

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: P627867 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-730-U-MWR-XX**

Issue Date: 12/7/2022

**Test Information**

Test Method: LM-79-08  
Report Number: P627867 (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-SA6C-730-U-MWR-XX  
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N140  
Light Source: (96) 3000K CCT, 70 CRI LEDS  
Ballast/Driver: -

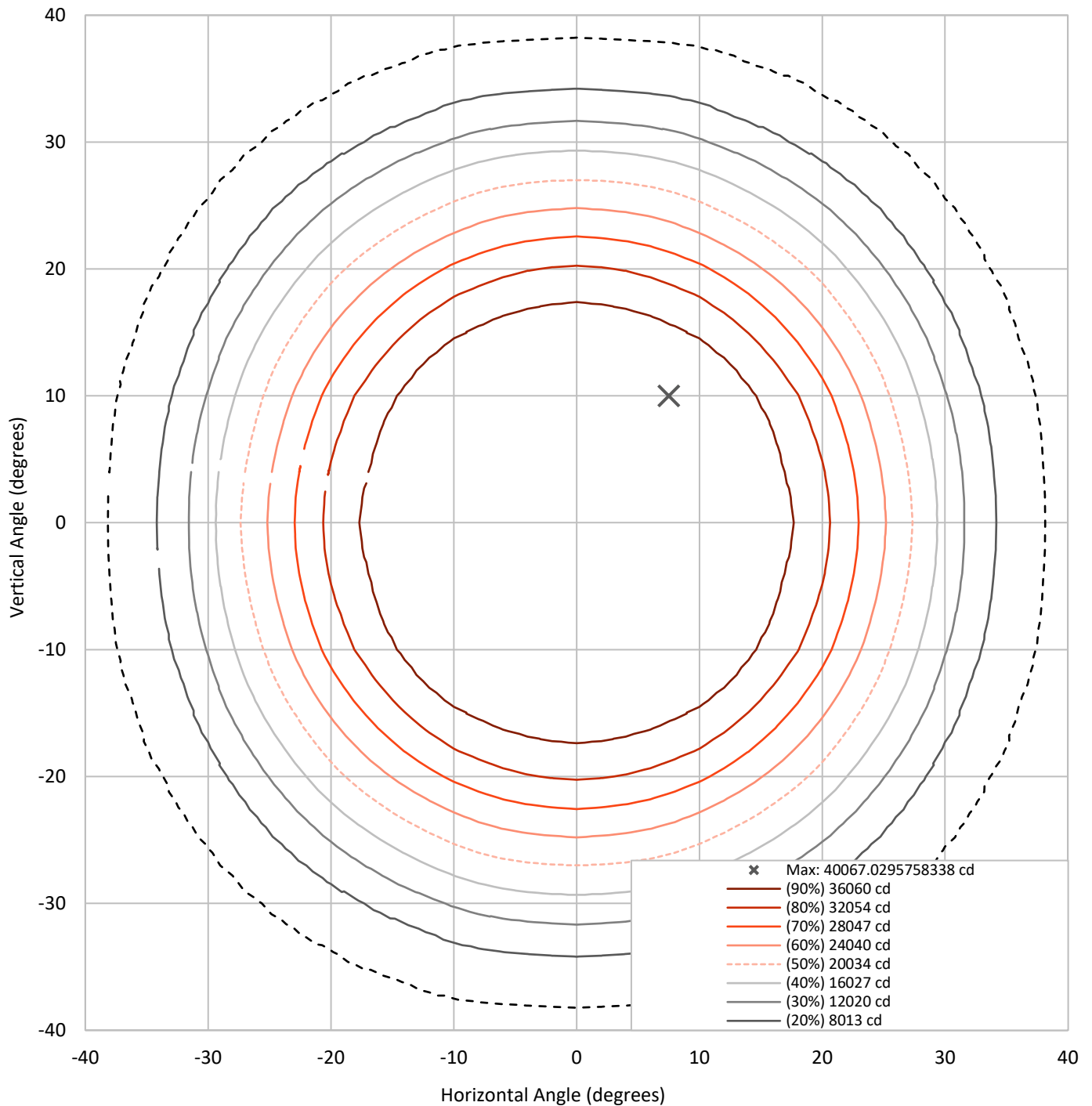
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	34100.8 lumens	Max Intensity:	40067 candela
Efficiency:	N/A	Max Intensity Angle:	7.5°H x 10°V
Efficacy:	137.8 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:	22634.1 lumens	Field Lumens:	29430.8 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
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





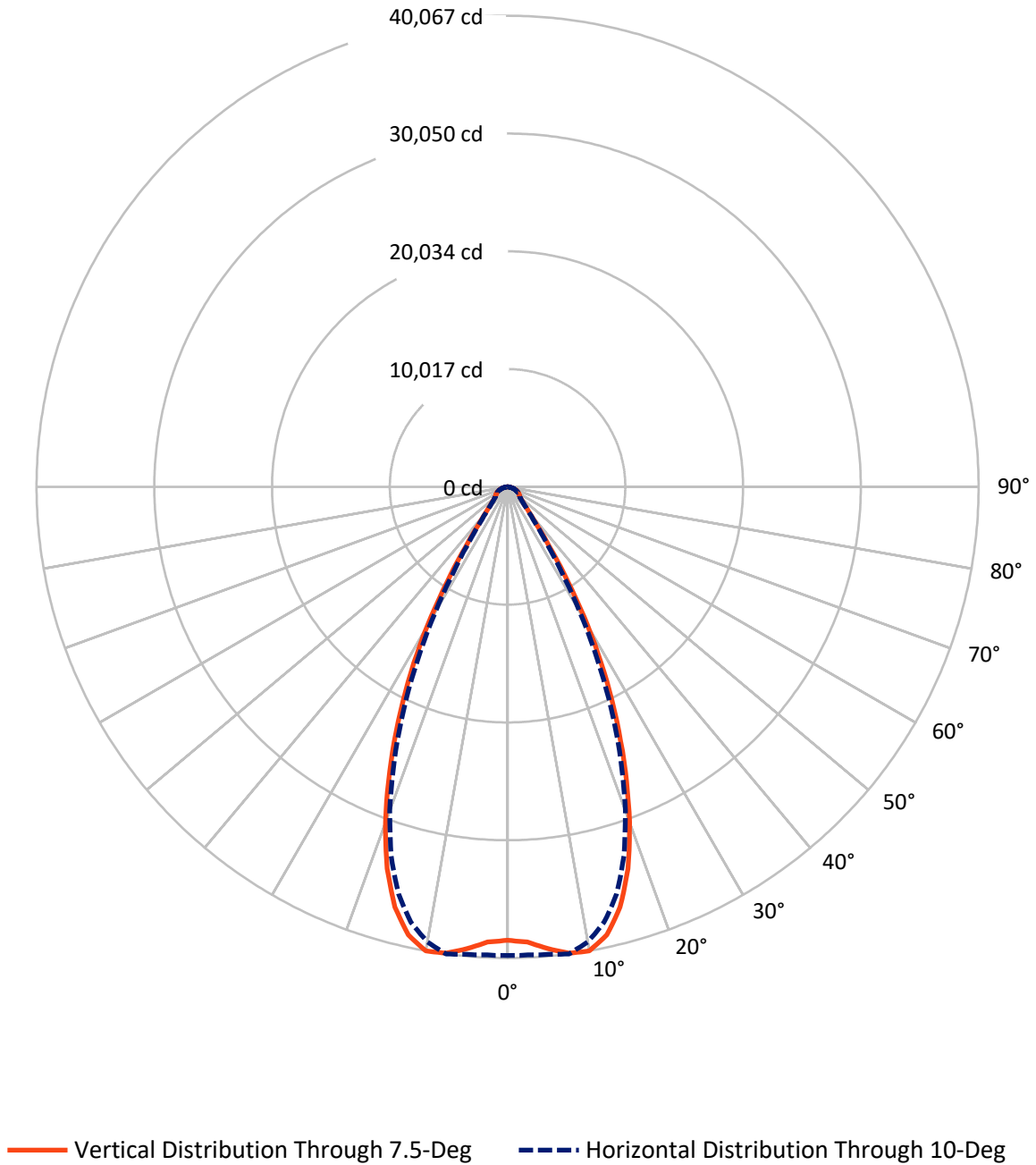
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### Lumen Table

90																			
80	0.9	8.0		21.4		33.9		37.8		33.9		21.4		8.0		0.9			
70																			
60	3.6	4.1	8.4	13.6	19.1	23.2	26.2	27.7	27.7	26.2	23.2	19.1	13.6	8.4	4.1	3.6			
50		6.1	12.3	19.7	26.3	31.8	35.6	37.2	37.2	35.6	31.8	26.3	19.7	12.3	6.1				
40	6.4	7.9	15.6	23.9	32.0	41.7	52.4	60.1	60.1	52.4	41.7	32.0	23.9	15.6	7.9	6.4			
30		9.4	18.1	27.5	42.5	77.5	148.3	219.9	219.9	148.3	77.5	42.5	27.5	18.1	9.4				
20	8.3	10.5	19.7	32.0	69.8	218.9	491.1	685.8	685.8	491.1	218.9	69.8	32.0	19.7	10.5	8.3			
10		11.2	20.8	38.1	126.3	466.7	891.2	1115.4	1115.4	891.2	466.7	126.3	38.1	20.8	11.2				
0	8.9	11.6	21.3	42.8	181.8	638.6	1081.2	1176.4	1176.4	1081.2	638.6	181.8	42.8	21.3	11.6	8.9			
-10		11.6	21.3	42.8	181.8	638.6	1081.2	1176.4	1176.4	1081.2	638.6	181.8	42.8	21.3	11.6				
-20	8.3	11.2	20.8	38.1	126.3	466.7	891.2	1115.4	1115.4	891.2	466.7	126.3	38.1	20.8	11.2	8.3			
-30		10.5	19.7	32.0	69.8	218.9	491.1	685.8	685.8	491.1	218.9	69.8	32.0	19.7	10.5				
-40	6.4	9.4	18.1	27.5	42.5	77.5	148.3	219.9	219.9	148.3	77.5	42.5	27.5	18.1	9.4	6.4			
-50		7.9	15.6	23.9	32.0	41.7	52.4	60.1	60.1	52.4	41.7	32.0	23.9	15.6	7.9				
-60	3.6	6.1	12.3	19.7	26.3	31.8	35.6	37.2	37.2	35.6	31.8	26.3	19.7	12.3	6.1	3.6			
-70		4.1	8.4	13.6	19.1	23.2	26.2	27.7	27.7	26.2	23.2	19.1	13.6	8.4	4.1				
-80																			
-90	0.9	8.0		21.4		33.9		37.8		33.9		21.4		8.0		0.9			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

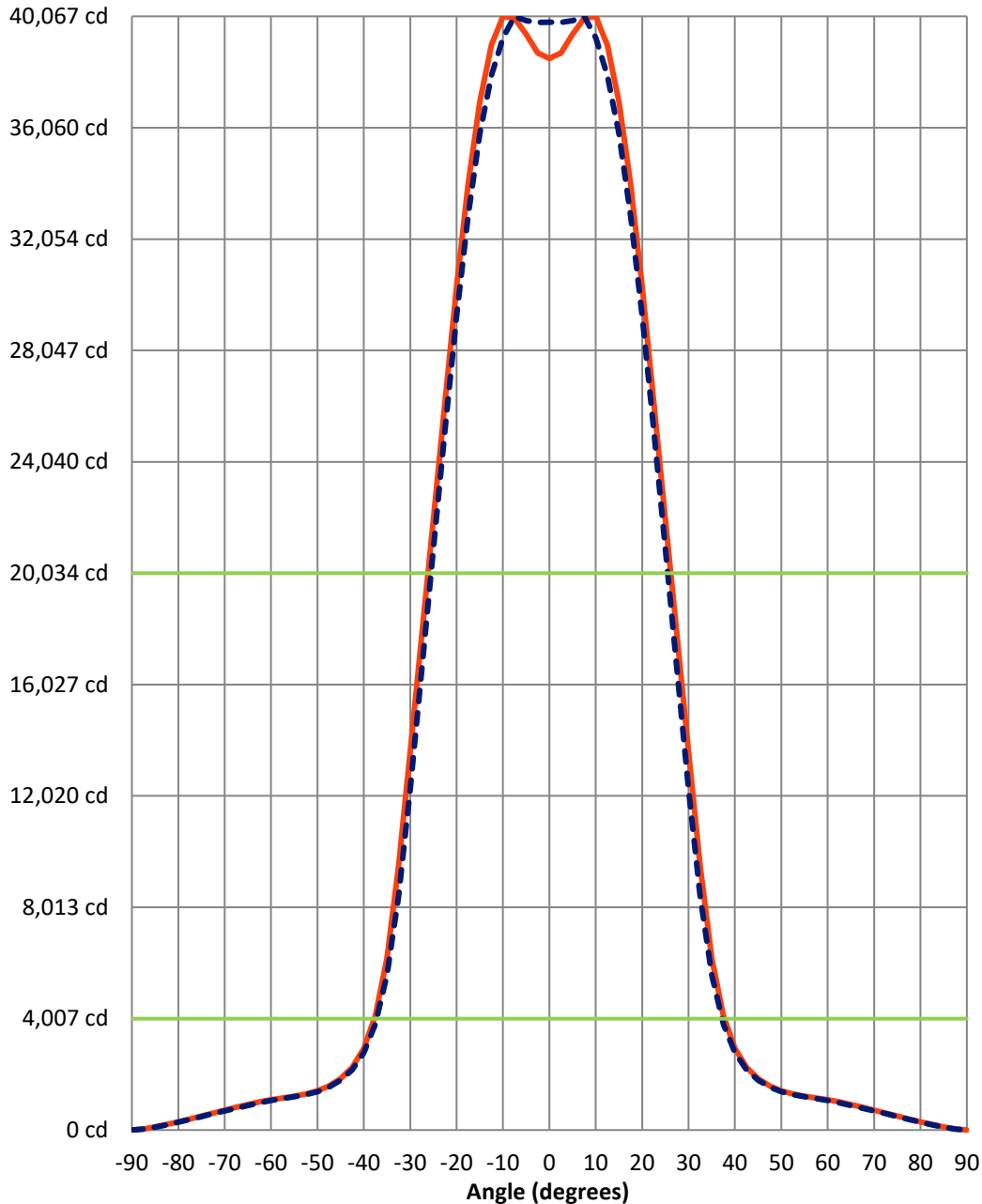
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 51°  
 V Angle: 52.3°  
 Lumens: 22634.1  
 Efficiency: 66.4%

**Field:**  
 H Angle: 74.5°  
 V Angle: 75.5°  
 Lumens: 29430.8  
 Efficiency: 86.3%

**Spill:**  
 Lumens: 4670  
 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	1.5	3.1	4.6	6.1	7.6	9.1	11.1	13.2	15.4	17.8
85°	0.0	3.1	6.1	9.2	12.2	15.2	18.1	22.1	26.3	30.8	35.5
82.5°	0.0	4.6	9.2	13.7	18.2	22.7	27.2	33.1	40.2	50.7	60.6
80°	0.0	6.1	12.2	18.2	24.3	30.2	37.4	51.6	65.1	77.9	89.9
77.5°	0.0	7.6	15.2	22.7	30.2	40.8	57.0	73.8	89.9	105.0	121.2
75°	0.0	9.1	18.1	27.2	37.4	57.0	76.5	96.0	115.1	137.1	158.8
72.5°	0.0	10.6	21.1	31.6	50.3	73.1	95.7	119.1	145.1	170.8	196.1
70°	0.0	12.0	24.0	36.9	63.0	88.9	115.0	145.1	174.8	204.1	234.8
67.5°	0.0	13.4	26.8	46.3	75.5	104.5	136.9	170.8	204.1	238.4	273.4
65°	0.0	14.8	29.6	55.5	87.8	121.0	158.3	196.1	233.6	272.1	312.8
62.5°	0.0	16.2	32.4	64.6	99.8	138.2	179.3	220.9	262.5	305.9	355.1
60°	0.0	17.5	35.1	73.4	111.6	155.0	199.6	245.2	290.5	342.6	396.2
57.5°	0.0	18.9	40.7	82.0	124.4	171.3	220.0	268.9	321.1	378.2	435.0
55°	0.0	20.1	46.2	90.4	136.9	187.1	240.1	292.0	351.5	412.5	472.3
52.5°	0.0	21.4	51.5	98.6	149.0	202.5	259.6	317.4	380.8	445.1	508.5
50°	0.0	22.6	56.6	106.4	160.6	218.4	278.7	342.2	408.9	476.6	543.5
47.5°	0.0	23.7	61.5	114.2	171.8	233.9	297.4	366.0	435.9	507.0	577.3
45°	0.0	24.8	66.1	122.2	182.5	248.8	316.8	388.7	462.0	536.2	609.9
42.5°	0.0	25.9	70.5	129.8	192.6	263.2	335.3	410.4	486.8	564.2	640.6
40°	0.0	26.9	74.7	136.8	202.9	277.0	352.8	430.8	510.4	590.9	670.2
37.5°	0.0	27.8	78.7	143.4	213.4	290.2	369.3	450.1	533.2	616.7	698.6
35°	0.0	28.7	82.4	149.5	223.3	303.0	384.8	468.1	554.9	640.9	725.2
32.5°	0.0	29.6	85.8	155.3	232.7	315.1	399.3	484.8	575.6	663.3	748.5
30°	0.0	30.4	88.9	160.6	241.5	326.4	412.6	500.5	595.0	684.0	770.3
27.5°	0.0	31.1	91.8	165.5	249.3	336.7	424.9	516.1	612.7	702.9	790.4
25°	0.0	31.8	94.4	170.0	256.3	346.2	436.0	530.4	628.1	719.6	808.8
22.5°	0.0	32.4	96.8	174.0	262.7	354.6	446.0	543.6	642.0	734.5	825.5
20°	0.0	33.0	98.8	177.6	268.4	361.7	454.8	555.4	654.2	747.8	840.4
17.5°	0.0	33.5	100.6	180.7	273.4	368.0	462.8	565.9	664.8	759.4	853.4
15°	0.0	33.9	102.1	183.4	277.6	373.3	470.0	575.4	673.8	769.3	864.6
12.5°	0.0	34.3	103.3	185.6	281.2	377.7	476.2	583.8	681.8	777.5	873.8
10°	0.0	34.6	104.2	187.3	283.9	381.2	481.3	590.7	688.8	785.3	881.6
7.5°	0.0	34.8	104.9	188.5	286.0	383.8	485.4	596.1	694.2	791.4	888.5
5°	0.0	35.0	105.3	189.3	287.2	385.4	488.4	599.9	698.1	795.9	893.5
2.5°	0.0	35.1	105.4	189.5	287.7	386.0	490.2	602.2	700.4	798.5	896.5
0°	0.0	35.1	105.2	189.3	287.5	385.7	490.8	603.0	701.2	799.4	897.5
-2.5°	0.0	35.1	105.4	189.5	287.7	386.0	490.2	602.2	700.4	798.5	896.5
-5°	0.0	35.0	105.3	189.3	287.2	385.4	488.4	599.9	698.1	795.9	893.5
-7.5°	0.0	34.8	104.9	188.5	286.0	383.8	485.4	596.1	694.2	791.4	888.5
-10°	0.0	34.6	104.2	187.3	283.9	381.2	481.3	590.7	688.8	785.3	881.6
-12.5°	0.0	34.3	103.3	185.6	281.2	377.7	476.2	583.8	681.8	777.5	873.8
-15°	0.0	33.9	102.1	183.4	277.6	373.3	470.0	575.4	673.8	769.3	864.6
-17.5°	0.0	33.5	100.6	180.7	273.4	368.0	462.8	565.9	664.8	759.4	853.4
-20°	0.0	33.0	98.8	177.6	268.4	361.7	454.8	555.4	654.2	747.8	840.4

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Scaled Data Report



REPORT NUMBER: P627867 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-730-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	32.4	96.8	174.0	262.7	354.6	446.0	543.6	642.0	734.5	825.5
-25°	0.0	31.8	94.4	170.0	256.3	346.2	436.0	530.4	628.1	719.6	808.8
-27.5°	0.0	31.1	91.8	165.5	249.3	336.7	424.9	516.1	612.7	702.9	790.4
-30°	0.0	30.4	88.9	160.6	241.5	326.4	412.6	500.5	595.0	684.0	770.3
-32.5°	0.0	29.6	85.8	155.3	232.7	315.1	399.3	484.8	575.6	663.3	748.5
-35°	0.0	28.7	82.4	149.5	223.3	303.0	384.8	468.1	554.9	640.9	725.2
-37.5°	0.0	27.8	78.7	143.4	213.4	290.2	369.3	450.1	533.2	616.7	698.6
-40°	0.0	26.9	74.7	136.8	202.9	277.0	352.8	430.8	510.4	590.9	670.2
-42.5°	0.0	25.9	70.5	129.8	192.6	263.2	335.3	410.4	486.8	564.2	640.6
-45°	0.0	24.8	66.1	122.2	182.5	248.8	316.8	388.7	462.0	536.2	609.9
-47.5°	0.0	23.7	61.5	114.2	171.8	233.9	297.4	366.0	435.9	507.0	577.3
-50°	0.0	22.6	56.6	106.4	160.6	218.4	278.7	342.2	408.9	476.6	543.5
-52.5°	0.0	21.4	51.5	98.6	149.0	202.5	259.6	317.4	380.8	445.1	508.5
-55°	0.0	20.1	46.2	90.4	136.9	187.1	240.1	292.0	351.5	412.5	472.3
-57.5°	0.0	18.9	40.7	82.0	124.4	171.3	220.0	268.9	321.1	378.2	435.0
-60°	0.0	17.5	35.1	73.4	111.6	155.0	199.6	245.2	290.5	342.6	396.2
-62.5°	0.0	16.2	32.4	64.6	99.8	138.2	179.3	220.9	262.5	305.9	355.1
-65°	0.0	14.8	29.6	55.5	87.8	121.0	158.3	196.1	233.6	272.1	312.8
-67.5°	0.0	13.4	26.8	46.3	75.5	104.5	136.9	170.8	204.1	238.4	273.4
-70°	0.0	12.0	24.0	36.9	63.0	88.9	115.0	145.1	174.8	204.1	234.8
-72.5°	0.0	10.6	21.1	31.6	50.3	73.1	95.7	119.1	145.1	170.8	196.1
-75°	0.0	9.1	18.1	27.2	37.4	57.0	76.5	96.0	115.1	137.1	158.8
-77.5°	0.0	7.6	15.2	22.7	30.2	40.8	57.0	73.8	89.9	105.0	121.2
-80°	0.0	6.1	12.2	18.2	24.3	30.2	37.4	51.6	65.1	77.9	89.9
-82.5°	0.0	4.6	9.2	13.7	18.2	22.7	27.2	33.1	40.2	50.7	60.6
-85°	0.0	3.1	6.1	9.2	12.2	15.2	18.1	22.1	26.3	30.8	35.5
-87.5°	0.0	1.5	3.1	4.6	6.1	7.6	9.1	11.1	13.2	15.4	17.8
-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°	19.4	21.0	22.6	24.1	25.6	27.1	28.4	29.8	31.0	32.2	33.4
85°	38.8	42.1	47.6	53.4	58.8	64.0	69.1	74.0	78.6	83.1	87.3
82.5°	69.5	78.6	87.9	97.3	105.6	113.4	121.2	129.1	137.1	145.0	152.9
80°	102.2	114.9	129.4	143.1	155.1	166.6	177.6	188.3	199.8	212.2	224.8
77.5°	140.0	158.0	174.9	190.8	206.1	222.8	239.0	254.5	270.7	286.6	301.9
75°	180.4	201.0	222.7	244.0	264.8	284.9	304.5	324.4	344.7	364.7	383.9
72.5°	222.2	248.4	273.9	298.8	324.6	349.7	373.9	397.3	421.4	446.0	469.5
70°	265.6	295.5	327.0	357.4	386.4	415.7	445.3	473.8	501.7	530.2	558.4
67.5°	309.4	346.9	382.4	416.1	450.3	484.8	518.1	552.3	585.3	618.4	650.1
65°	357.6	398.6	437.4	476.0	514.8	555.3	594.7	632.7	671.0	708.1	741.4
62.5°	404.9	448.4	491.4	535.3	581.5	626.9	670.0	713.7	758.2	797.0	830.7
60°	448.4	496.7	544.7	594.8	645.9	694.8	743.1	790.5	838.4	883.0	910.5
57.5°	490.4	543.8	597.0	650.9	704.7	759.3	810.1	862.2	906.7	944.3	976.2
55°	531.3	589.3	646.0	702.5	760.7	817.7	872.9	922.5	965.9	997.3	1028.1
52.5°	571.1	632.2	690.7	752.0	813.7	874.2	931.9	977.9	1013.5	1045.6	1074.3
50°	609.7	671.8	733.6	800.0	865.2	929.2	983.4	1023.7	1060.0	1091.2	1121.3
47.5°	645.8	710.6	776.7	846.5	915.1	977.0	1026.8	1068.9	1105.9	1139.6	1175.3
45°	680.6	749.4	819.2	891.2	961.3	1021.2	1069.2	1114.5	1149.2	1187.2	1228.1
42.5°	714.3	786.6	859.8	934.2	1005.0	1060.9	1108.9	1150.5	1191.2	1236.3	1285.7
40°	746.4	821.8	898.2	975.6	1046.2	1095.7	1142.7	1186.8	1236.3	1289.8	1347.0
37.5°	776.6	854.8	934.1	1014.5	1076.5	1127.5	1175.6	1224.8	1282.3	1344.3	1422.0
35°	804.7	885.5	967.5	1044.7	1103.6	1157.7	1207.5	1262.4	1329.5	1410.5	1510.1
32.5°	830.8	914.0	998.3	1069.1	1128.6	1184.8	1236.0	1304.4	1385.1	1481.5	1622.4
30°	854.9	940.0	1024.6	1093.2	1151.2	1207.6	1269.9	1346.9	1441.3	1582.2	1762.4
27.5°	877.2	963.6	1045.3	1113.1	1171.3	1229.5	1302.4	1395.8	1520.0	1688.1	1912.2
25°	897.7	986.2	1065.1	1129.9	1190.0	1254.5	1333.7	1438.7	1602.1	1819.2	2122.0
22.5°	916.2	1006.6	1084.1	1144.4	1207.5	1277.4	1369.8	1501.2	1689.5	1943.0	2333.6
20°	932.8	1022.0	1098.3	1158.1	1223.7	1296.3	1402.0	1560.4	1787.6	2115.8	2614.4
17.5°	947.3	1035.5	1108.9	1171.3	1239.5	1317.8	1433.3	1611.7	1874.7	2266.5	2898.3
15°	959.7	1047.0	1117.9	1182.5	1253.2	1342.4	1476.8	1678.8	1975.8	2423.3	3145.6
12.5°	970.0	1056.6	1125.3	1191.7	1264.5	1362.9	1514.1	1742.0	2080.8	2615.9	3510.2
10°	978.2	1064.0	1130.9	1198.8	1273.3	1379.4	1544.4	1793.7	2167.8	2782.8	3821.1
7.5°	985.7	1069.5	1134.8	1203.8	1279.6	1391.6	1567.4	1833.5	2234.5	2913.8	4067.2
5°	991.2	1072.8	1136.9	1206.7	1284.9	1399.6	1583.0	1861.1	2280.6	3007.4	4240.4
2.5°	994.6	1073.9	1137.3	1207.5	1288.8	1403.2	1591.1	1876.4	2316.8	3051.8	4333.4
0°	995.7	1072.8	1135.9	1206.1	1290.2	1402.4	1591.7	1879.2	2335.0	3050.2	4347.5
-2.5°	994.6	1073.9	1137.3	1207.5	1288.8	1403.2	1591.1	1876.4	2316.8	3051.8	4333.4
-5°	991.2	1072.8	1136.9	1206.7	1284.9	1399.6	1583.0	1861.1	2280.6	3007.4	4240.4
-7.5°	985.7	1069.5	1134.8	1203.8	1279.6	1391.6	1567.4	1833.5	2234.5	2913.8	4067.2
-10°	978.2	1064.0	1130.9	1198.8	1273.3	1379.4	1544.4	1793.7	2167.8	2782.8	3821.1
-12.5°	970.0	1056.6	1125.3	1191.7	1264.5	1362.9	1514.1	1742.0	2080.8	2615.9	3510.2
-15°	959.7	1047.0	1117.9	1182.5	1253.2	1342.4	1476.8	1678.8	1975.8	2423.3	3145.6
-17.5°	947.3	1035.5	1108.9	1171.3	1239.5	1317.8	1433.3	1611.7	1874.7	2266.5	2898.3
-20°	932.8	1022.0	1098.3	1158.1	1223.7	1296.3	1402.0	1560.4	1787.6	2115.8	2614.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627867 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-730-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°	916.2	1006.6	1084.1	1144.4	1207.5	1277.4	1369.8	1501.2	1689.5	1943.0	2333.6
-25°	897.7	986.2	1065.1	1129.9	1190.0	1254.5	1333.7	1438.7	1602.1	1819.2	2122.0
-27.5°	877.2	963.6	1045.3	1113.1	1171.3	1229.5	1302.4	1395.8	1520.0	1688.1	1912.2
-30°	854.9	940.0	1024.6	1093.2	1151.2	1207.6	1269.9	1346.9	1441.3	1582.2	1762.4
-32.5°	830.8	914.0	998.3	1069.1	1128.6	1184.8	1236.0	1304.4	1385.1	1481.5	1622.4
-35°	804.7	885.5	967.5	1044.7	1103.6	1157.7	1207.5	1262.4	1329.5	1410.5	1510.1
-37.5°	776.6	854.8	934.1	1014.5	1076.5	1127.5	1175.6	1224.8	1282.3	1344.3	1422.0
-40°	746.4	821.8	898.2	975.6	1046.2	1095.7	1142.7	1186.8	1236.3	1289.8	1347.0
-42.5°	714.3	786.6	859.8	934.2	1005.0	1060.9	1108.9	1150.5	1191.2	1236.3	1285.7
-45°	680.6	749.4	819.2	891.2	961.3	1021.2	1069.2	1114.5	1149.2	1187.2	1228.1
-47.5°	645.8	710.6	776.7	846.5	915.1	977.0	1026.8	1068.9	1105.9	1139.6	1175.3
-50°	609.7	671.8	733.6	800.0	865.2	929.2	983.4	1023.7	1060.0	1091.2	1121.3
-52.5°	571.1	632.2	690.7	752.0	813.7	874.2	931.9	977.9	1013.5	1045.6	1074.3
-55°	531.3	589.3	646.0	702.5	760.7	817.7	872.9	922.5	965.9	997.3	1028.1
-57.5°	490.4	543.8	597.0	650.9	704.7	759.3	810.1	862.2	906.7	944.3	976.2
-60°	448.4	496.7	544.7	594.8	645.9	694.8	743.1	790.5	838.4	883.0	910.5
-62.5°	404.9	448.4	491.4	535.3	581.5	626.9	670.0	713.7	758.2	797.0	830.7
-65°	357.6	398.6	437.4	476.0	514.8	555.3	594.7	632.7	671.0	708.1	741.4
-67.5°	309.4	346.9	382.4	416.1	450.3	484.8	518.1	552.3	585.3	618.4	650.1
-70°	265.6	295.5	327.0	357.4	386.4	415.7	445.3	473.8	501.7	530.2	558.4
-72.5°	222.2	248.4	273.9	298.8	324.6	349.7	373.9	397.3	421.4	446.0	469.5
-75°	180.4	201.0	222.7	244.0	264.8	284.9	304.5	324.4	344.7	364.7	383.9
-77.5°	140.0	158.0	174.9	190.8	206.1	222.8	239.0	254.5	270.7	286.6	301.9
-80°	102.2	114.9	129.4	143.1	155.1	166.6	177.6	188.3	199.8	212.2	224.8
-82.5°	69.5	78.6	87.9	97.3	105.6	113.4	121.2	129.1	137.1	145.0	152.9
-85°	38.8	42.1	47.6	53.4	58.8	64.0	69.1	74.0	78.6	83.1	87.3
-87.5°	19.4	21.0	22.6	24.1	25.6	27.1	28.4	29.8	31.0	32.2	33.4
-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: P627867 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-730-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°	34.5	34.0	33.4	32.7	31.8	34.0	36.3	38.5	40.7	39.4	38.0
85°	91.3	93.3	95.1	96.6	97.8	102.1	106.3	110.3	113.9	113.8	113.4
82.5°	160.6	165.8	170.2	174.2	177.7	182.8	187.3	191.3	194.6	197.2	199.3
80°	236.7	245.1	252.2	258.8	264.6	271.3	277.6	283.1	288.0	290.6	292.3
77.5°	317.0	329.3	340.2	350.7	360.6	370.4	379.4	387.3	394.3	395.9	395.6
75°	402.1	418.6	434.0	448.4	461.6	472.9	482.5	490.6	497.2	500.5	502.3
72.5°	491.8	512.0	530.2	546.6	560.7	572.4	582.5	591.3	598.7	603.4	606.2
70°	585.3	609.2	627.9	643.3	655.4	667.0	680.1	692.5	704.2	710.7	713.3
67.5°	679.0	703.9	721.0	735.1	746.1	757.6	774.0	788.8	801.9	810.8	816.5
65°	770.8	797.0	814.2	827.6	837.7	849.2	867.6	882.2	893.4	902.3	910.4
62.5°	861.5	887.9	907.0	922.9	937.7	950.3	965.4	977.7	987.3	996.1	1006.0
60°	940.1	971.4	991.4	1007.6	1025.9	1045.6	1056.7	1065.9	1073.9	1081.0	1087.1
57.5°	1004.2	1032.1	1057.9	1077.4	1096.4	1114.6	1127.8	1136.4	1143.5	1148.8	1150.8
55°	1058.0	1086.7	1115.5	1136.6	1155.2	1172.4	1186.8	1198.1	1207.5	1214.8	1216.6
52.5°	1106.1	1138.4	1166.6	1191.0	1215.7	1235.9	1251.7	1267.1	1280.5	1291.3	1296.0
50°	1158.4	1192.3	1227.5	1260.1	1286.4	1309.5	1328.6	1350.4	1373.3	1392.2	1404.1
47.5°	1213.5	1252.6	1295.1	1335.2	1366.3	1400.5	1432.3	1464.6	1507.2	1542.9	1569.4
45°	1271.1	1321.2	1369.7	1420.7	1463.7	1528.2	1588.0	1639.3	1707.6	1769.5	1818.7
42.5°	1339.1	1401.5	1461.0	1542.8	1628.4	1716.4	1811.5	1892.5	1999.3	2107.9	2195.6
40°	1419.6	1499.4	1604.3	1714.1	1849.3	1970.2	2134.3	2280.6	2444.3	2651.3	2822.3
37.5°	1516.6	1639.5	1785.5	1938.5	2149.2	2350.4	2621.7	2907.6	3167.0	3565.2	3900.2
35°	1642.6	1814.4	2006.6	2277.4	2575.6	2952.8	3376.0	3928.2	4401.7	5073.3	5715.2
32.5°	1804.9	2025.8	2339.6	2757.7	3198.5	3883.3	4554.8	5513.6	6401.4	7466.0	8614.9
30°	1985.6	2321.7	2801.2	3374.6	4196.8	5204.4	6388.2	7860.7	9472.1	10968.4	12442.8
27.5°	2247.4	2729.0	3359.0	4284.2	5565.6	6975.3	9049.2	11048.1	13133.5	14987.3	16533.4
25°	2553.1	3189.6	4163.6	5526.0	7259.1	9672.8	12155.5	14622.5	16865.2	18806.0	20514.3
22.5°	2947.8	3863.1	5161.7	6926.4	9625.1	12518.2	15429.4	18150.5	20542.9	22704.0	24553.2
20°	3377.1	4522.5	6377.0	9008.5	12094.6	15390.6	18677.8	21576.4	24210.5	26660.9	28745.1
17.5°	3921.3	5525.4	7873.8	11030.5	14598.6	18209.8	21663.2	24808.7	27797.3	30390.2	32567.8
15°	4385.0	6408.6	9473.5	13175.7	17035.1	20844.5	24490.3	27907.1	31014.2	33674.6	35721.7
12.5°	5003.6	7398.4	10893.8	15019.9	19202.2	23210.5	27050.7	30582.1	33744.1	36375.2	37968.9
10°	5588.2	8423.1	12266.5	16569.6	20914.6	25185.3	29285.6	32907.3	35843.1	37936.2	39294.3
7.5°	6085.4	9303.8	13383.2	17822.1	22275.1	26740.2	30890.7	34414.6	37121.5	38869.5	39814.9
5°	6456.6	9962.2	14212.1	18840.0	23409.4	27952.8	32070.9	35379.0	37718.6	39017.1	39491.8
2.5°	6693.1	10348.8	14693.2	19507.7	24168.5	28720.1	32880.4	36136.7	38121.6	38982.3	39064.1
0°	6787.6	10398.8	14767.3	19858.0	24359.8	28938.6	33110.8	36448.5	38271.6	38979.8	38965.8
-2.5°	6693.1	10348.8	14693.2	19507.7	24168.5	28720.1	32880.4	36136.7	38121.6	38982.3	39064.1
-5°	6456.6	9962.2	14212.1	18840.0	23409.4	27952.8	32070.9	35379.0	37718.6	39017.1	39491.8
-7.5°	6085.4	9303.8	13383.2	17822.1	22275.1	26740.2	30890.7	34414.6	37121.5	38869.5	39814.9
-10°	5588.2	8423.1	12266.5	16569.6	20914.6	25185.3	29285.6	32907.3	35843.1	37936.2	39294.3
-12.5°	5003.6	7398.4	10893.8	15019.9	19202.2	23210.5	27050.7	30582.1	33744.1	36375.2	37968.9
-15°	4385.0	6408.6	9473.5	13175.7	17035.1	20844.5	24490.3	27907.1	31014.2	33674.6	35721.7
-17.5°	3921.3	5525.4	7873.8	11030.5	14598.6	18209.8	21663.2	24808.7	27797.3	30390.2	32567.8
-20°	3377.1	4522.5	6377.0	9008.5	12094.6	15390.6	18677.8	21576.4	24210.5	26660.9	28745.1



REPORT NUMBER: P627867 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-730-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2947.8	3863.1	5161.7	6926.4	9625.1	12518.2	15429.4	18150.5	20542.9	22704.0	24553.2
-25°	2553.1	3189.6	4163.6	5526.0	7259.1	9672.8	12155.5	14622.5	16865.2	18806.0	20514.3
-27.5°	2247.4	2729.0	3359.0	4284.2	5565.6	6975.3	9049.2	11048.1	13133.5	14987.3	16533.4
-30°	1985.6	2321.7	2801.2	3374.6	4196.8	5204.4	6388.2	7860.7	9472.1	10968.4	12442.8
-32.5°	1804.9	2025.8	2339.6	2757.7	3198.5	3883.3	4554.8	5513.6	6401.4	7466.0	8614.9
-35°	1642.6	1814.4	2006.6	2277.4	2575.6	2952.8	3376.0	3928.2	4401.7	5073.3	5715.2
-37.5°	1516.6	1639.5	1785.5	1938.5	2149.2	2350.4	2621.7	2907.6	3167.0	3565.2	3900.2
-40°	1419.6	1499.4	1604.3	1714.1	1849.3	1970.2	2134.3	2280.6	2444.3	2651.3	2822.3
-42.5°	1339.1	1401.5	1461.0	1542.8	1628.4	1716.4	1811.5	1892.5	1999.3	2107.9	2195.6
-45°	1271.1	1321.2	1369.7	1420.7	1463.7	1528.2	1588.0	1639.3	1707.6	1769.5	1818.7
-47.5°	1213.5	1252.6	1295.1	1335.2	1366.3	1400.5	1432.3	1464.6	1507.2	1542.9	1569.4
-50°	1158.4	1192.3	1227.5	1260.1	1286.4	1309.5	1328.6	1350.4	1373.3	1392.2	1404.1
-52.5°	1106.1	1138.4	1166.6	1191.0	1215.7	1235.9	1251.7	1267.1	1280.5	1291.3	1296.0
-55°	1058.0	1086.7	1115.5	1136.6	1155.2	1172.4	1186.8	1198.1	1207.5	1214.8	1216.6
-57.5°	1004.2	1032.1	1057.9	1077.4	1096.4	1114.6	1127.8	1136.4	1143.5	1148.8	1150.8
-60°	940.1	971.4	991.4	1007.6	1025.9	1045.6	1056.7	1065.9	1073.9	1081.0	1087.1
-62.5°	861.5	887.9	907.0	922.9	937.7	950.3	965.4	977.7	987.3	996.1	1006.0
-65°	770.8	797.0	814.2	827.6	837.7	849.2	867.6	882.2	893.4	902.3	910.4
-67.5°	679.0	703.9	721.0	735.1	746.1	757.6	774.0	788.8	801.9	810.8	816.5
-70°	585.3	609.2	627.9	643.3	655.4	667.0	680.1	692.5	704.2	710.7	713.3
-72.5°	491.8	512.0	530.2	546.6	560.7	572.4	582.5	591.3	598.7	603.4	606.2
-75°	402.1	418.6	434.0	448.4	461.6	472.9	482.5	490.6	497.2	500.5	502.3
-77.5°	317.0	329.3	340.2	350.7	360.6	370.4	379.4	387.3	394.3	395.9	395.6
-80°	236.7	245.1	252.2	258.8	264.6	271.3	277.6	283.1	288.0	290.6	292.3
-82.5°	160.6	165.8	170.2	174.2	177.7	182.8	187.3	191.3	194.6	197.2	199.3
-85°	91.3	93.3	95.1	96.6	97.8	102.1	106.3	110.3	113.9	113.8	113.4
-87.5°	34.5	34.0	33.4	32.7	31.8	34.0	36.3	38.5	40.7	39.4	38.0
-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: P627867 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-730-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°	36.5	35.0	35.1	35.1	35.1	35.0	36.5	38.0	39.4	40.7	38.5
85°	112.6	111.6	108.6	105.2	108.6	111.6	112.6	113.4	113.8	113.9	110.3
82.5°	201.0	202.3	199.6	196.3	199.6	202.3	201.0	199.3	197.2	194.6	191.3
80°	293.1	293.2	290.7	287.5	290.7	293.2	293.1	292.3	290.6	288.0	283.1
77.5°	393.9	391.1	392.2	392.7	392.2	391.1	393.9	395.6	395.9	394.3	387.3
75°	503.0	502.5	500.9	497.9	500.9	502.5	503.0	502.3	500.5	497.2	490.6
72.5°	607.5	607.5	605.9	603.0	605.9	607.5	607.5	606.2	603.4	598.7	591.3
70°	713.8	712.5	714.3	715.2	714.3	712.5	713.8	713.3	710.7	704.2	692.5
67.5°	820.8	823.7	823.2	820.4	823.2	823.7	820.8	816.5	810.8	801.9	788.8
65°	916.8	921.6	924.6	925.6	924.6	921.6	916.8	910.4	902.3	893.4	882.2
62.5°	1013.8	1019.3	1019.6	1016.7	1019.6	1019.3	1013.8	1006.0	996.1	987.3	977.7
60°	1090.5	1091.4	1090.1	1086.9	1090.1	1091.4	1090.5	1087.1	1081.0	1073.9	1065.9
57.5°	1150.8	1148.8	1146.4	1143.0	1146.4	1148.8	1150.8	1150.8	1148.8	1143.5	1136.4
55°	1215.6	1212.3	1209.4	1206.1	1209.4	1212.3	1215.6	1216.6	1214.8	1207.5	1198.1
52.5°	1297.0	1295.2	1293.2	1290.2	1293.2	1295.2	1297.0	1296.0	1291.3	1280.5	1267.1
50°	1410.2	1411.9	1411.8	1409.4	1411.8	1411.9	1410.2	1404.1	1392.2	1373.3	1350.4
47.5°	1586.2	1595.6	1602.0	1605.8	1602.0	1595.6	1586.2	1569.4	1542.9	1507.2	1464.6
45°	1850.2	1868.9	1882.1	1893.2	1882.1	1868.9	1850.2	1818.7	1769.5	1707.6	1639.3
42.5°	2257.3	2299.2	2319.0	2314.0	2319.0	2299.2	2257.3	2195.6	2107.9	1999.3	1892.5
40°	2936.3	3003.9	3041.4	3071.3	3041.4	3003.9	2936.3	2822.3	2651.3	2444.3	2280.6
37.5°	4128.9	4260.2	4329.4	4389.5	4329.4	4260.2	4128.9	3900.2	3565.2	3167.0	2907.6
35°	6194.8	6490.2	6648.4	6703.5	6648.4	6490.2	6194.8	5715.2	5073.3	4401.7	3928.2
32.5°	9508.9	10053.9	10355.3	10588.2	10355.3	10053.9	9508.9	8614.9	7466.0	6401.4	5513.6
30°	13610.4	14328.3	14726.9	14921.6	14726.9	14328.3	13610.4	12442.8	10968.4	9472.1	7860.7
27.5°	17814.9	18631.0	19060.9	19037.6	19060.9	18631.0	17814.9	16533.4	14987.3	13133.5	11048.1
25°	21978.8	22924.0	23352.3	23735.7	23352.3	22924.0	21978.8	20514.3	18806.0	16865.2	14622.5
22.5°	26190.1	27295.4	27898.5	28181.3	27898.5	27295.4	26190.1	24553.2	22704.0	20542.9	18150.5
20°	30351.3	31581.6	32222.0	32500.7	32222.0	31581.6	30351.3	28745.1	26660.9	24210.5	21576.4
17.5°	34041.8	35242.9	35853.2	36111.9	35853.2	35242.9	34041.8	32567.8	30390.2	27797.3	24808.7
15°	36988.6	37874.6	38393.6	38531.1	38393.6	37874.6	36988.6	35721.7	33674.6	31014.2	27907.1
12.5°	39025.6	39368.8	39618.4	39695.1	39618.4	39368.8	39025.6	37968.9	36375.2	33744.1	30582.1
10°	40067.0	39912.2	39848.2	39856.3	39848.2	39912.2	40067.0	39294.3	37936.2	35843.1	32907.3
7.5°	39995.4	39766.1	39305.6	39232.3	39305.6	39766.1	39995.4	39814.9	38869.5	37121.5	34414.6
5°	39420.8	39003.3	38238.9	38019.2	38238.9	39003.3	39420.8	39491.8	39017.1	37718.6	35379.0
2.5°	38751.1	37998.5	37294.3	36841.2	37294.3	37998.5	38751.1	39064.1	38982.3	38121.6	36136.7
0°	38552.1	37682.6	36771.0	36476.5	36771.0	37682.6	38552.1	38965.8	38979.8	38271.6	36448.5
-2.5°	38751.1	37998.5	37294.3	36841.2	37294.3	37998.5	38751.1	39064.1	38982.3	38121.6	36136.7
-5°	39420.8	39003.3	38238.9	38019.2	38238.9	39003.3	39420.8	39491.8	39017.1	37718.6	35379.0
-7.5°	39995.4	39766.1	39305.6	39232.3	39305.6	39766.1	39995.4	39814.9	38869.5	37121.5	34414.6
-10°	40067.0	39912.2	39848.2	39856.3	39848.2	39912.2	40067.0	39294.3	37936.2	35843.1	32907.3
-12.5°	39025.6	39368.8	39618.4	39695.1	39618.4	39368.8	39025.6	37968.9	36375.2	33744.1	30582.1
-15°	36988.6	37874.6	38393.6	38531.1	38393.6	37874.6	36988.6	35721.7	33674.6	31014.2	27907.1
-17.5°	34041.8	35242.9	35853.2	36111.9	35853.2	35242.9	34041.8	32567.8	30390.2	27797.3	24808.7
-20°	30351.3	31581.6	32222.0	32500.7	32222.0	31581.6	30351.3	28745.1	26660.9	24210.5	21576.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627867 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-730-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°	26190.1	27295.4	27898.5	28181.3	27898.5	27295.4	26190.1	24553.2	22704.0	20542.9	18150.5
-25°	21978.8	22924.0	23352.3	23735.7	23352.3	22924.0	21978.8	20514.3	18806.0	16865.2	14622.5
-27.5°	17814.9	18631.0	19060.9	19037.6	19060.9	18631.0	17814.9	16533.4	14987.3	13133.5	11048.1
-30°	13610.4	14328.3	14726.9	14921.6	14726.9	14328.3	13610.4	12442.8	10968.4	9472.1	7860.7
-32.5°	9508.9	10053.9	10355.3	10588.2	10355.3	10053.9	9508.9	8614.9	7466.0	6401.4	5513.6
-35°	6194.8	6490.2	6648.4	6703.5	6648.4	6490.2	6194.8	5715.2	5073.3	4401.7	3928.2
-37.5°	4128.9	4260.2	4329.4	4389.5	4329.4	4260.2	4128.9	3900.2	3565.2	3167.0	2907.6
-40°	2936.3	3003.9	3041.4	3071.3	3041.4	3003.9	2936.3	2822.3	2651.3	2444.3	2280.6
-42.5°	2257.3	2299.2	2319.0	2314.0	2319.0	2299.2	2257.3	2195.6	2107.9	1999.3	1892.5
-45°	1850.2	1868.9	1882.1	1893.2	1882.1	1868.9	1850.2	1818.7	1769.5	1707.6	1639.3
-47.5°	1586.2	1595.6	1602.0	1605.8	1602.0	1595.6	1586.2	1569.4	1542.9	1507.2	1464.6
-50°	1410.2	1411.9	1411.8	1409.4	1411.8	1411.9	1410.2	1404.1	1392.2	1373.3	1350.4
-52.5°	1297.0	1295.2	1293.2	1290.2	1293.2	1295.2	1297.0	1296.0	1291.3	1280.5	1267.1
-55°	1215.6	1212.3	1209.4	1206.1	1209.4	1212.3	1215.6	1216.6	1214.8	1207.5	1198.1
-57.5°	1150.8	1148.8	1146.4	1143.0	1146.4	1148.8	1150.8	1150.8	1148.8	1143.5	1136.4
-60°	1090.5	1091.4	1090.1	1086.9	1090.1	1091.4	1090.5	1087.1	1081.0	1073.9	1065.9
-62.5°	1013.8	1019.3	1019.6	1016.7	1019.6	1019.3	1013.8	1006.0	996.1	987.3	977.7
-65°	916.8	921.6	924.6	925.6	924.6	921.6	916.8	910.4	902.3	893.4	882.2
-67.5°	820.8	823.7	823.2	820.4	823.2	823.7	820.8	816.5	810.8	801.9	788.8
-70°	713.8	712.5	714.3	715.2	714.3	712.5	713.8	713.3	710.7	704.2	692.5
-72.5°	607.5	607.5	605.9	603.0	605.9	607.5	607.5	606.2	603.4	598.7	591.3
-75°	503.0	502.5	500.9	497.9	500.9	502.5	503.0	502.3	500.5	497.2	490.6
-77.5°	393.9	391.1	392.2	392.7	392.2	391.1	393.9	395.6	395.9	394.3	387.3
-80°	293.1	293.2	290.7	287.5	290.7	293.2	293.1	292.3	290.6	288.0	283.1
-82.5°	201.0	202.3	199.6	196.3	199.6	202.3	201.0	199.3	197.2	194.6	191.3
-85°	112.6	111.6	108.6	105.2	108.6	111.6	112.6	113.4	113.8	113.9	110.3
-87.5°	36.5	35.0	35.1	35.1	35.1	35.0	36.5	38.0	39.4	40.7	38.5
-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: P627867 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-730-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°	36.3	34.0	31.8	32.7	33.4	34.0	34.5	33.4	32.2	31.0	29.8
85°	106.3	102.1	97.8	96.6	95.1	93.3	91.3	87.3	83.1	78.6	74.0
82.5°	187.3	182.8	177.7	174.2	170.2	165.8	160.6	152.9	145.0	137.1	129.1
80°	277.6	271.3	264.6	258.8	252.2	245.1	236.7	224.8	212.2	199.8	188.3
77.5°	379.4	370.4	360.6	350.7	340.2	329.3	317.0	301.9	286.6	270.7	254.5
75°	482.5	472.9	461.6	448.4	434.0	418.6	402.1	383.9	364.7	344.7	324.4
72.5°	582.5	572.4	560.7	546.6	530.2	512.0	491.8	469.5	446.0	421.4	397.3
70°	680.1	667.0	655.4	643.3	627.9	609.2	585.3	558.4	530.2	501.7	473.8
67.5°	774.0	757.6	746.1	735.1	721.0	703.9	679.0	650.1	618.4	585.3	552.3
65°	867.6	849.2	837.7	827.6	814.2	797.0	770.8	741.4	708.1	671.0	632.7
62.5°	965.4	950.3	937.7	922.9	907.0	887.9	861.5	830.7	797.0	758.2	713.7
60°	1056.7	1045.6	1025.9	1007.6	991.4	971.4	940.1	910.5	883.0	838.4	790.5
57.5°	1127.8	1114.6	1096.4	1077.4	1057.9	1032.1	1004.2	976.2	944.3	906.7	862.2
55°	1186.8	1172.4	1155.2	1136.6	1115.5	1086.7	1058.0	1028.1	997.3	965.9	922.5
52.5°	1251.7	1235.9	1215.7	1191.0	1166.6	1138.4	1106.1	1074.3	1045.6	1013.5	977.9
50°	1328.6	1309.5	1286.4	1260.1	1227.5	1192.3	1158.4	1121.3	1091.2	1060.0	1023.7
47.5°	1432.3	1400.5	1366.3	1335.2	1295.1	1252.6	1213.5	1175.3	1139.6	1105.9	1068.9
45°	1588.0	1528.2	1463.7	1420.7	1369.7	1321.2	1271.1	1228.1	1187.2	1149.2	1114.5
42.5°	1811.5	1716.4	1628.4	1542.8	1461.0	1401.5	1339.1	1285.7	1236.3	1191.2	1150.5
40°	2134.3	1970.2	1849.3	1714.1	1604.3	1499.4	1419.6	1347.0	1289.8	1236.3	1186.8
37.5°	2621.7	2350.4	2149.2	1938.5	1785.5	1639.5	1516.6	1422.0	1344.3	1282.3	1224.8
35°	3376.0	2952.8	2575.6	2277.4	2006.6	1814.4	1642.6	1510.1	1410.5	1329.5	1262.4
32.5°	4554.8	3883.3	3198.5	2757.7	2339.6	2025.8	1804.9	1622.4	1481.5	1385.1	1304.4
30°	6388.2	5204.4	4196.8	3374.6	2801.2	2321.7	1985.6	1762.4	1582.2	1441.3	1346.9
27.5°	9049.2	6975.3	5565.6	4284.2	3359.0	2729.0	2247.4	1912.2	1688.1	1520.0	1395.8
25°	12155.5	9672.8	7259.1	5526.0	4163.6	3189.6	2553.1	2122.0	1819.2	1602.1	1438.7
22.5°	15429.4	12518.2	9625.1	6926.4	5161.7	3863.1	2947.8	2333.6	1943.0	1689.5	1501.2
20°	18677.8	15390.6	12094.6	9008.5	6377.0	4522.5	3377.1	2614.4	2115.8	1787.6	1560.4
17.5°	21663.2	18209.8	14598.6	11030.5	7873.8	5525.4	3921.3	2898.3	2266.5	1874.7	1611.7
15°	24490.3	20844.5	17035.1	13175.7	9473.5	6408.6	4385.0	3145.6	2423.3	1975.8	1678.8
12.5°	27050.7	23210.5	19202.2	15019.9	10893.8	7398.4	5003.6	3510.2	2615.9	2080.8	1742.0
10°	29285.6	25185.3	20914.6	16569.6	12266.5	8423.1	5588.2	3821.1	2782.8	2167.8	1793.7
7.5°	30890.7	26740.2	22275.1	17822.1	13383.2	9303.8	6085.4	4067.2	2913.8	2234.5	1833.5
5°	32070.9	27952.8	23409.4	18840.0	14212.1	9962.2	6456.6	4240.4	3007.4	2280.6	1861.1
2.5°	32880.4	28720.1	24168.5	19507.7	14693.2	10348.8	6693.1	4333.4	3051.8	2316.8	1876.4
0°	33110.8	28938.6	24359.8	19858.0	14767.3	10398.8	6787.6	4347.5	3050.2	2335.0	1879.2
-2.5°	32880.4	28720.1	24168.5	19507.7	14693.2	10348.8	6693.1	4333.4	3051.8	2316.8	1876.4
-5°	32070.9	27952.8	23409.4	18840.0	14212.1	9962.2	6456.6	4240.4	3007.4	2280.6	1861.1
-7.5°	30890.7	26740.2	22275.1	17822.1	13383.2	9303.8	6085.4	4067.2	2913.8	2234.5	1833.5
-10°	29285.6	25185.3	20914.6	16569.6	12266.5	8423.1	5588.2	3821.1	2782.8	2167.8	1793.7
-12.5°	27050.7	23210.5	19202.2	15019.9	10893.8	7398.4	5003.6	3510.2	2615.9	2080.8	1742.0
-15°	24490.3	20844.5	17035.1	13175.7	9473.5	6408.6	4385.0	3145.6	2423.3	1975.8	1678.8
-17.5°	21663.2	18209.8	14598.6	11030.5	7873.8	5525.4	3921.3	2898.3	2266.5	1874.7	1611.7
-20°	18677.8	15390.6	12094.6	9008.5	6377.0	4522.5	3377.1	2614.4	2115.8	1787.6	1560.4



REPORT NUMBER: P627867 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA6C-730-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	15429.4	12518.2	9625.1	6926.4	5161.7	3863.1	2947.8	2333.6	1943.0	1689.5	1501.2
-25°	12155.5	9672.8	7259.1	5526.0	4163.6	3189.6	2553.1	2122.0	1819.2	1602.1	1438.7
-27.5°	9049.2	6975.3	5565.6	4284.2	3359.0	2729.0	2247.4	1912.2	1688.1	1520.0	1395.8
-30°	6388.2	5204.4	4196.8	3374.6	2801.2	2321.7	1985.6	1762.4	1582.2	1441.3	1346.9
-32.5°	4554.8	3883.3	3198.5	2757.7	2339.6	2025.8	1804.9	1622.4	1481.5	1385.1	1304.4
-35°	3376.0	2952.8	2575.6	2277.4	2006.6	1814.4	1642.6	1510.1	1410.5	1329.5	1262.4
-37.5°	2621.7	2350.4	2149.2	1938.5	1785.5	1639.5	1516.6	1422.0	1344.3	1282.3	1224.8
-40°	2134.3	1970.2	1849.3	1714.1	1604.3	1499.4	1419.6	1347.0	1289.8	1236.3	1186.8
-42.5°	1811.5	1716.4	1628.4	1542.8	1461.0	1401.5	1339.1	1285.7	1236.3	1191.2	1150.5
-45°	1588.0	1528.2	1463.7	1420.7	1369.7	1321.2	1271.1	1228.1	1187.2	1149.2	1114.5
-47.5°	1432.3	1400.5	1366.3	1335.2	1295.1	1252.6	1213.5	1175.3	1139.6	1105.9	1068.9
-50°	1328.6	1309.5	1286.4	1260.1	1227.5	1192.3	1158.4	1121.3	1091.2	1060.0	1023.7
-52.5°	1251.7	1235.9	1215.7	1191.0	1166.6	1138.4	1106.1	1074.3	1045.6	1013.5	977.9
-55°	1186.8	1172.4	1155.2	1136.6	1115.5	1086.7	1058.0	1028.1	997.3	965.9	922.5
-57.5°	1127.8	1114.6	1096.4	1077.4	1057.9	1032.1	1004.2	976.2	944.3	906.7	862.2
-60°	1056.7	1045.6	1025.9	1007.6	991.4	971.4	940.1	910.5	883.0	838.4	790.5
-62.5°	965.4	950.3	937.7	922.9	907.0	887.9	861.5	830.7	797.0	758.2	713.7
-65°	867.6	849.2	837.7	827.6	814.2	797.0	770.8	741.4	708.1	671.0	632.7
-67.5°	774.0	757.6	746.1	735.1	721.0	703.9	679.0	650.1	618.4	585.3	552.3
-70°	680.1	667.0	655.4	643.3	627.9	609.2	585.3	558.4	530.2	501.7	473.8
-72.5°	582.5	572.4	560.7	546.6	530.2	512.0	491.8	469.5	446.0	421.4	397.3
-75°	482.5	472.9	461.6	448.4	434.0	418.6	402.1	383.9	364.7	344.7	324.4
-77.5°	379.4	370.4	360.6	350.7	340.2	329.3	317.0	301.9	286.6	270.7	254.5
-80°	277.6	271.3	264.6	258.8	252.2	245.1	236.7	224.8	212.2	199.8	188.3
-82.5°	187.3	182.8	177.7	174.2	170.2	165.8	160.6	152.9	145.0	137.1	129.1
-85°	106.3	102.1	97.8	96.6	95.1	93.3	91.3	87.3	83.1	78.6	74.0
-87.5°	36.3	34.0	31.8	32.7	33.4	34.0	34.5	33.4	32.2	31.0	29.8
-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: P627867 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-730-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°	28.4	27.1	25.6	24.1	22.6	21.0	19.4	17.8	15.4	13.2	11.1
85°	69.1	64.0	58.8	53.4	47.6	42.1	38.8	35.5	30.8	26.3	22.1
82.5°	121.2	113.4	105.6	97.3	87.9	78.6	69.5	60.6	50.7	40.2	33.1
80°	177.6	166.6	155.1	143.1	129.4	114.9	102.2	89.9	77.9	65.1	51.6
77.5°	239.0	222.8	206.1	190.8	174.9	158.0	140.0	121.2	105.0	89.9	73.8
75°	304.5	284.9	264.8	244.0	222.7	201.0	180.4	158.8	137.1	115.1	96.0
72.5°	373.9	349.7	324.6	298.8	273.9	248.4	222.2	196.1	170.8	145.1	119.1
70°	445.3	415.7	386.4	357.4	327.0	295.5	265.6	234.8	204.1	174.8	145.1
67.5°	518.1	484.8	450.3	416.1	382.4	346.9	309.4	273.4	238.4	204.1	170.8
65°	594.7	555.3	514.8	476.0	437.4	398.6	357.6	312.8	272.1	233.6	196.1
62.5°	670.0	626.9	581.5	535.3	491.4	448.4	404.9	355.1	305.9	262.5	220.9
60°	743.1	694.8	645.9	594.8	544.7	496.7	448.4	396.2	342.6	290.5	245.2
57.5°	810.1	759.3	704.7	650.9	597.0	543.8	490.4	435.0	378.2	321.1	268.9
55°	872.9	817.7	760.7	702.5	646.0	589.3	531.3	472.3	412.5	351.5	292.0
52.5°	931.9	874.2	813.7	752.0	690.7	632.2	571.1	508.5	445.1	380.8	317.4
50°	983.4	929.2	865.2	800.0	733.6	671.8	609.7	543.5	476.6	408.9	342.2
47.5°	1026.8	977.0	915.1	846.5	776.7	710.6	645.8	577.3	507.0	435.9	366.0
45°	1069.2	1021.2	961.3	891.2	819.2	749.4	680.6	609.9	536.2	462.0	388.7
42.5°	1108.9	1060.9	1005.0	934.2	859.8	786.6	714.3	640.6	564.2	486.8	410.4
40°	1142.7	1095.7	1046.2	975.6	898.2	821.8	746.4	670.2	590.9	510.4	430.8
37.5°	1175.6	1127.5	1076.5	1014.5	934.1	854.8	776.6	698.6	616.7	533.2	450.1
35°	1207.5	1157.7	1103.6	1044.7	967.5	885.5	804.7	725.2	640.9	554.9	468.1
32.5°	1236.0	1184.8	1128.6	1069.1	998.3	914.0	830.8	748.5	663.3	575.6	484.8
30°	1269.9	1207.6	1151.2	1093.2	1024.6	940.0	854.9	770.3	684.0	595.0	500.5
27.5°	1302.4	1229.5	1171.3	1113.1	1045.3	963.6	877.2	790.4	702.9	612.7	516.1
25°	1333.7	1254.5	1190.0	1129.9	1065.1	986.2	897.7	808.8	719.6	628.1	530.4
22.5°	1369.8	1277.4	1207.5	1144.4	1084.1	1006.6	916.2	825.5	734.5	642.0	543.6
20°	1402.0	1296.3	1223.7	1158.1	1098.3	1022.0	932.8	840.4	747.8	654.2	555.4
17.5°	1433.3	1317.8	1239.5	1171.3	1108.9	1035.5	947.3	853.4	759.4	664.8	565.9
15°	1476.8	1342.4	1253.2	1182.5	1117.9	1047.0	959.7	864.6	769.3	673.8	575.4
12.5°	1514.1	1362.9	1264.5	1191.7	1125.3	1056.6	970.0	873.8	777.5	681.8	583.8
10°	1544.4	1379.4	1273.3	1198.8	1130.9	1064.0	978.2	881.6	785.3	688.8	590.7
7.5°	1567.4	1391.6	1279.6	1203.8	1134.8	1069.5	985.7	888.5	791.4	694.2	596.1
5°	1583.0	1399.6	1284.9	1206.7	1136.9	1072.8	991.2	893.5	795.9	698.1	599.9
2.5°	1591.1	1403.2	1288.8	1207.5	1137.3	1073.9	994.6	896.5	798.5	700.4	602.2
0°	1591.7	1402.4	1290.2	1206.1	1135.9	1072.8	995.7	897.5	799.4	701.2	603.0
-2.5°	1591.1	1403.2	1288.8	1207.5	1137.3	1073.9	994.6	896.5	798.5	700.4	602.2
-5°	1583.0	1399.6	1284.9	1206.7	1136.9	1072.8	991.2	893.5	795.9	698.1	599.9
-7.5°	1567.4	1391.6	1279.6	1203.8	1134.8	1069.5	985.7	888.5	791.4	694.2	596.1
-10°	1544.4	1379.4	1273.3	1198.8	1130.9	1064.0	978.2	881.6	785.3	688.8	590.7
-12.5°	1514.1	1362.9	1264.5	1191.7	1125.3	1056.6	970.0	873.8	777.5	681.8	583.8
-15°	1476.8	1342.4	1253.2	1182.5	1117.9	1047.0	959.7	864.6	769.3	673.8	575.4
-17.5°	1433.3	1317.8	1239.5	1171.3	1108.9	1035.5	947.3	853.4	759.4	664.8	565.9
-20°	1402.0	1296.3	1223.7	1158.1	1098.3	1022.0	932.8	840.4	747.8	654.2	555.4

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

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REPORT NUMBER: P627867 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-730-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°	1369.8	1277.4	1207.5	1144.4	1084.1	1006.6	916.2	825.5	734.5	642.0	543.6
-25°	1333.7	1254.5	1190.0	1129.9	1065.1	986.2	897.7	808.8	719.6	628.1	530.4
-27.5°	1302.4	1229.5	1171.3	1113.1	1045.3	963.6	877.2	790.4	702.9	612.7	516.1
-30°	1269.9	1207.6	1151.2	1093.2	1024.6	940.0	854.9	770.3	684.0	595.0	500.5
-32.5°	1236.0	1184.8	1128.6	1069.1	998.3	914.0	830.8	748.5	663.3	575.6	484.8
-35°	1207.5	1157.7	1103.6	1044.7	967.5	885.5	804.7	725.2	640.9	554.9	468.1
-37.5°	1175.6	1127.5	1076.5	1014.5	934.1	854.8	776.6	698.6	616.7	533.2	450.1
-40°	1142.7	1095.7	1046.2	975.6	898.2	821.8	746.4	670.2	590.9	510.4	430.8
-42.5°	1108.9	1060.9	1005.0	934.2	859.8	786.6	714.3	640.6	564.2	486.8	410.4
-45°	1069.2	1021.2	961.3	891.2	819.2	749.4	680.6	609.9	536.2	462.0	388.7
-47.5°	1026.8	977.0	915.1	846.5	776.7	710.6	645.8	577.3	507.0	435.9	366.0
-50°	983.4	929.2	865.2	800.0	733.6	671.8	609.7	543.5	476.6	408.9	342.2
-52.5°	931.9	874.2	813.7	752.0	690.7	632.2	571.1	508.5	445.1	380.8	317.4
-55°	872.9	817.7	760.7	702.5	646.0	589.3	531.3	472.3	412.5	351.5	292.0
-57.5°	810.1	759.3	704.7	650.9	597.0	543.8	490.4	435.0	378.2	321.1	268.9
-60°	743.1	694.8	645.9	594.8	544.7	496.7	448.4	396.2	342.6	290.5	245.2
-62.5°	670.0	626.9	581.5	535.3	491.4	448.4	404.9	355.1	305.9	262.5	220.9
-65°	594.7	555.3	514.8	476.0	437.4	398.6	357.6	312.8	272.1	233.6	196.1
-67.5°	518.1	484.8	450.3	416.1	382.4	346.9	309.4	273.4	238.4	204.1	170.8
-70°	445.3	415.7	386.4	357.4	327.0	295.5	265.6	234.8	204.1	174.8	145.1
-72.5°	373.9	349.7	324.6	298.8	273.9	248.4	222.2	196.1	170.8	145.1	119.1
-75°	304.5	284.9	264.8	244.0	222.7	201.0	180.4	158.8	137.1	115.1	96.0
-77.5°	239.0	222.8	206.1	190.8	174.9	158.0	140.0	121.2	105.0	89.9	73.8
-80°	177.6	166.6	155.1	143.1	129.4	114.9	102.2	89.9	77.9	65.1	51.6
-82.5°	121.2	113.4	105.6	97.3	87.9	78.6	69.5	60.6	50.7	40.2	33.1
-85°	69.1	64.0	58.8	53.4	47.6	42.1	38.8	35.5	30.8	26.3	22.1
-87.5°	28.4	27.1	25.6	24.1	22.6	21.0	19.4	17.8	15.4	13.2	11.1
-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: P627867 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.1	7.6	6.1	4.6	3.1	1.5	0.0
85°	18.1	15.2	12.2	9.2	6.1	3.1	0.0
82.5°	27.2	22.7	18.2	13.7	9.2	4.6	0.0
80°	37.4	30.2	24.3	18.2	12.2	6.1	0.0
77.5°	57.0	40.8	30.2	22.7	15.2	7.6	0.0
75°	76.5	57.0	37.4	27.2	18.1	9.1	0.0
72.5°	95.7	73.1	50.3	31.6	21.1	10.6	0.0
70°	115.0	88.9	63.0	36.9	24.0	12.0	0.0
67.5°	136.9	104.5	75.5	46.3	26.8	13.4	0.0
65°	158.3	121.0	87.8	55.5	29.6	14.8	0.0
62.5°	179.3	138.2	99.8	64.6	32.4	16.2	0.0
60°	199.6	155.0	111.6	73.4	35.1	17.5	0.0
57.5°	220.0	171.3	124.4	82.0	40.7	18.9	0.0
55°	240.1	187.1	136.9	90.4	46.2	20.1	0.0
52.5°	259.6	202.5	149.0	98.6	51.5	21.4	0.0
50°	278.7	218.4	160.6	106.4	56.6	22.6	0.0
47.5°	297.4	233.9	171.8	114.2	61.5	23.7	0.0
45°	316.8	248.8	182.5	122.2	66.1	24.8	0.0
42.5°	335.3	263.2	192.6	129.8	70.5	25.9	0.0
40°	352.8	277.0	202.9	136.8	74.7	26.9	0.0
37.5°	369.3	290.2	213.4	143.4	78.7	27.8	0.0
35°	384.8	303.0	223.3	149.5	82.4	28.7	0.0
32.5°	399.3	315.1	232.7	155.3	85.8	29.6	0.0
30°	412.6	326.4	241.5	160.6	88.9	30.4	0.0
27.5°	424.9	336.7	249.3	165.5	91.8	31.1	0.0
25°	436.0	346.2	256.3	170.0	94.4	31.8	0.0
22.5°	446.0	354.6	262.7	174.0	96.8	32.4	0.0
20°	454.8	361.7	268.4	177.6	98.8	33.0	0.0
17.5°	462.8	368.0	273.4	180.7	100.6	33.5	0.0
15°	470.0	373.3	277.6	183.4	102.1	33.9	0.0
12.5°	476.2	377.7	281.2	185.6	103.3	34.3	0.0
10°	481.3	381.2	283.9	187.3	104.2	34.6	0.0
7.5°	485.4	383.8	286.0	188.5	104.9	34.8	0.0
5°	488.4	385.4	287.2	189.3	105.3	35.0	0.0
2.5°	490.2	386.0	287.7	189.5	105.4	35.1	0.0
0°	490.8	385.7	287.5	189.3	105.2	35.1	0.0
-2.5°	490.2	386.0	287.7	189.5	105.4	35.1	0.0
-5°	488.4	385.4	287.2	189.3	105.3	35.0	0.0
-7.5°	485.4	383.8	286.0	188.5	104.9	34.8	0.0
-10°	481.3	381.2	283.9	187.3	104.2	34.6	0.0
-12.5°	476.2	377.7	281.2	185.6	103.3	34.3	0.0
-15°	470.0	373.3	277.6	183.4	102.1	33.9	0.0
-17.5°	462.8	368.0	273.4	180.7	100.6	33.5	0.0
-20°	454.8	361.7	268.4	177.6	98.8	33.0	0.0

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	446.0	354.6	262.7	174.0	96.8	32.4	0.0
-25°	436.0	346.2	256.3	170.0	94.4	31.8	0.0
-27.5°	424.9	336.7	249.3	165.5	91.8	31.1	0.0
-30°	412.6	326.4	241.5	160.6	88.9	30.4	0.0
-32.5°	399.3	315.1	232.7	155.3	85.8	29.6	0.0
-35°	384.8	303.0	223.3	149.5	82.4	28.7	0.0
-37.5°	369.3	290.2	213.4	143.4	78.7	27.8	0.0
-40°	352.8	277.0	202.9	136.8	74.7	26.9	0.0
-42.5°	335.3	263.2	192.6	129.8	70.5	25.9	0.0
-45°	316.8	248.8	182.5	122.2	66.1	24.8	0.0
-47.5°	297.4	233.9	171.8	114.2	61.5	23.7	0.0
-50°	278.7	218.4	160.6	106.4	56.6	22.6	0.0
-52.5°	259.6	202.5	149.0	98.6	51.5	21.4	0.0
-55°	240.1	187.1	136.9	90.4	46.2	20.1	0.0
-57.5°	220.0	171.3	124.4	82.0	40.7	18.9	0.0
-60°	199.6	155.0	111.6	73.4	35.1	17.5	0.0
-62.5°	179.3	138.2	99.8	64.6	32.4	16.2	0.0
-65°	158.3	121.0	87.8	55.5	29.6	14.8	0.0
-67.5°	136.9	104.5	75.5	46.3	26.8	13.4	0.0
-70°	115.0	88.9	63.0	36.9	24.0	12.0	0.0
-72.5°	95.7	73.1	50.3	31.6	21.1	10.6	0.0
-75°	76.5	57.0	37.4	27.2	18.1	9.1	0.0
-77.5°	57.0	40.8	30.2	22.7	15.2	7.6	0.0
-80°	37.4	30.2	24.3	18.2	12.2	6.1	0.0
-82.5°	27.2	22.7	18.2	13.7	9.2	4.6	0.0
-85°	18.1	15.2	12.2	9.2	6.1	3.1	0.0
-87.5°	9.1	7.6	6.1	4.6	3.1	1.5	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)