544.2	617.2
37.5°	0.0	25.6	72.4	132.0	196.5	267.2	340.1	414.5	491.0	568.0	643.4
35°	0.0	26.5	75.8	137.7	205.7	279.0	354.4	431.1	511.1	590.2	667.9
32.5°	0.0	27.2	79.0	143.0	214.3	290.2	367.7	446.5	530.1	610.9	689.4
30°	0.0	28.0	81.9	147.9	222.4	300.5	380.0	461.0	548.0	630.0	709.4
27.5°	0.0	28.6	84.6	152.5	229.6	310.1	391.3	475.3	564.3	647.4	727.9
25°	0.0	29.3	87.0	156.6	236.1	318.8	401.5	488.5	578.5	662.8	744.9
22.5°	0.0	29.8	89.1	160.3	242.0	326.5	410.7	500.6	591.3	676.5	760.2
20°	0.0	30.4	91.0	163.6	247.2	333.1	418.8	511.5	602.5	688.7	773.9
17.5°	0.0	30.8	92.7	166.5	251.8	338.8	426.2	521.3	612.3	699.3	786.0
15°	0.0	31.2	94.0	168.9	255.7	343.8	432.8	530.0	620.6	708.5	796.2
12.5°	0.0	31.5	95.2	170.9	258.9	347.8	438.5	537.7	628.0	716.1	804.7
10°	0.0	31.8	96.0	172.5	261.5	351.0	443.3	544.1	634.4	723.2	811.9
7.5°	0.0	32.0	96.6	173.7	263.4	353.4	447.1	549.0	639.4	728.9	818.3
5°	0.0	32.2	97.0	174.4	264.5	354.9	449.8	552.6	642.9	732.9	822.9
2.5°	0.0	32.3	97.1	174.6	265.0	355.5	451.4	554.7	645.1	735.4	825.7
0°	0.0	32.3	96.9	174.4	264.8	355.2	452.0	555.4	645.8	736.2	826.6
-2.5°	0.0	32.3	97.1	174.6	265.0	355.5	451.4	554.7	645.1	735.4	825.7
-5°	0.0	32.2	97.0	174.4	264.5	354.9	449.8	552.6	642.9	732.9	822.9
-7.5°	0.0	32.0	96.6	173.7	263.4	353.4	447.1	549.0	639.4	728.9	818.3
-10°	0.0	31.8	96.0	172.5	261.5	351.0	443.3	544.1	634.4	723.2	811.9
-12.5°	0.0	31.5	95.2	170.9	258.9	347.8	438.5	537.7	628.0	716.1	804.7
-15°	0.0	31.2	94.0	168.9	255.7	343.8	432.8	530.0	620.6	708.5	796.2
-17.5°	0.0	30.8	92.7	166.5	251.8	338.8	426.2	521.3	612.3	699.3	786.0
-20°	0.0	30.4	91.0	163.6	247.2	333.1	418.8	511.5	602.5	688.7	773.9

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Scaled Data Report



REPORT NUMBER: P627647 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-740-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	29.8	89.1	160.3	242.0	326.5	410.7	500.6	591.3	676.5	760.2
-25°	0.0	29.3	87.0	156.6	236.1	318.8	401.5	488.5	578.5	662.8	744.9
-27.5°	0.0	28.6	84.6	152.5	229.6	310.1	391.3	475.3	564.3	647.4	727.9
-30°	0.0	28.0	81.9	147.9	222.4	300.5	380.0	461.0	548.0	630.0	709.4
-32.5°	0.0	27.2	79.0	143.0	214.3	290.2	367.7	446.5	530.1	610.9	689.4
-35°	0.0	26.5	75.8	137.7	205.7	279.0	354.4	431.1	511.1	590.2	667.9
-37.5°	0.0	25.6	72.4	132.0	196.5	267.2	340.1	414.5	491.0	568.0	643.4
-40°	0.0	24.7	68.8	126.0	186.9	255.1	324.9	396.7	470.0	544.2	617.2
-42.5°	0.0	23.8	65.0	119.5	177.4	242.4	308.8	377.9	448.3	519.6	590.0
-45°	0.0	22.8	60.9	112.5	168.1	229.2	291.7	358.0	425.5	493.8	561.6
-47.5°	0.0	21.8	56.6	105.1	158.2	215.4	273.9	337.1	401.5	466.9	531.7
-50°	0.0	20.8	52.1	98.0	148.0	201.2	256.6	315.2	376.6	438.9	500.5
-52.5°	0.0	19.7	47.4	90.7	137.2	186.5	239.1	292.3	350.7	409.9	468.3
-55°	0.0	18.5	42.5	83.2	126.1	172.3	221.1	268.9	323.7	379.9	435.0
-57.5°	0.0	17.4	37.5	75.5	114.6	157.8	202.7	247.6	295.7	348.3	400.7
-60°	0.0	16.1	32.3	67.6	102.8	142.7	183.9	225.9	267.6	315.5	364.9
-62.5°	0.0	14.9	29.8	59.4	91.9	127.3	165.1	203.5	241.7	281.7	327.0
-65°	0.0	13.6	27.3	51.1	80.8	111.4	145.8	180.6	215.2	250.6	288.1
-67.5°	0.0	12.4	24.7	42.6	69.5	96.2	126.1	157.3	188.0	219.6	251.9
-70°	0.0	11.0	22.1	34.0	58.0	81.9	105.9	133.6	161.0	188.0	216.3
-72.5°	0.0	9.7	19.4	29.1	46.3	67.3	88.1	109.6	133.6	157.3	180.6
-75°	0.0	8.4	16.7	25.0	34.5	52.5	70.4	88.3	105.9	126.3	146.3
-77.5°	0.0	7.0	14.0	20.9	27.8	37.6	52.5	68.0	82.7	96.7	111.6
-80°	0.0	5.6	11.2	16.8	22.3	27.8	34.5	47.5	59.9	71.7	82.8
-82.5°	0.0	4.2	8.4	12.6	16.8	20.9	25.0	30.4	37.0	46.6	55.7
-85°	0.0	2.8	5.6	8.4	11.2	14.0	16.7	20.3	24.2	28.3	32.6
-87.5°	0.0	1.4	2.8	4.2	5.6	7.0	8.4	10.2	12.1	14.2	16.3
-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°	17.9	19.3	20.8	22.2	23.6	24.9	26.1	27.4	28.5	29.6	30.7
85°	35.7	38.7	43.8	49.1	54.1	58.9	63.6	68.1	72.4	76.5	80.4
82.5°	64.0	72.3	80.9	89.6	97.2	104.5	111.6	119.0	126.3	133.6	140.8
80°	94.1	105.8	119.1	131.8	142.9	153.5	163.7	173.4	184.1	195.4	207.0
77.5°	128.9	145.5	161.2	175.8	189.9	205.3	220.1	234.4	249.3	264.0	278.0
75°	166.2	185.2	205.2	224.8	243.9	262.4	280.4	298.8	317.4	335.9	353.5
72.5°	204.7	228.8	252.3	275.2	298.9	322.0	344.4	365.8	388.0	410.7	432.3
70°	244.7	272.2	301.1	329.1	355.8	382.8	410.1	436.4	462.0	488.3	514.3
67.5°	285.0	319.5	352.1	383.2	414.7	446.5	477.2	508.6	539.0	569.6	598.7
65°	329.4	367.1	402.8	438.4	474.1	511.4	547.7	582.8	618.0	652.1	682.8
62.5°	372.9	413.0	452.5	493.0	535.6	577.4	617.1	657.3	698.3	734.0	765.0
60°	412.9	457.4	501.7	547.8	594.9	639.9	684.3	728.1	772.1	813.2	838.6
57.5°	451.6	500.8	549.8	599.5	649.0	699.3	746.0	794.1	835.0	869.7	899.1
55°	489.3	542.7	594.9	647.0	700.5	753.0	803.9	849.5	889.6	918.4	946.8
52.5°	525.9	582.2	636.1	692.5	749.4	805.1	858.2	900.6	933.4	962.9	989.4
50°	561.4	618.7	675.6	736.8	796.8	855.8	905.7	942.8	976.1	1004.9	1032.7
47.5°	594.7	654.4	715.3	779.5	842.8	899.7	945.6	984.4	1018.5	1049.6	1082.4
45°	626.8	690.1	754.4	820.8	885.3	940.4	984.6	1026.5	1058.4	1093.4	1131.0
42.5°	657.9	724.4	791.9	860.4	925.6	977.0	1021.2	1059.6	1097.0	1138.5	1184.0
40°	687.4	756.8	827.2	898.4	963.5	1009.1	1052.4	1093.0	1138.5	1187.8	1240.5
37.5°	715.2	787.2	860.2	934.3	991.3	1038.4	1082.7	1127.9	1180.9	1238.0	1309.6
35°	741.1	815.5	891.0	962.0	1016.4	1066.2	1112.0	1162.6	1224.4	1299.1	1390.7
32.5°	765.1	841.7	919.4	984.6	1039.4	1091.2	1138.2	1201.3	1275.6	1364.5	1494.2
30°	787.3	865.7	943.6	1006.7	1060.2	1112.1	1169.5	1240.5	1327.4	1457.1	1623.2
27.5°	807.9	887.4	962.7	1025.1	1078.7	1132.3	1199.4	1285.5	1399.9	1554.7	1761.1
25°	826.7	908.2	980.9	1040.5	1096.0	1155.3	1228.3	1325.0	1475.5	1675.4	1954.3
22.5°	843.8	927.0	998.4	1053.9	1112.1	1176.4	1261.5	1382.6	1556.0	1789.4	2149.1
20°	859.0	941.2	1011.4	1066.5	1127.0	1193.8	1291.1	1437.1	1646.2	1948.5	2407.7
17.5°	872.4	953.6	1021.2	1078.6	1141.5	1213.6	1320.0	1484.3	1726.4	2087.4	2669.2
15°	883.9	964.3	1029.5	1089.0	1154.1	1236.2	1360.1	1546.0	1819.6	2231.8	2897.0
12.5°	893.4	973.0	1036.3	1097.4	1164.5	1255.2	1394.4	1604.3	1916.3	2409.2	3232.7
10°	900.9	979.9	1041.4	1104.0	1172.7	1270.3	1422.3	1651.9	1996.4	2562.8	3519.1
7.5°	907.8	984.9	1045.0	1108.6	1178.5	1281.6	1443.5	1688.6	2057.9	2683.4	3745.7
5°	912.9	988.0	1047.0	1111.3	1183.4	1289.0	1457.9	1714.0	2100.3	2769.7	3905.2
2.5°	916.0	989.0	1047.4	1112.0	1186.9	1292.3	1465.4	1728.1	2133.6	2810.5	3990.9
0°	917.0	988.0	1046.2	1110.7	1188.2	1291.5	1465.9	1730.7	2150.4	2809.1	4003.8
-2.5°	916.0	989.0	1047.4	1112.0	1186.9	1292.3	1465.4	1728.1	2133.6	2810.5	3990.9
-5°	912.9	988.0	1047.0	1111.3	1183.4	1289.0	1457.9	1714.0	2100.3	2769.7	3905.2
-7.5°	907.8	984.9	1045.0	1108.6	1178.5	1281.6	1443.5	1688.6	2057.9	2683.4	3745.7
-10°	900.9	979.9	1041.4	1104.0	1172.7	1270.3	1422.3	1651.9	1996.4	2562.8	3519.1
-12.5°	893.4	973.0	1036.3	1097.4	1164.5	1255.2	1394.4	1604.3	1916.3	2409.2	3232.7
-15°	883.9	964.3	1029.5	1089.0	1154.1	1236.2	1360.1	1546.0	1819.6	2231.8	2897.0
-17.5°	872.4	953.6	1021.2	1078.6	1141.5	1213.6	1320.0	1484.3	1726.4	2087.4	2669.2
-20°	859.0	941.2	1011.4	1066.5	1127.0	1193.8	1291.1	1437.1	1646.2	1948.5	2407.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627647 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-740-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	843.8	927.0	998.4	1053.9	1112.1	1176.4	1261.5	1382.6	1556.0	1789.4	2149.1
-25°	826.7	908.2	980.9	1040.5	1096.0	1155.3	1228.3	1325.0	1475.5	1675.4	1954.3
-27.5°	807.9	887.4	962.7	1025.1	1078.7	1132.3	1199.4	1285.5	1399.9	1554.7	1761.1
-30°	787.3	865.7	943.6	1006.7	1060.2	1112.1	1169.5	1240.5	1327.4	1457.1	1623.2
-32.5°	765.1	841.7	919.4	984.6	1039.4	1091.2	1138.2	1201.3	1275.6	1364.5	1494.2
-35°	741.1	815.5	891.0	962.0	1016.4	1066.2	1112.0	1162.6	1224.4	1299.1	1390.7
-37.5°	715.2	787.2	860.2	934.3	991.3	1038.4	1082.7	1127.9	1180.9	1238.0	1309.6
-40°	687.4	756.8	827.2	898.4	963.5	1009.1	1052.4	1093.0	1138.5	1187.8	1240.5
-42.5°	657.9	724.4	791.9	860.4	925.6	977.0	1021.2	1059.6	1097.0	1138.5	1184.0
-45°	626.8	690.1	754.4	820.8	885.3	940.4	984.6	1026.5	1058.4	1093.4	1131.0
-47.5°	594.7	654.4	715.3	779.5	842.8	899.7	945.6	984.4	1018.5	1049.6	1082.4
-50°	561.4	618.7	675.6	736.8	796.8	855.8	905.7	942.8	976.1	1004.9	1032.7
-52.5°	525.9	582.2	636.1	692.5	749.4	805.1	858.2	900.6	933.4	962.9	989.4
-55°	489.3	542.7	594.9	647.0	700.5	753.0	803.9	849.5	889.6	918.4	946.8
-57.5°	451.6	500.8	549.8	599.5	649.0	699.3	746.0	794.1	835.0	869.7	899.1
-60°	412.9	457.4	501.7	547.8	594.9	639.9	684.3	728.1	772.1	813.2	838.6
-62.5°	372.9	413.0	452.5	493.0	535.6	577.4	617.1	657.3	698.3	734.0	765.0
-65°	329.4	367.1	402.8	438.4	474.1	511.4	547.7	582.8	618.0	652.1	682.8
-67.5°	285.0	319.5	352.1	383.2	414.7	446.5	477.2	508.6	539.0	569.6	598.7
-70°	244.7	272.2	301.1	329.1	355.8	382.8	410.1	436.4	462.0	488.3	514.3
-72.5°	204.7	228.8	252.3	275.2	298.9	322.0	344.4	365.8	388.0	410.7	432.3
-75°	166.2	185.2	205.2	224.8	243.9	262.4	280.4	298.8	317.4	335.9	353.5
-77.5°	128.9	145.5	161.2	175.8	189.9	205.3	220.1	234.4	249.3	264.0	278.0
-80°	94.1	105.8	119.1	131.8	142.9	153.5	163.7	173.4	184.1	195.4	207.0
-82.5°	64.0	72.3	80.9	89.6	97.2	104.5	111.6	119.0	126.3	133.6	140.8
-85°	35.7	38.7	43.8	49.1	54.1	58.9	63.6	68.1	72.4	76.5	80.4
-87.5°	17.9	19.3	20.8	22.2	23.6	24.9	26.1	27.4	28.5	29.6	30.7
-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: P627647 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-740-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	31.7	31.3	30.8	30.1	29.3	31.3	33.3	35.4	37.4	36.2	35.0
85°	84.0	85.9	87.5	88.9	90.0	94.0	97.9	101.5	104.9	104.8	104.4
82.5°	147.9	152.6	156.7	160.4	163.7	168.4	172.6	176.2	179.3	181.6	183.6
80°	217.9	225.7	232.3	238.3	243.7	249.9	255.7	260.8	265.3	267.7	269.2
77.5°	291.9	303.2	313.3	323.0	332.1	341.1	349.4	356.7	363.1	364.6	364.3
75°	370.3	385.5	399.7	412.9	425.1	435.5	444.4	451.8	457.9	460.9	462.6
72.5°	452.9	471.5	488.3	503.4	516.3	527.1	536.4	544.5	551.4	555.7	558.2
70°	539.0	561.1	578.3	592.5	603.6	614.3	626.3	637.8	648.5	654.6	656.9
67.5°	625.3	648.2	664.0	676.9	687.1	697.6	712.8	726.4	738.6	746.8	752.0
65°	709.8	733.9	749.8	762.2	771.5	782.1	799.0	812.5	822.8	831.0	838.4
62.5°	793.4	817.7	835.3	850.0	863.5	875.2	889.1	900.4	909.2	917.3	926.4
60°	865.8	894.5	913.0	927.9	944.8	962.9	973.1	981.6	989.0	995.5	1001.2
57.5°	924.8	950.6	974.3	992.2	1009.7	1026.5	1038.6	1046.6	1053.1	1057.9	1059.8
55°	974.3	1000.8	1027.3	1046.7	1064.0	1079.8	1093.0	1103.4	1112.0	1118.8	1120.4
52.5°	1018.7	1048.4	1074.4	1096.9	1119.6	1138.2	1152.7	1166.9	1179.2	1189.2	1193.5
50°	1066.9	1098.1	1130.5	1160.6	1184.7	1205.9	1223.6	1243.6	1264.7	1282.1	1293.1
47.5°	1117.6	1153.5	1192.7	1229.7	1258.3	1289.8	1319.1	1348.8	1388.0	1421.0	1445.4
45°	1170.6	1216.8	1261.4	1308.4	1348.0	1407.4	1462.5	1509.8	1572.6	1629.6	1674.9
42.5°	1233.2	1290.7	1345.6	1420.9	1499.7	1580.7	1668.3	1743.0	1841.2	1941.3	2022.0
40°	1307.4	1380.9	1477.5	1578.6	1703.0	1814.5	1965.6	2100.3	2251.1	2441.7	2599.2
37.5°	1396.8	1510.0	1644.4	1785.2	1979.3	2164.6	2414.5	2677.8	2916.7	3283.4	3591.9
35°	1512.8	1671.0	1848.0	2097.4	2372.0	2719.4	3109.2	3617.7	4053.7	4672.3	5263.5
32.5°	1662.3	1865.7	2154.7	2539.7	2945.7	3576.4	4194.8	5077.8	5895.4	6875.8	7933.9
30°	1828.7	2138.2	2579.8	3107.9	3865.1	4793.0	5883.2	7239.3	8723.4	10101.4	11459.3
27.5°	2069.8	2513.3	3093.4	3945.6	5125.7	6423.9	8333.9	10174.8	12095.4	13802.6	15226.5
25°	2351.2	2937.4	3834.5	5089.2	6685.3	8908.2	11194.6	13466.6	15532.1	17319.4	18892.7
22.5°	2714.7	3557.8	4753.7	6378.9	8864.3	11528.6	14209.8	16715.7	18919.0	20909.3	22612.3
20°	3110.2	4165.0	5872.9	8296.4	11138.6	14174.0	17201.3	19870.8	22296.8	24553.4	26472.9
17.5°	3611.3	5088.6	7251.3	10158.6	13444.6	16770.4	19950.8	22847.6	25599.9	27987.9	29993.4
15°	4038.4	5902.0	8724.6	12134.2	15688.5	19196.8	22554.4	25701.0	28562.5	31012.7	32898.0
12.5°	4608.0	6813.6	10032.7	13832.6	17684.3	21375.8	24912.4	28164.6	31076.7	33499.9	34967.5
10°	5146.5	7757.3	11296.9	15259.8	19261.4	23194.5	26970.7	30306.1	33009.8	34937.4	36188.1
7.5°	5604.4	8568.4	12325.3	16413.3	20514.4	24626.5	28448.9	31694.2	34187.2	35796.9	36667.6
5°	5946.2	9174.7	13088.7	17350.7	21558.9	25743.2	29535.8	32582.3	34737.0	35932.9	36370.1
2.5°	6164.1	9530.8	13531.7	17965.6	22258.0	26449.8	30281.4	33280.2	35108.3	35900.9	35976.2
0°	6251.1	9576.8	13600.0	18288.3	22434.2	26651.1	30493.4	33567.3	35246.3	35898.6	35885.6
-2.5°	6164.1	9530.8	13531.7	17965.6	22258.0	26449.8	30281.4	33280.2	35108.3	35900.9	35976.2
-5°	5946.2	9174.7	13088.7	17350.7	21558.9	25743.2	29535.8	32582.3	34737.0	35932.9	36370.1
-7.5°	5604.4	8568.4	12325.3	16413.3	20514.4	24626.5	28448.9	31694.2	34187.2	35796.9	36667.6
-10°	5146.5	7757.3	11296.9	15259.8	19261.4	23194.5	26970.7	30306.1	33009.8	34937.4	36188.1
-12.5°	4608.0	6813.6	10032.7	13832.6	17684.3	21375.8	24912.4	28164.6	31076.7	33499.9	34967.5
-15°	4038.4	5902.0	8724.6	12134.2	15688.5	19196.8	22554.4	25701.0	28562.5	31012.7	32898.0
-17.5°	3611.3	5088.6	7251.3	10158.6	13444.6	16770.4	19950.8	22847.6	25599.9	27987.9	29993.4
-20°	3110.2	4165.0	5872.9	8296.4	11138.6	14174.0	17201.3	19870.8	22296.8	24553.4	26472.9



REPORT NUMBER: P627647 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-740-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2714.7	3557.8	4753.7	6378.9	8864.3	11528.6	14209.8	16715.7	18919.0	20909.3	22612.3
-25°	2351.2	2937.4	3834.5	5089.2	6685.3	8908.2	11194.6	13466.6	15532.1	17319.4	18892.7
-27.5°	2069.8	2513.3	3093.4	3945.6	5125.7	6423.9	8333.9	10174.8	12095.4	13802.6	15226.5
-30°	1828.7	2138.2	2579.8	3107.9	3865.1	4793.0	5883.2	7239.3	8723.4	10101.4	11459.3
-32.5°	1662.3	1865.7	2154.7	2539.7	2945.7	3576.4	4194.8	5077.8	5895.4	6875.8	7933.9
-35°	1512.8	1671.0	1848.0	2097.4	2372.0	2719.4	3109.2	3617.7	4053.7	4672.3	5263.5
-37.5°	1396.8	1510.0	1644.4	1785.2	1979.3	2164.6	2414.5	2677.8	2916.7	3283.4	3591.9
-40°	1307.4	1380.9	1477.5	1578.6	1703.0	1814.5	1965.6	2100.3	2251.1	2441.7	2599.2
-42.5°	1233.2	1290.7	1345.6	1420.9	1499.7	1580.7	1668.3	1743.0	1841.2	1941.3	2022.0
-45°	1170.6	1216.8	1261.4	1308.4	1348.0	1407.4	1462.5	1509.8	1572.6	1629.6	1674.9
-47.5°	1117.6	1153.5	1192.7	1229.7	1258.3	1289.8	1319.1	1348.8	1388.0	1421.0	1445.4
-50°	1066.9	1098.1	1130.5	1160.6	1184.7	1205.9	1223.6	1243.6	1264.7	1282.1	1293.1
-52.5°	1018.7	1048.4	1074.4	1096.9	1119.6	1138.2	1152.7	1166.9	1179.2	1189.2	1193.5
-55°	974.3	1000.8	1027.3	1046.7	1064.0	1079.8	1093.0	1103.4	1112.0	1118.8	1120.4
-57.5°	924.8	950.6	974.3	992.2	1009.7	1026.5	1038.6	1046.6	1053.1	1057.9	1059.8
-60°	865.8	894.5	913.0	927.9	944.8	962.9	973.1	981.6	989.0	995.5	1001.2
-62.5°	793.4	817.7	835.3	850.0	863.5	875.2	889.1	900.4	909.2	917.3	926.4
-65°	709.8	733.9	749.8	762.2	771.5	782.1	799.0	812.5	822.8	831.0	838.4
-67.5°	625.3	648.2	664.0	676.9	687.1	697.6	712.8	726.4	738.6	746.8	752.0
-70°	539.0	561.1	578.3	592.5	603.6	614.3	626.3	637.8	648.5	654.6	656.9
-72.5°	452.9	471.5	488.3	503.4	516.3	527.1	536.4	544.5	551.4	555.7	558.2
-75°	370.3	385.5	399.7	412.9	425.1	435.5	444.4	451.8	457.9	460.9	462.6
-77.5°	291.9	303.2	313.3	323.0	332.1	341.1	349.4	356.7	363.1	364.6	364.3
-80°	217.9	225.7	232.3	238.3	243.7	249.9	255.7	260.8	265.3	267.7	269.2
-82.5°	147.9	152.6	156.7	160.4	163.7	168.4	172.6	176.2	179.3	181.6	183.6
-85°	84.0	85.9	87.5	88.9	90.0	94.0	97.9	101.5	104.9	104.8	104.4
-87.5°	31.7	31.3	30.8	30.1	29.3	31.3	33.3	35.4	37.4	36.2	35.0
-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: P627647 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5C-740-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	33.6	32.2	32.3	32.3	32.3	32.2	33.6	35.0	36.2	37.4	35.4
85°	103.7	102.8	100.0	96.9	100.0	102.8	103.7	104.4	104.8	104.9	101.5
82.5°	185.2	186.3	183.8	180.8	183.8	186.3	185.2	183.6	181.6	179.3	176.2
80°	269.9	270.0	267.7	264.8	267.7	270.0	269.9	269.2	267.7	265.3	260.8
77.5°	362.7	360.1	361.1	361.6	361.1	360.1	362.7	364.3	364.6	363.1	356.7
75°	463.2	462.8	461.3	458.5	461.3	462.8	463.2	462.6	460.9	457.9	451.8
72.5°	559.5	559.5	558.1	555.4	558.1	559.5	559.5	558.2	555.7	551.4	544.5
70°	657.4	656.2	657.9	658.7	657.9	656.2	657.4	656.9	654.6	648.5	637.8
67.5°	756.0	758.6	758.2	755.6	758.2	758.6	756.0	752.0	746.8	738.6	726.4
65°	844.3	848.7	851.5	852.4	851.5	848.7	844.3	838.4	831.0	822.8	812.5
62.5°	933.6	938.7	939.0	936.4	939.0	938.7	933.6	926.4	917.3	909.2	900.4
60°	1004.3	1005.1	1003.8	1000.9	1003.8	1005.1	1004.3	1001.2	995.5	989.0	981.6
57.5°	1059.8	1058.0	1055.7	1052.6	1055.7	1058.0	1059.8	1059.8	1057.9	1053.1	1046.6
55°	1119.5	1116.4	1113.8	1110.7	1113.8	1116.4	1119.5	1120.4	1118.8	1112.0	1103.4
52.5°	1194.5	1192.9	1191.0	1188.2	1191.0	1192.9	1194.5	1193.5	1189.2	1179.2	1166.9
50°	1298.7	1300.4	1300.2	1298.0	1300.2	1300.4	1298.7	1293.1	1282.1	1264.7	1243.6
47.5°	1460.9	1469.5	1475.3	1478.8	1475.3	1469.5	1460.9	1445.4	1421.0	1388.0	1348.8
45°	1703.9	1721.1	1733.3	1743.6	1733.3	1721.1	1703.9	1674.9	1629.6	1572.6	1509.8
42.5°	2078.8	2117.5	2135.7	2131.1	2135.7	2117.5	2078.8	2022.0	1941.3	1841.2	1743.0
40°	2704.2	2766.5	2801.0	2828.5	2801.0	2766.5	2704.2	2599.2	2441.7	2251.1	2100.3
37.5°	3802.5	3923.5	3987.1	4042.5	3987.1	3923.5	3802.5	3591.9	3283.4	2916.7	2677.8
35°	5705.1	5977.2	6122.9	6173.6	6122.9	5977.2	5705.1	5263.5	4672.3	4053.7	3617.7
32.5°	8757.3	9259.2	9536.8	9751.2	9536.8	9259.2	8757.3	7933.9	6875.8	5895.4	5077.8
30°	12534.6	13195.7	13562.8	13742.1	13562.8	13195.7	12534.6	11459.3	10101.4	8723.4	7239.3
27.5°	16406.7	17158.3	17554.1	17532.8	17554.1	17158.3	16406.7	15226.5	13802.6	12095.4	10174.8
25°	20241.4	21112.0	21506.4	21859.4	21506.4	21112.0	20241.4	18892.7	17319.4	15532.1	13466.6
22.5°	24119.8	25137.7	25693.2	25953.6	25693.2	25137.7	24119.8	22612.3	20909.3	18919.0	16715.7
20°	27952.1	29085.2	29674.9	29931.6	29674.9	29085.2	27952.1	26472.9	24553.4	22296.8	19870.8
17.5°	31350.9	32457.1	33019.2	33257.3	33019.2	32457.1	31350.9	29993.4	27987.9	25599.9	22847.6
15°	34064.8	34880.7	35358.7	35485.3	35358.7	34880.7	34064.8	32898.0	31012.7	28562.5	25701.0
12.5°	35940.8	36256.8	36486.7	36557.3	36486.7	36256.8	35940.8	34967.5	33499.9	31076.7	28164.6
10°	36899.8	36757.3	36698.3	36705.8	36698.3	36757.3	36899.8	36188.1	34937.4	33009.8	30306.1
7.5°	36833.8	36622.7	36198.5	36131.0	36198.5	36622.7	36833.8	36667.6	35796.9	34187.2	31694.2
5°	36304.7	35920.2	35216.2	35013.9	35216.2	35920.2	36304.7	36370.1	35932.9	34737.0	32582.3
2.5°	35687.9	34994.8	34346.2	33929.0	34346.2	34994.8	35687.9	35976.2	35900.9	35108.3	33280.2
0°	35504.6	34703.9	33864.4	33593.2	33864.4	34703.9	35504.6	35885.6	35898.6	35246.3	33567.3
-2.5°	35687.9	34994.8	34346.2	33929.0	34346.2	34994.8	35687.9	35976.2	35900.9	35108.3	33280.2
-5°	36304.7	35920.2	35216.2	35013.9	35216.2	35920.2	36304.7	36370.1	35932.9	34737.0	32582.3
-7.5°	36833.8	36622.7	36198.5	36131.0	36198.5	36622.7	36833.8	36667.6	35796.9	34187.2	31694.2
-10°	36899.8	36757.3	36698.3	36705.8	36698.3	36757.3	36899.8	36188.1	34937.4	33009.8	30306.1
-12.5°	35940.8	36256.8	36486.7	36557.3	36486.7	36256.8	35940.8	34967.5	33499.9	31076.7	28164.6
-15°	34064.8	34880.7	35358.7	35485.3	35358.7	34880.7	34064.8	32898.0	31012.7	28562.5	25701.0
-17.5°	31350.9	32457.1	33019.2	33257.3	33019.2	32457.1	31350.9	29993.4	27987.9	25599.9	22847.6
-20°	27952.1	29085.2	29674.9	29931.6	29674.9	29085.2	27952.1	26472.9	24553.4	22296.8	19870.8



REPORT NUMBER: P627647 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-740-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	24119.8	25137.7	25693.2	25953.6	25693.2	25137.7	24119.8	22612.3	20909.3	18919.0	16715.7
-25°	20241.4	21112.0	21506.4	21859.4	21506.4	21112.0	20241.4	18892.7	17319.4	15532.1	13466.6
-27.5°	16406.7	17158.3	17554.1	17532.8	17554.1	17158.3	16406.7	15226.5	13802.6	12095.4	10174.8
-30°	12534.6	13195.7	13562.8	13742.1	13562.8	13195.7	12534.6	11459.3	10101.4	8723.4	7239.3
-32.5°	8757.3	9259.2	9536.8	9751.2	9536.8	9259.2	8757.3	7933.9	6875.8	5895.4	5077.8
-35°	5705.1	5977.2	6122.9	6173.6	6122.9	5977.2	5705.1	5263.5	4672.3	4053.7	3617.7
-37.5°	3802.5	3923.5	3987.1	4042.5	3987.1	3923.5	3802.5	3591.9	3283.4	2916.7	2677.8
-40°	2704.2	2766.5	2801.0	2828.5	2801.0	2766.5	2704.2	2599.2	2441.7	2251.1	2100.3
-42.5°	2078.8	2117.5	2135.7	2131.1	2135.7	2117.5	2078.8	2022.0	1941.3	1841.2	1743.0
-45°	1703.9	1721.1	1733.3	1743.6	1733.3	1721.1	1703.9	1674.9	1629.6	1572.6	1509.8
-47.5°	1460.9	1469.5	1475.3	1478.8	1475.3	1469.5	1460.9	1445.4	1421.0	1388.0	1348.8
-50°	1298.7	1300.4	1300.2	1298.0	1300.2	1300.4	1298.7	1293.1	1282.1	1264.7	1243.6
-52.5°	1194.5	1192.9	1191.0	1188.2	1191.0	1192.9	1194.5	1193.5	1189.2	1179.2	1166.9
-55°	1119.5	1116.4	1113.8	1110.7	1113.8	1116.4	1119.5	1120.4	1118.8	1112.0	1103.4
-57.5°	1059.8	1058.0	1055.7	1052.6	1055.7	1058.0	1059.8	1059.8	1057.9	1053.1	1046.6
-60°	1004.3	1005.1	1003.8	1000.9	1003.8	1005.1	1004.3	1001.2	995.5	989.0	981.6
-62.5°	933.6	938.7	939.0	936.4	939.0	938.7	933.6	926.4	917.3	909.2	900.4
-65°	844.3	848.7	851.5	852.4	851.5	848.7	844.3	838.4	831.0	822.8	812.5
-67.5°	756.0	758.6	758.2	755.6	758.2	758.6	756.0	752.0	746.8	738.6	726.4
-70°	657.4	656.2	657.9	658.7	657.9	656.2	657.4	656.9	654.6	648.5	637.8
-72.5°	559.5	559.5	558.1	555.4	558.1	559.5	559.5	558.2	555.7	551.4	544.5
-75°	463.2	462.8	461.3	458.5	461.3	462.8	463.2	462.6	460.9	457.9	451.8
-77.5°	362.7	360.1	361.1	361.6	361.1	360.1	362.7	364.3	364.6	363.1	356.7
-80°	269.9	270.0	267.7	264.8	267.7	270.0	269.9	269.2	267.7	265.3	260.8
-82.5°	185.2	186.3	183.8	180.8	183.8	186.3	185.2	183.6	181.6	179.3	176.2
-85°	103.7	102.8	100.0	96.9	100.0	102.8	103.7	104.4	104.8	104.9	101.5
-87.5°	33.6	32.2	32.3	32.3	32.3	32.2	33.6	35.0	36.2	37.4	35.4
-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: P627647 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-740-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	33.3	31.3	29.3	30.1	30.8	31.3	31.7	30.7	29.6	28.5	27.4
85°	97.9	94.0	90.0	88.9	87.5	85.9	84.0	80.4	76.5	72.4	68.1
82.5°	172.6	168.4	163.7	160.4	156.7	152.6	147.9	140.8	133.6	126.3	119.0
80°	255.7	249.9	243.7	238.3	232.3	225.7	217.9	207.0	195.4	184.1	173.4
77.5°	349.4	341.1	332.1	323.0	313.3	303.2	291.9	278.0	264.0	249.3	234.4
75°	444.4	435.5	425.1	412.9	399.7	385.5	370.3	353.5	335.9	317.4	298.8
72.5°	536.4	527.1	516.3	503.4	488.3	471.5	452.9	432.3	410.7	388.0	365.8
70°	626.3	614.3	603.6	592.5	578.3	561.1	539.0	514.3	488.3	462.0	436.4
67.5°	712.8	697.6	687.1	676.9	664.0	648.2	625.3	598.7	569.6	539.0	508.6
65°	799.0	782.1	771.5	762.2	749.8	733.9	709.8	682.8	652.1	618.0	582.8
62.5°	889.1	875.2	863.5	850.0	835.3	817.7	793.4	765.0	734.0	698.3	657.3
60°	973.1	962.9	944.8	927.9	913.0	894.5	865.8	838.6	813.2	772.1	728.1
57.5°	1038.6	1026.5	1009.7	992.2	974.3	950.6	924.8	899.1	869.7	835.0	794.1
55°	1093.0	1079.8	1064.0	1046.7	1027.3	1000.8	974.3	946.8	918.4	889.6	849.5
52.5°	1152.7	1138.2	1119.6	1096.9	1074.4	1048.4	1018.7	989.4	962.9	933.4	900.6
50°	1223.6	1205.9	1184.7	1160.6	1130.5	1098.1	1066.9	1032.7	1004.9	976.1	942.8
47.5°	1319.1	1289.8	1258.3	1229.7	1192.7	1153.5	1117.6	1082.4	1049.6	1018.5	984.4
45°	1462.5	1407.4	1348.0	1308.4	1261.4	1216.8	1170.6	1131.0	1093.4	1058.4	1026.5
42.5°	1668.3	1580.7	1499.7	1420.9	1345.6	1290.7	1233.2	1184.0	1138.5	1097.0	1059.6
40°	1965.6	1814.5	1703.0	1578.6	1477.5	1380.9	1307.4	1240.5	1187.8	1138.5	1093.0
37.5°	2414.5	2164.6	1979.3	1785.2	1644.4	1510.0	1396.8	1309.6	1238.0	1180.9	1127.9
35°	3109.2	2719.4	2372.0	2097.4	1848.0	1671.0	1512.8	1390.7	1299.1	1224.4	1162.6
32.5°	4194.8	3576.4	2945.7	2539.7	2154.7	1865.7	1662.3	1494.2	1364.5	1275.6	1201.3
30°	5883.2	4793.0	3865.1	3107.9	2579.8	2138.2	1828.7	1623.2	1457.1	1327.4	1240.5
27.5°	8333.9	6423.9	5125.7	3945.6	3093.4	2513.3	2069.8	1761.1	1554.7	1399.9	1285.5
25°	11194.6	8908.2	6685.3	5089.2	3834.5	2937.4	2351.2	1954.3	1675.4	1475.5	1325.0
22.5°	14209.8	11528.6	8864.3	6378.9	4753.7	3557.8	2714.7	2149.1	1789.4	1556.0	1382.6
20°	17201.3	14174.0	11138.6	8296.4	5872.9	4165.0	3110.2	2407.7	1948.5	1646.2	1437.1
17.5°	19950.8	16770.4	13444.6	10158.6	7251.3	5088.6	3611.3	2669.2	2087.4	1726.4	1484.3
15°	22554.4	19196.8	15688.5	12134.2	8724.6	5902.0	4038.4	2897.0	2231.8	1819.6	1546.0
12.5°	24912.4	21375.8	17684.3	13832.6	10032.7	6813.6	4608.0	3232.7	2409.2	1916.3	1604.3
10°	26970.7	23194.5	19261.4	15259.8	11296.9	7757.3	5146.5	3519.1	2562.8	1996.4	1651.9
7.5°	28448.9	24626.5	20514.4	16413.3	12325.3	8568.4	5604.4	3745.7	2683.4	2057.9	1688.6
5°	29535.8	25743.2	21558.9	17350.7	13088.7	9174.7	5946.2	3905.2	2769.7	2100.3	1714.0
2.5°	30281.4	26449.8	22258.0	17965.6	13531.7	9530.8	6164.1	3990.9	2810.5	2133.6	1728.1
0°	30493.4	26651.1	22434.2	18288.3	13600.0	9576.8	6251.1	4003.8	2809.1	2150.4	1730.7
-2.5°	30281.4	26449.8	22258.0	17965.6	13531.7	9530.8	6164.1	3990.9	2810.5	2133.6	1728.1
-5°	29535.8	25743.2	21558.9	17350.7	13088.7	9174.7	5946.2	3905.2	2769.7	2100.3	1714.0
-7.5°	28448.9	24626.5	20514.4	16413.3	12325.3	8568.4	5604.4	3745.7	2683.4	2057.9	1688.6
-10°	26970.7	23194.5	19261.4	15259.8	11296.9	7757.3	5146.5	3519.1	2562.8	1996.4	1651.9
-12.5°	24912.4	21375.8	17684.3	13832.6	10032.7	6813.6	4608.0	3232.7	2409.2	1916.3	1604.3
-15°	22554.4	19196.8	15688.5	12134.2	8724.6	5902.0	4038.4	2897.0	2231.8	1819.6	1546.0
-17.5°	19950.8	16770.4	13444.6	10158.6	7251.3	5088.6	3611.3	2669.2	2087.4	1726.4	1484.3
-20°	17201.3	14174.0	11138.6	8296.4	5872.9	4165.0	3110.2	2407.7	1948.5	1646.2	1437.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627647 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-740-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	14209.8	11528.6	8864.3	6378.9	4753.7	3557.8	2714.7	2149.1	1789.4	1556.0	1382.6
-25°	11194.6	8908.2	6685.3	5089.2	3834.5	2937.4	2351.2	1954.3	1675.4	1475.5	1325.0
-27.5°	8333.9	6423.9	5125.7	3945.6	3093.4	2513.3	2069.8	1761.1	1554.7	1399.9	1285.5
-30°	5883.2	4793.0	3865.1	3107.9	2579.8	2138.2	1828.7	1623.2	1457.1	1327.4	1240.5
-32.5°	4194.8	3576.4	2945.7	2539.7	2154.7	1865.7	1662.3	1494.2	1364.5	1275.6	1201.3
-35°	3109.2	2719.4	2372.0	2097.4	1848.0	1671.0	1512.8	1390.7	1299.1	1224.4	1162.6
-37.5°	2414.5	2164.6	1979.3	1785.2	1644.4	1510.0	1396.8	1309.6	1238.0	1180.9	1127.9
-40°	1965.6	1814.5	1703.0	1578.6	1477.5	1380.9	1307.4	1240.5	1187.8	1138.5	1093.0
-42.5°	1668.3	1580.7	1499.7	1420.9	1345.6	1290.7	1233.2	1184.0	1138.5	1097.0	1059.6
-45°	1462.5	1407.4	1348.0	1308.4	1261.4	1216.8	1170.6	1131.0	1093.4	1058.4	1026.5
-47.5°	1319.1	1289.8	1258.3	1229.7	1192.7	1153.5	1117.6	1082.4	1049.6	1018.5	984.4
-50°	1223.6	1205.9	1184.7	1160.6	1130.5	1098.1	1066.9	1032.7	1004.9	976.1	942.8
-52.5°	1152.7	1138.2	1119.6	1096.9	1074.4	1048.4	1018.7	989.4	962.9	933.4	900.6
-55°	1093.0	1079.8	1064.0	1046.7	1027.3	1000.8	974.3	946.8	918.4	889.6	849.5
-57.5°	1038.6	1026.5	1009.7	992.2	974.3	950.6	924.8	899.1	869.7	835.0	794.1
-60°	973.1	962.9	944.8	927.9	913.0	894.5	865.8	838.6	813.2	772.1	728.1
-62.5°	889.1	875.2	863.5	850.0	835.3	817.7	793.4	765.0	734.0	698.3	657.3
-65°	799.0	782.1	771.5	762.2	749.8	733.9	709.8	682.8	652.1	618.0	582.8
-67.5°	712.8	697.6	687.1	676.9	664.0	648.2	625.3	598.7	569.6	539.0	508.6
-70°	626.3	614.3	603.6	592.5	578.3	561.1	539.0	514.3	488.3	462.0	436.4
-72.5°	536.4	527.1	516.3	503.4	488.3	471.5	452.9	432.3	410.7	388.0	365.8
-75°	444.4	435.5	425.1	412.9	399.7	385.5	370.3	353.5	335.9	317.4	298.8
-77.5°	349.4	341.1	332.1	323.0	313.3	303.2	291.9	278.0	264.0	249.3	234.4
-80°	255.7	249.9	243.7	238.3	232.3	225.7	217.9	207.0	195.4	184.1	173.4
-82.5°	172.6	168.4	163.7	160.4	156.7	152.6	147.9	140.8	133.6	126.3	119.0
-85°	97.9	94.0	90.0	88.9	87.5	85.9	84.0	80.4	76.5	72.4	68.1
-87.5°	33.3	31.3	29.3	30.1	30.8	31.3	31.7	30.7	29.6	28.5	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: P627647 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-740-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	26.1	24.9	23.6	22.2	20.8	19.3	17.9	16.3	14.2	12.1	10.2
85°	63.6	58.9	54.1	49.1	43.8	38.7	35.7	32.6	28.3	24.2	20.3
82.5°	111.6	104.5	97.2	89.6	80.9	72.3	64.0	55.7	46.6	37.0	30.4
80°	163.7	153.5	142.9	131.8	119.1	105.8	94.1	82.8	71.7	59.9	47.5
77.5°	220.1	205.3	189.9	175.8	161.2	145.5	128.9	111.6	96.7	82.7	68.0
75°	280.4	262.4	243.9	224.8	205.2	185.2	166.2	146.3	126.3	105.9	88.3
72.5°	344.4	322.0	298.9	275.2	252.3	228.8	204.7	180.6	157.3	133.6	109.6
70°	410.1	382.8	355.8	329.1	301.1	272.2	244.7	216.3	188.0	161.0	133.6
67.5°	477.2	446.5	414.7	383.2	352.1	319.5	285.0	251.9	219.6	188.0	157.3
65°	547.7	511.4	474.1	438.4	402.8	367.1	329.4	288.1	250.6	215.2	180.6
62.5°	617.1	577.4	535.6	493.0	452.5	413.0	372.9	327.0	281.7	241.7	203.5
60°	684.3	639.9	594.9	547.8	501.7	457.4	412.9	364.9	315.5	267.6	225.9
57.5°	746.0	699.3	649.0	599.5	549.8	500.8	451.6	400.7	348.3	295.7	247.6
55°	803.9	753.0	700.5	647.0	594.9	542.7	489.3	435.0	379.9	323.7	268.9
52.5°	858.2	805.1	749.4	692.5	636.1	582.2	525.9	468.3	409.9	350.7	292.3
50°	905.7	855.8	796.8	736.8	675.6	618.7	561.4	500.5	438.9	376.6	315.2
47.5°	945.6	899.7	842.8	779.5	715.3	654.4	594.7	531.7	466.9	401.5	337.1
45°	984.6	940.4	885.3	820.8	754.4	690.1	626.8	561.6	493.8	425.5	358.0
42.5°	1021.2	977.0	925.6	860.4	791.9	724.4	657.9	590.0	519.6	448.3	377.9
40°	1052.4	1009.1	963.5	898.4	827.2	756.8	687.4	617.2	544.2	470.0	396.7
37.5°	1082.7	1038.4	991.3	934.3	860.2	787.2	715.2	643.4	568.0	491.0	414.5
35°	1112.0	1066.2	1016.4	962.0	891.0	815.5	741.1	667.9	590.2	511.1	431.1
32.5°	1138.2	1091.2	1039.4	984.6	919.4	841.7	765.1	689.4	610.9	530.1	446.5
30°	1169.5	1112.1	1060.2	1006.7	943.6	865.7	787.3	709.4	630.0	548.0	461.0
27.5°	1199.4	1132.3	1078.7	1025.1	962.7	887.4	807.9	727.9	647.4	564.3	475.3
25°	1228.3	1155.3	1096.0	1040.5	980.9	908.2	826.7	744.9	662.8	578.5	488.5
22.5°	1261.5	1176.4	1112.1	1053.9	998.4	927.0	843.8	760.2	676.5	591.3	500.6
20°	1291.1	1193.8	1127.0	1066.5	1011.4	941.2	859.0	773.9	688.7	602.5	511.5
17.5°	1320.0	1213.6	1141.5	1078.6	1021.2	953.6	872.4	786.0	699.3	612.3	521.3
15°	1360.1	1236.2	1154.1	1089.0	1029.5	964.3	883.9	796.2	708.5	620.6	530.0
12.5°	1394.4	1255.2	1164.5	1097.4	1036.3	973.0	893.4	804.7	716.1	628.0	537.7
10°	1422.3	1270.3	1172.7	1104.0	1041.4	979.9	900.9	811.9	723.2	634.4	544.1
7.5°	1443.5	1281.6	1178.5	1108.6	1045.0	984.9	907.8	818.3	728.9	639.4	549.0
5°	1457.9	1289.0	1183.4	1111.3	1047.0	988.0	912.9	822.9	732.9	642.9	552.6
2.5°	1465.4	1292.3	1186.9	1112.0	1047.4	989.0	916.0	825.7	735.4	645.1	554.7
0°	1465.9	1291.5	1188.2	1110.7	1046.2	988.0	917.0	826.6	736.2	645.8	555.4
-2.5°	1465.4	1292.3	1186.9	1112.0	1047.4	989.0	916.0	825.7	735.4	645.1	554.7
-5°	1457.9	1289.0	1183.4	1111.3	1047.0	988.0	912.9	822.9	732.9	642.9	552.6
-7.5°	1443.5	1281.6	1178.5	1108.6	1045.0	984.9	907.8	818.3	728.9	639.4	549.0
-10°	1422.3	1270.3	1172.7	1104.0	1041.4	979.9	900.9	811.9	723.2	634.4	544.1
-12.5°	1394.4	1255.2	1164.5	1097.4	1036.3	973.0	893.4	804.7	716.1	628.0	537.7
-15°	1360.1	1236.2	1154.1	1089.0	1029.5	964.3	883.9	796.2	708.5	620.6	530.0
-17.5°	1320.0	1213.6	1141.5	1078.6	1021.2	953.6	872.4	786.0	699.3	612.3	521.3
-20°	1291.1	1193.8	1127.0	1066.5	1011.4	941.2	859.0	773.9	688.7	602.5	511.5

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

Scaled Data Report



REPORT NUMBER: P627647 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-740-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1261.5	1176.4	1112.1	1053.9	998.4	927.0	843.8	760.2	676.5	591.3	500.6
-25°	1228.3	1155.3	1096.0	1040.5	980.9	908.2	826.7	744.9	662.8	578.5	488.5
-27.5°	1199.4	1132.3	1078.7	1025.1	962.7	887.4	807.9	727.9	647.4	564.3	475.3
-30°	1169.5	1112.1	1060.2	1006.7	943.6	865.7	787.3	709.4	630.0	548.0	461.0
-32.5°	1138.2	1091.2	1039.4	984.6	919.4	841.7	765.1	689.4	610.9	530.1	446.5
-35°	1112.0	1066.2	1016.4	962.0	891.0	815.5	741.1	667.9	590.2	511.1	431.1
-37.5°	1082.7	1038.4	991.3	934.3	860.2	787.2	715.2	643.4	568.0	491.0	414.5
-40°	1052.4	1009.1	963.5	898.4	827.2	756.8	687.4	617.2	544.2	470.0	396.7
-42.5°	1021.2	977.0	925.6	860.4	791.9	724.4	657.9	590.0	519.6	448.3	377.9
-45°	984.6	940.4	885.3	820.8	754.4	690.1	626.8	561.6	493.8	425.5	358.0
-47.5°	945.6	899.7	842.8	779.5	715.3	654.4	594.7	531.7	466.9	401.5	337.1
-50°	905.7	855.8	796.8	736.8	675.6	618.7	561.4	500.5	438.9	376.6	315.2
-52.5°	858.2	805.1	749.4	692.5	636.1	582.2	525.9	468.3	409.9	350.7	292.3
-55°	803.9	753.0	700.5	647.0	594.9	542.7	489.3	435.0	379.9	323.7	268.9
-57.5°	746.0	699.3	649.0	599.5	549.8	500.8	451.6	400.7	348.3	295.7	247.6
-60°	684.3	639.9	594.9	547.8	501.7	457.4	412.9	364.9	315.5	267.6	225.9
-62.5°	617.1	577.4	535.6	493.0	452.5	413.0	372.9	327.0	281.7	241.7	203.5
-65°	547.7	511.4	474.1	438.4	402.8	367.1	329.4	288.1	250.6	215.2	180.6
-67.5°	477.2	446.5	414.7	383.2	352.1	319.5	285.0	251.9	219.6	188.0	157.3
-70°	410.1	382.8	355.8	329.1	301.1	272.2	244.7	216.3	188.0	161.0	133.6
-72.5°	344.4	322.0	298.9	275.2	252.3	228.8	204.7	180.6	157.3	133.6	109.6
-75°	280.4	262.4	243.9	224.8	205.2	185.2	166.2	146.3	126.3	105.9	88.3
-77.5°	220.1	205.3	189.9	175.8	161.2	145.5	128.9	111.6	96.7	82.7	68.0
-80°	163.7	153.5	142.9	131.8	119.1	105.8	94.1	82.8	71.7	59.9	47.5
-82.5°	111.6	104.5	97.2	89.6	80.9	72.3	64.0	55.7	46.6	37.0	30.4
-85°	63.6	58.9	54.1	49.1	43.8	38.7	35.7	32.6	28.3	24.2	20.3
-87.5°	26.1	24.9	23.6	22.2	20.8	19.3	17.9	16.3	14.2	12.1	10.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627647 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-740-U-MWR-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°	8.4	7.0	5.6	4.2	2.8	1.4	0.0
85°	16.7	14.0	11.2	8.4	5.6	2.8	0.0
82.5°	25.0	20.9	16.8	12.6	8.4	4.2	0.0
80°	34.5	27.8	22.3	16.8	11.2	5.6	0.0
77.5°	52.5	37.6	27.8	20.9	14.0	7.0	0.0
75°	70.4	52.5	34.5	25.0	16.7	8.4	0.0
72.5°	88.1	67.3	46.3	29.1	19.4	9.7	0.0
70°	105.9	81.9	58.0	34.0	22.1	11.0	0.0
67.5°	126.1	96.2	69.5	42.6	24.7	12.4	0.0
65°	145.8	111.4	80.8	51.1	27.3	13.6	0.0
62.5°	165.1	127.3	91.9	59.4	29.8	14.9	0.0
60°	183.9	142.7	102.8	67.6	32.3	16.1	0.0
57.5°	202.7	157.8	114.6	75.5	37.5	17.4	0.0
55°	221.1	172.3	126.1	83.2	42.5	18.5	0.0
52.5°	239.1	186.5	137.2	90.7	47.4	19.7	0.0
50°	256.6	201.2	148.0	98.0	52.1	20.8	0.0
47.5°	273.9	215.4	158.2	105.1	56.6	21.8	0.0
45°	291.7	229.2	168.1	112.5	60.9	22.8	0.0
42.5°	308.8	242.4	177.4	119.5	65.0	23.8	0.0
40°	324.9	255.1	186.9	126.0	68.8	24.7	0.0
37.5°	340.1	267.2	196.5	132.0	72.4	25.6	0.0
35°	354.4	279.0	205.7	137.7	75.8	26.5	0.0
32.5°	367.7	290.2	214.3	143.0	79.0	27.2	0.0
30°	380.0	300.5	222.4	147.9	81.9	28.0	0.0
27.5°	391.3	310.1	229.6	152.5	84.6	28.6	0.0
25°	401.5	318.8	236.1	156.6	87.0	29.3	0.0
22.5°	410.7	326.5	242.0	160.3	89.1	29.8	0.0
20°	418.8	333.1	247.2	163.6	91.0	30.4	0.0
17.5°	426.2	338.8	251.8	166.5	92.7	30.8	0.0
15°	432.8	343.8	255.7	168.9	94.0	31.2	0.0
12.5°	438.5	347.8	258.9	170.9	95.2	31.5	0.0
10°	443.3	351.0	261.5	172.5	96.0	31.8	0.0
7.5°	447.1	353.4	263.4	173.7	96.6	32.0	0.0
5°	449.8	354.9	264.5	174.4	97.0	32.2	0.0
2.5°	451.4	355.5	265.0	174.6	97.1	32.3	0.0
0°	452.0	355.2	264.8	174.4	96.9	32.3	0.0
-2.5°	451.4	355.5	265.0	174.6	97.1	32.3	0.0
-5°	449.8	354.9	264.5	174.4	97.0	32.2	0.0
-7.5°	447.1	353.4	263.4	173.7	96.6	32.0	0.0
-10°	443.3	351.0	261.5	172.5	96.0	31.8	0.0
-12.5°	438.5	347.8	258.9	170.9	95.2	31.5	0.0
-15°	432.8	343.8	255.7	168.9	94.0	31.2	0.0
-17.5°	426.2	338.8	251.8	166.5	92.7	30.8	0.0
-20°	418.8	333.1	247.2	163.6	91.0	30.4	0.0

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1121 Highway 74 South  
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627647 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5C-740-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	410.7	326.5	242.0	160.3	89.1	29.8	0.0
-25°	401.5	318.8	236.1	156.6	87.0	29.3	0.0
-27.5°	391.3	310.1	229.6	152.5	84.6	28.6	0.0
-30°	380.0	300.5	222.4	147.9	81.9	28.0	0.0
-32.5°	367.7	290.2	214.3	143.0	79.0	27.2	0.0
-35°	354.4	279.0	205.7	137.7	75.8	26.5	0.0
-37.5°	340.1	267.2	196.5	132.0	72.4	25.6	0.0
-40°	324.9	255.1	186.9	126.0	68.8	24.7	0.0
-42.5°	308.8	242.4	177.4	119.5	65.0	23.8	0.0
-45°	291.7	229.2	168.1	112.5	60.9	22.8	0.0
-47.5°	273.9	215.4	158.2	105.1	56.6	21.8	0.0
-50°	256.6	201.2	148.0	98.0	52.1	20.8	0.0
-52.5°	239.1	186.5	137.2	90.7	47.4	19.7	0.0
-55°	221.1	172.3	126.1	83.2	42.5	18.5	0.0
-57.5°	202.7	157.8	114.6	75.5	37.5	17.4	0.0
-60°	183.9	142.7	102.8	67.6	32.3	16.1	0.0
-62.5°	165.1	127.3	91.9	59.4	29.8	14.9	0.0
-65°	145.8	111.4	80.8	51.1	27.3	13.6	0.0
-67.5°	126.1	96.2	69.5	42.6	24.7	12.4	0.0
-70°	105.9	81.9	58.0	34.0	22.1	11.0	0.0
-72.5°	88.1	67.3	46.3	29.1	19.4	9.7	0.0
-75°	70.4	52.5	34.5	25.0	16.7	8.4	0.0
-77.5°	52.5	37.6	27.8	20.9	14.0	7.0	0.0
-80°	34.5	27.8	22.3	16.8	11.2	5.6	0.0
-82.5°	25.0	20.9	16.8	12.6	8.4	4.2	0.0
-85°	16.7	14.0	11.2	8.4	5.6	2.8	0.0
-87.5°	8.4	7.0	5.6	4.2	2.8	1.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)