

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: P627857 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6C-727-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627857 (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-727-U-MWR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N136
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

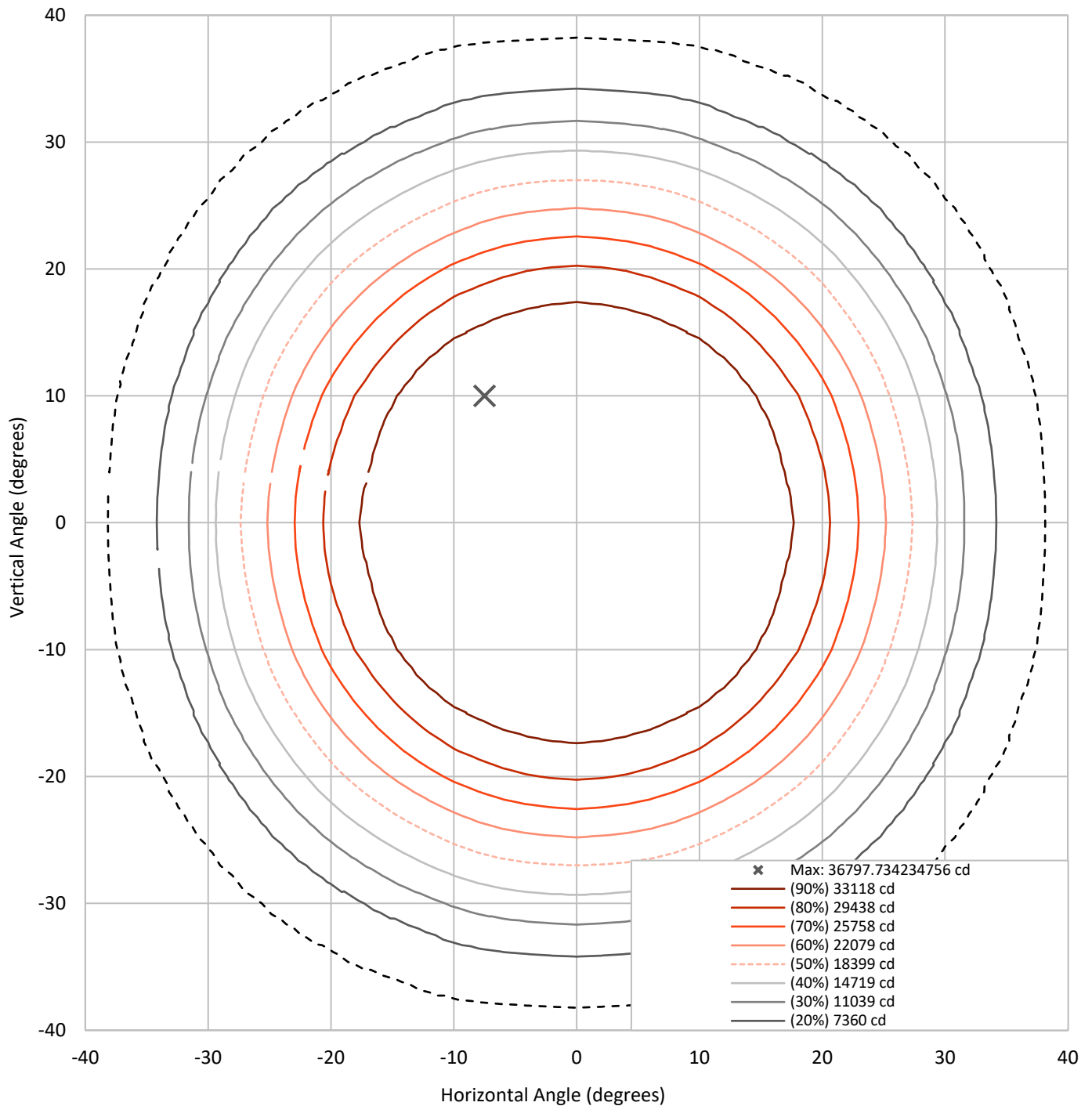
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	31318.4 lumens	Max Intensity:	36797.7 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	126.5 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:	20787.3 lumens	Field Lumens:	27029.4 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





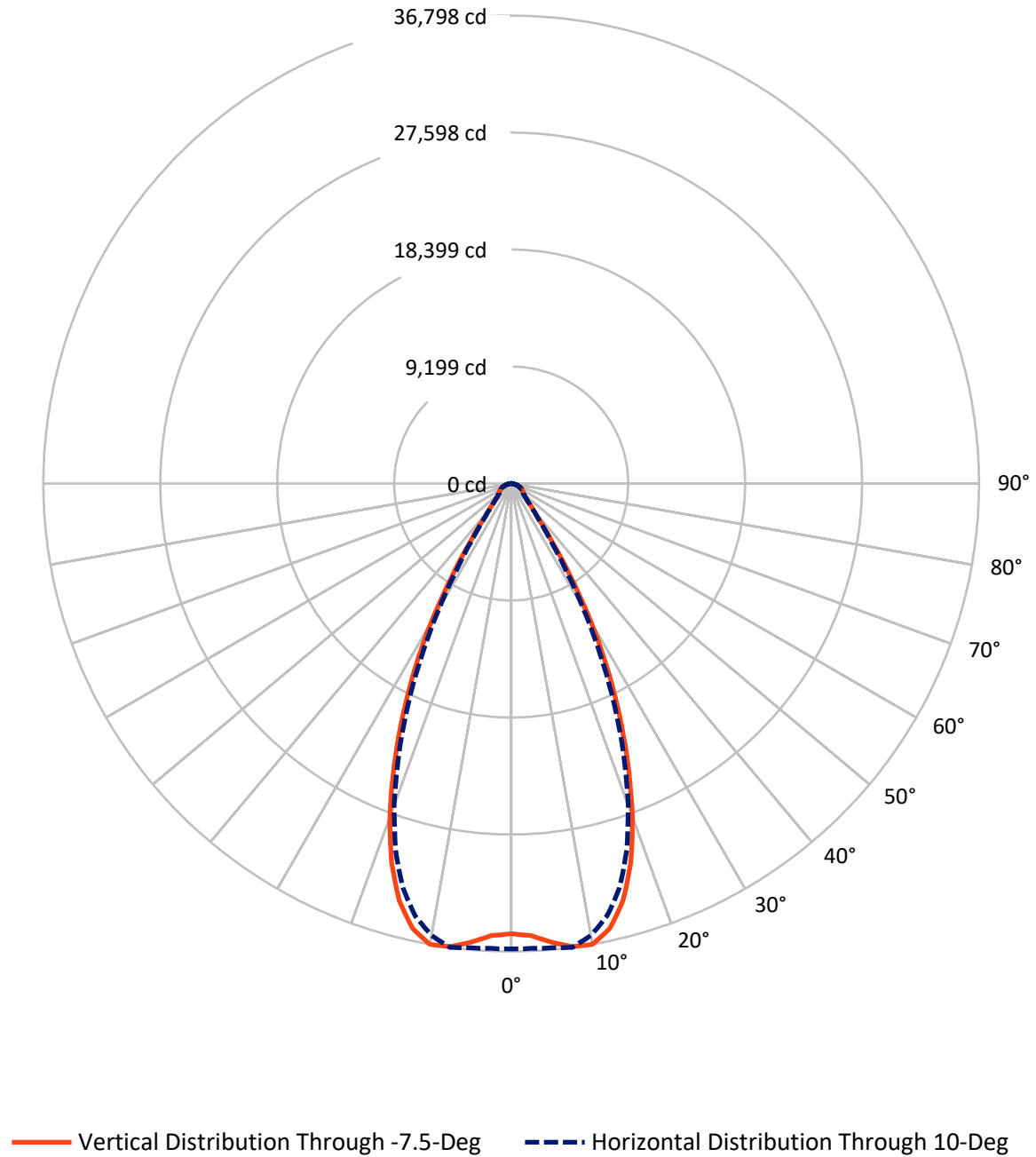
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Lumen Table

90																			
80	0.8	7.3		19.7		31.1		34.7		31.1		19.7		7.3		0.8			
70																			
60	3.3	3.8	7.7	12.5	17.5	21.3	24.1	25.5	25.5	24.1	21.3	17.5	12.5	7.7	3.8	3.3			
50		5.6	11.3	18.1	24.1	29.2	32.7	34.1	34.1	32.7	29.2	24.1	18.1	11.3	5.6				
40	5.9	7.3	14.3	21.9	29.4	38.3	48.1	55.2	55.2	48.1	38.3	29.4	21.9	14.3	7.3	5.9			
30		8.6	16.6	25.2	39.0	71.2	136.2	202.0	202.0	136.2	71.2	39.0	25.2	16.6	8.6				
20	7.6	9.7	18.1	29.4	64.2	201.0	451.1	629.8	629.8	451.1	201.0	64.2	29.4	18.1	9.7	7.6			
10		10.3	19.1	35.0	116.0	428.6	818.5	1024.4	1024.4	818.5	428.6	116.0	35.0	19.1	10.3				
0	8.2	10.6	19.6	39.3	166.9	586.5	993.0	1080.4	1080.4	993.0	586.5	166.9	39.3	19.6	10.6	8.2			
-10		10.6	19.6	39.3	166.9	586.5	993.0	1080.4	1080.4	993.0	586.5	166.9	39.3	19.6	10.6				
-20	7.6	10.3	19.1	35.0	116.0	428.6	818.5	1024.4	1024.4	818.5	428.6	116.0	35.0	19.1	10.3	7.6			
-30		9.7	18.1	29.4	64.2	201.0	451.1	629.8	629.8	451.1	201.0	64.2	29.4	18.1	9.7				
-40	5.9	8.6	16.6	25.2	39.0	71.2	136.2	202.0	202.0	136.2	71.2	39.0	25.2	16.6	8.6	5.9			
-50		7.3	14.3	21.9	29.4	38.3	48.1	55.2	55.2	48.1	38.3	29.4	21.9	14.3	7.3				
-60	3.3	5.6	11.3	18.1	24.1	29.2	32.7	34.1	34.1	32.7	29.2	24.1	18.1	11.3	5.6	3.3			
-70		3.8	7.7	12.5	17.5	21.3	24.1	25.5	25.5	24.1	21.3	17.5	12.5	7.7	3.8				
-80																			
-90	0.8	7.3		19.7		31.1		34.7		31.1		19.7		7.3		0.8			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

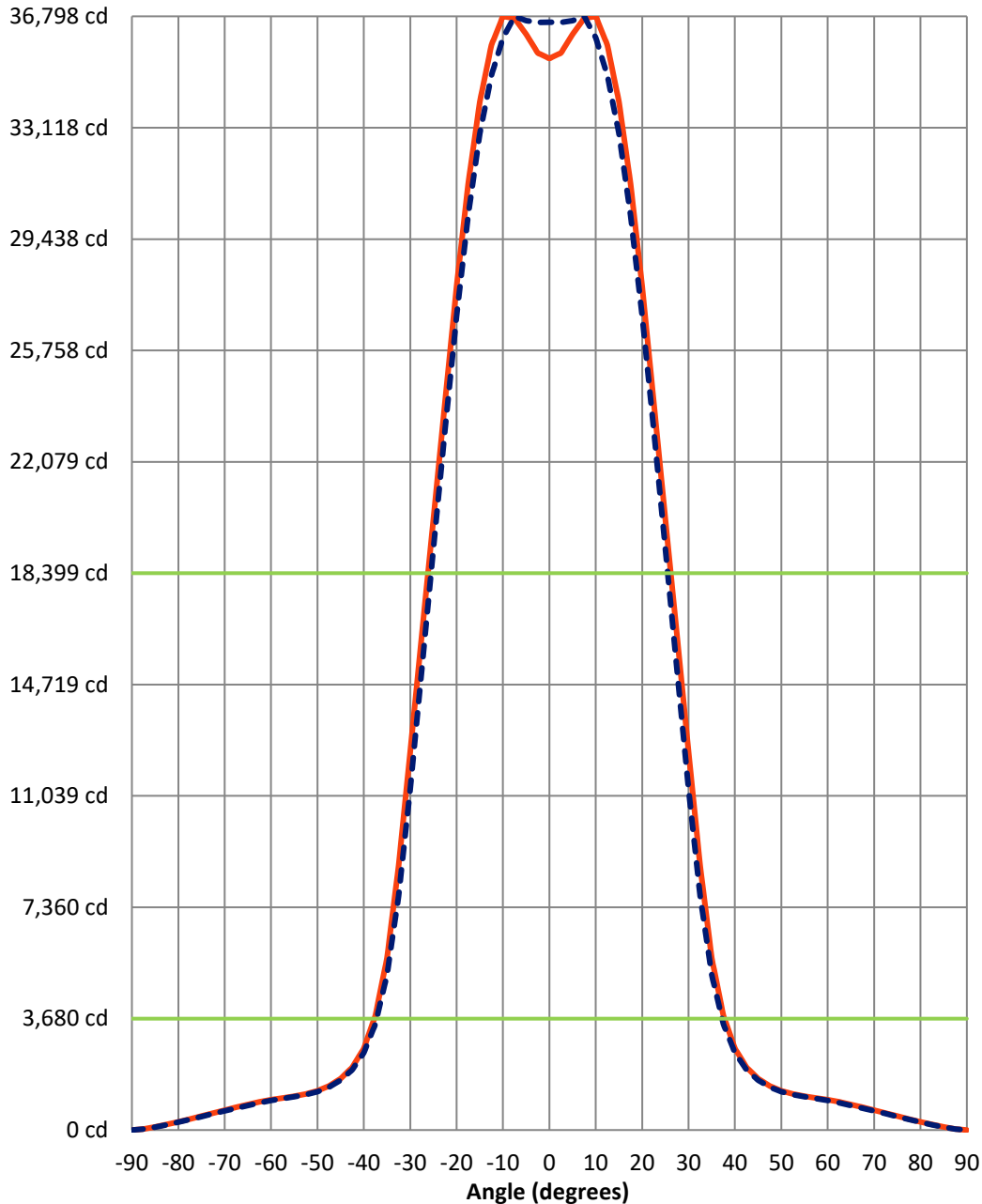
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 20787.3
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 27029.4
 Efficiency: 86.3%

Spill:
 Lumens: 4289
 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	8.3	10.2	12.1	14.2	16.3
85°	0.0	2.8	5.6	8.4	11.2	13.9	16.6	20.3	24.2	28.3	32.5
82.5°	0.0	4.2	8.4	12.6	16.7	20.9	24.9	30.3	36.9	46.5	55.6
80°	0.0	5.6	11.2	16.7	22.3	27.7	34.4	47.3	59.8	71.5	82.5
77.5°	0.0	7.0	13.9	20.9	27.7	37.4	52.3	67.8	82.5	96.4	111.3
75°	0.0	8.3	16.6	24.9	34.4	52.3	70.2	88.1	105.6	125.9	145.9
72.5°	0.0	9.7	19.3	29.0	46.2	67.1	87.8	109.3	133.3	156.9	180.1
70°	0.0	11.0	22.0	33.9	57.8	81.6	105.6	133.3	160.6	187.5	215.7
67.5°	0.0	12.3	24.6	42.5	69.3	96.0	125.7	156.9	187.5	219.0	251.2
65°	0.0	13.6	27.2	51.0	80.6	111.1	145.4	180.1	214.6	249.9	287.3
62.5°	0.0	14.9	29.7	59.3	91.6	126.9	164.7	203.0	241.1	280.9	326.1
60°	0.0	16.1	32.2	67.4	102.5	142.3	183.4	225.3	266.9	314.6	363.9
57.5°	0.0	17.3	37.3	75.3	114.2	157.3	202.1	247.0	294.9	347.4	399.6
55°	0.0	18.5	42.4	83.0	125.7	171.8	220.5	268.2	322.8	378.9	433.8
52.5°	0.0	19.6	47.2	90.5	136.8	186.0	238.5	291.5	349.7	408.8	467.0
50°	0.0	20.7	51.9	97.7	147.5	200.7	255.9	314.3	375.6	437.7	499.2
47.5°	0.0	21.8	56.4	104.8	157.8	214.8	273.1	336.2	400.4	465.6	530.2
45°	0.0	22.8	60.7	112.2	167.6	228.5	291.0	357.0	424.3	492.4	560.1
42.5°	0.0	23.7	64.8	119.2	176.9	241.7	307.9	376.9	447.1	518.2	588.4
40°	0.0	24.7	68.6	125.6	186.4	254.4	324.0	395.7	468.7	542.7	615.5
37.5°	0.0	25.5	72.2	131.6	196.0	266.5	339.2	413.3	489.7	566.4	641.7
35°	0.0	26.4	75.6	137.3	205.1	278.3	353.4	429.9	509.7	588.6	666.0
32.5°	0.0	27.2	78.8	142.6	213.7	289.4	366.7	445.3	528.6	609.2	687.5
30°	0.0	27.9	81.7	147.5	221.8	299.7	378.9	459.7	546.5	628.3	707.4
27.5°	0.0	28.6	84.3	152.0	228.9	309.2	390.2	474.0	562.7	645.6	725.9
25°	0.0	29.2	86.7	156.1	235.4	317.9	400.4	487.2	576.9	660.9	742.8
22.5°	0.0	29.7	88.9	159.8	241.3	325.6	409.6	499.2	589.6	674.6	758.1
20°	0.0	30.3	90.7	163.1	246.5	332.2	417.7	510.1	600.8	686.7	771.8
17.5°	0.0	30.7	92.4	166.0	251.1	337.9	425.1	519.8	610.6	697.4	783.8
15°	0.0	31.1	93.7	168.5	255.0	342.8	431.7	528.5	618.8	706.5	794.0
12.5°	0.0	31.4	94.9	170.5	258.2	346.9	437.4	536.2	626.2	714.0	802.5
10°	0.0	31.7	95.7	172.0	260.7	350.1	442.1	542.5	632.6	721.1	809.7
7.5°	0.0	31.9	96.3	173.2	262.6	352.4	445.9	547.4	637.6	726.8	816.1
5°	0.0	32.1	96.7	173.9	263.8	353.9	448.6	551.0	641.1	730.8	820.6
2.5°	0.0	32.2	96.8	174.1	264.2	354.5	450.2	553.1	643.3	733.3	823.4
0°	0.0	32.2	96.6	173.9	264.0	354.2	450.8	553.8	644.0	734.1	824.3
-2.5°	0.0	32.2	96.8	174.1	264.2	354.5	450.2	553.1	643.3	733.3	823.4
-5°	0.0	32.1	96.7	173.9	263.8	353.9	448.6	551.0	641.1	730.8	820.6
-7.5°	0.0	31.9	96.3	173.2	262.6	352.4	445.9	547.4	637.6	726.8	816.1
-10°	0.0	31.7	95.7	172.0	260.7	350.1	442.1	542.5	632.6	721.1	809.7
-12.5°	0.0	31.4	94.9	170.5	258.2	346.9	437.4	536.2	626.2	714.0	802.5
-15°	0.0	31.1	93.7	168.5	255.0	342.8	431.7	528.5	618.8	706.5	794.0
-17.5°	0.0	30.7	92.4	166.0	251.1	337.9	425.1	519.8	610.6	697.4	783.8
-20°	0.0	30.3	90.7	163.1	246.5	332.2	417.7	510.1	600.8	686.7	771.8

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	29.7	88.9	159.8	241.3	325.6	409.6	499.2	589.6	674.6	758.1
-25°	0.0	29.2	86.7	156.1	235.4	317.9	400.4	487.2	576.9	660.9	742.8
-27.5°	0.0	28.6	84.3	152.0	228.9	309.2	390.2	474.0	562.7	645.6	725.9
-30°	0.0	27.9	81.7	147.5	221.8	299.7	378.9	459.7	546.5	628.3	707.4
-32.5°	0.0	27.2	78.8	142.6	213.7	289.4	366.7	445.3	528.6	609.2	687.5
-35°	0.0	26.4	75.6	137.3	205.1	278.3	353.4	429.9	509.7	588.6	666.0
-37.5°	0.0	25.5	72.2	131.6	196.0	266.5	339.2	413.3	489.7	566.4	641.7
-40°	0.0	24.7	68.6	125.6	186.4	254.4	324.0	395.7	468.7	542.7	615.5
-42.5°	0.0	23.7	64.8	119.2	176.9	241.7	307.9	376.9	447.1	518.2	588.4
-45°	0.0	22.8	60.7	112.2	167.6	228.5	291.0	357.0	424.3	492.4	560.1
-47.5°	0.0	21.8	56.4	104.8	157.8	214.8	273.1	336.2	400.4	465.6	530.2
-50°	0.0	20.7	51.9	97.7	147.5	200.7	255.9	314.3	375.6	437.7	499.2
-52.5°	0.0	19.6	47.2	90.5	136.8	186.0	238.5	291.5	349.7	408.8	467.0
-55°	0.0	18.5	42.4	83.0	125.7	171.8	220.5	268.2	322.8	378.9	433.8
-57.5°	0.0	17.3	37.3	75.3	114.2	157.3	202.1	247.0	294.9	347.4	399.6
-60°	0.0	16.1	32.2	67.4	102.5	142.3	183.4	225.3	266.9	314.6	363.9
-62.5°	0.0	14.9	29.7	59.3	91.6	126.9	164.7	203.0	241.1	280.9	326.1
-65°	0.0	13.6	27.2	51.0	80.6	111.1	145.4	180.1	214.6	249.9	287.3
-67.5°	0.0	12.3	24.6	42.5	69.3	96.0	125.7	156.9	187.5	219.0	251.2
-70°	0.0	11.0	22.0	33.9	57.8	81.6	105.6	133.3	160.6	187.5	215.7
-72.5°	0.0	9.7	19.3	29.0	46.2	67.1	87.8	109.3	133.3	156.9	180.1
-75°	0.0	8.3	16.6	24.9	34.4	52.3	70.2	88.1	105.6	125.9	145.9
-77.5°	0.0	7.0	13.9	20.9	27.7	37.4	52.3	67.8	82.5	96.4	111.3
-80°	0.0	5.6	11.2	16.7	22.3	27.7	34.4	47.3	59.8	71.5	82.5
-82.5°	0.0	4.2	8.4	12.6	16.7	20.9	24.9	30.3	36.9	46.5	55.6
-85°	0.0	2.8	5.6	8.4	11.2	13.9	16.6	20.3	24.2	28.3	32.5
-87.5°	0.0	1.4	2.8	4.2	5.6	7.0	8.3	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°	17.8	19.3	20.7	22.1	23.5	24.8	26.1	27.3	28.5	29.6	30.6
85°	35.6	38.6	43.7	49.0	54.0	58.8	63.4	67.9	72.2	76.3	80.1
82.5°	63.8	72.1	80.7	89.4	97.0	104.2	111.3	118.6	126.0	133.2	140.4
80°	93.8	105.5	118.8	131.5	142.5	153.1	163.2	173.0	183.6	194.9	206.4
77.5°	128.6	145.1	160.7	175.3	189.4	204.7	219.5	233.8	248.6	263.3	277.3
75°	165.8	184.7	204.6	224.2	243.2	261.6	279.6	298.0	316.5	335.0	352.6
72.5°	204.1	228.2	251.6	274.4	298.1	321.1	343.4	364.9	387.0	409.6	431.2
70°	244.0	271.4	300.3	328.2	354.9	381.7	409.0	435.2	460.8	486.9	512.9
67.5°	284.2	318.6	351.2	382.2	413.6	445.3	475.9	507.2	537.5	568.0	597.0
65°	328.5	366.1	401.7	437.2	472.8	510.0	546.2	581.1	616.3	650.3	680.9
62.5°	371.9	411.9	451.3	491.7	534.1	575.8	615.3	655.4	696.3	731.9	762.9
60°	411.8	456.2	500.3	546.3	593.2	638.1	682.4	726.0	769.9	810.9	836.2
57.5°	450.4	499.4	548.3	597.8	647.2	697.4	744.0	791.9	832.7	867.2	896.5
55°	488.0	541.2	593.2	645.2	698.6	751.0	801.7	847.2	887.1	915.9	944.2
52.5°	524.5	580.6	634.4	690.6	747.3	802.9	855.9	898.1	930.8	960.2	986.7
50°	559.9	617.0	673.8	734.7	794.7	853.4	903.2	940.2	973.5	1002.1	1029.9
47.5°	593.1	652.6	713.3	777.4	840.5	897.3	943.0	981.7	1015.7	1046.7	1079.4
45°	625.0	688.2	752.4	818.5	882.9	937.8	981.9	1023.6	1055.4	1090.3	1127.9
42.5°	656.1	722.4	789.7	858.0	923.0	974.3	1018.4	1056.6	1094.0	1135.4	1180.7
40°	685.6	754.7	824.9	895.9	960.8	1006.3	1049.4	1090.0	1135.4	1184.5	1237.1
37.5°	713.2	785.0	857.9	931.7	988.6	1035.5	1079.7	1124.8	1177.6	1234.6	1306.0
35°	739.1	813.3	888.5	959.4	1013.6	1063.3	1109.0	1159.4	1221.1	1295.5	1386.8
32.5°	763.0	839.4	916.8	981.9	1036.5	1088.2	1135.1	1198.0	1272.1	1360.6	1490.0
30°	785.1	863.3	941.0	1003.9	1057.3	1109.1	1166.3	1237.1	1323.7	1453.1	1618.6
27.5°	805.6	885.0	960.0	1022.3	1075.8	1129.2	1196.1	1281.9	1396.0	1550.4	1756.2
25°	824.4	905.7	978.2	1037.7	1093.0	1152.2	1224.9	1321.4	1471.4	1670.8	1948.9
22.5°	841.5	924.4	995.6	1051.0	1109.0	1173.2	1258.0	1378.7	1551.7	1784.4	2143.2
20°	856.7	938.6	1008.6	1063.6	1123.9	1190.6	1287.6	1433.1	1641.7	1943.1	2401.1
17.5°	870.0	951.0	1018.4	1075.7	1138.3	1210.3	1316.3	1480.2	1721.7	2081.6	2661.8
15°	881.4	961.6	1026.7	1086.0	1150.9	1232.8	1356.3	1541.8	1814.6	2225.6	2888.9
12.5°	890.9	970.3	1033.4	1094.4	1161.3	1251.7	1390.6	1599.8	1911.0	2402.5	3223.7
10°	898.4	977.2	1038.6	1101.0	1169.4	1266.8	1418.4	1647.3	1990.9	2555.7	3509.3
7.5°	905.3	982.2	1042.2	1105.6	1175.2	1278.1	1439.5	1683.9	2052.2	2676.0	3735.4
5°	910.4	985.2	1044.1	1108.2	1180.1	1285.4	1453.9	1709.3	2094.5	2762.0	3894.4
2.5°	913.5	986.2	1044.5	1109.0	1183.6	1288.7	1461.4	1723.3	2127.8	2802.7	3979.8
0°	914.5	985.3	1043.3	1107.7	1184.9	1288.0	1461.9	1725.9	2144.5	2801.3	3992.7
-2.5°	913.5	986.2	1044.5	1109.0	1183.6	1288.7	1461.4	1723.3	2127.8	2802.7	3979.8
-5°	910.4	985.2	1044.1	1108.2	1180.1	1285.4	1453.9	1709.3	2094.5	2762.0	3894.4
-7.5°	905.3	982.2	1042.2	1105.6	1175.2	1278.1	1439.5	1683.9	2052.2	2676.0	3735.4
-10°	898.4	977.2	1038.6	1101.0	1169.4	1266.8	1418.4	1647.3	1990.9	2555.7	3509.3
-12.5°	890.9	970.3	1033.4	1094.4	1161.3	1251.7	1390.6	1599.8	1911.0	2402.5	3223.7
-15°	881.4	961.6	1026.7	1086.0	1150.9	1232.8	1356.3	1541.8	1814.6	2225.6	2888.9
-17.5°	870.0	951.0	1018.4	1075.7	1138.3	1210.3	1316.3	1480.2	1721.7	2081.6	2661.8
-20°	856.7	938.6	1008.6	1063.6	1123.9	1190.6	1287.6	1433.1	1641.7	1943.1	2401.1



REPORT NUMBER: P627857 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-727-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°	841.5	924.4	995.6	1051.0	1109.0	1173.2	1258.0	1378.7	1551.7	1784.4	2143.2
-25°	824.4	905.7	978.2	1037.7	1093.0	1152.2	1224.9	1321.4	1471.4	1670.8	1948.9
-27.5°	805.6	885.0	960.0	1022.3	1075.8	1129.2	1196.1	1281.9	1396.0	1550.4	1756.2
-30°	785.1	863.3	941.0	1003.9	1057.3	1109.1	1166.3	1237.1	1323.7	1453.1	1618.6
-32.5°	763.0	839.4	916.8	981.9	1036.5	1088.2	1135.1	1198.0	1272.1	1360.6	1490.0
-35°	739.1	813.3	888.5	959.4	1013.6	1063.3	1109.0	1159.4	1221.1	1295.5	1386.8
-37.5°	713.2	785.0	857.9	931.7	988.6	1035.5	1079.7	1124.8	1177.6	1234.6	1306.0
-40°	685.6	754.7	824.9	895.9	960.8	1006.3	1049.4	1090.0	1135.4	1184.5	1237.1
-42.5°	656.1	722.4	789.7	858.0	923.0	974.3	1018.4	1056.6	1094.0	1135.4	1180.7
-45°	625.0	688.2	752.4	818.5	882.9	937.8	981.9	1023.6	1055.4	1090.3	1127.9
-47.5°	593.1	652.6	713.3	777.4	840.5	897.3	943.0	981.7	1015.7	1046.7	1079.4
-50°	559.9	617.0	673.8	734.7	794.7	853.4	903.2	940.2	973.5	1002.1	1029.9
-52.5°	524.5	580.6	634.4	690.6	747.3	802.9	855.9	898.1	930.8	960.2	986.7
-55°	488.0	541.2	593.2	645.2	698.6	751.0	801.7	847.2	887.1	915.9	944.2
-57.5°	450.4	499.4	548.3	597.8	647.2	697.4	744.0	791.9	832.7	867.2	896.5
-60°	411.8	456.2	500.3	546.3	593.2	638.1	682.4	726.0	769.9	810.9	836.2
-62.5°	371.9	411.9	451.3	491.7	534.1	575.8	615.3	655.4	696.3	731.9	762.9
-65°	328.5	366.1	401.7	437.2	472.8	510.0	546.2	581.1	616.3	650.3	680.9
-67.5°	284.2	318.6	351.2	382.2	413.6	445.3	475.9	507.2	537.5	568.0	597.0
-70°	244.0	271.4	300.3	328.2	354.9	381.7	409.0	435.2	460.8	486.9	512.9
-72.5°	204.1	228.2	251.6	274.4	298.1	321.1	343.4	364.9	387.0	409.6	431.2
-75°	165.8	184.7	204.6	224.2	243.2	261.6	279.6	298.0	316.5	335.0	352.6
-77.5°	128.6	145.1	160.7	175.3	189.4	204.7	219.5	233.8	248.6	263.3	277.3
-80°	93.8	105.5	118.8	131.5	142.5	153.1	163.2	173.0	183.6	194.9	206.4
-82.5°	63.8	72.1	80.7	89.4	97.0	104.2	111.3	118.6	126.0	133.2	140.4
-85°	35.6	38.6	43.7	49.0	54.0	58.8	63.4	67.9	72.2	76.3	80.1
-87.5°	17.8	19.3	20.7	22.1	23.5	24.8	26.1	27.3	28.5	29.6	30.6
-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: P627857 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-727-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°	31.6	31.2	30.7	30.0	29.2	31.2	33.3	35.3	37.3	36.1	34.9
85°	83.8	85.7	87.3	88.6	89.8	93.8	97.6	101.3	104.6	104.5	104.1
82.5°	147.5	152.2	156.3	160.0	163.3	167.9	172.1	175.8	178.8	181.2	183.1
80°	217.4	225.1	231.7	237.7	243.1	249.2	255.0	260.1	264.5	266.9	268.5
77.5°	291.2	302.4	312.5	322.1	331.2	340.2	348.5	355.8	362.2	363.7	363.3
75°	369.4	384.5	398.6	411.8	423.9	434.4	443.2	450.6	456.7	459.7	461.3
72.5°	451.7	470.3	487.0	502.0	514.9	525.7	535.0	543.0	549.8	554.1	556.7
70°	537.5	559.5	576.7	590.9	601.9	612.6	624.5	636.0	646.7	652.7	655.1
67.5°	623.6	646.5	662.2	675.0	685.2	695.7	710.8	724.4	736.5	744.7	749.9
65°	707.9	731.9	747.7	760.0	769.3	779.9	796.8	810.3	820.6	828.7	836.1
62.5°	791.2	815.4	832.9	847.6	861.1	872.7	886.6	897.9	906.8	914.8	923.9
60°	863.3	892.1	910.5	925.4	942.1	960.2	970.4	978.9	986.3	992.8	998.4
57.5°	922.3	947.9	971.6	989.5	1006.9	1023.7	1035.8	1043.7	1050.2	1055.1	1056.9
55°	971.6	998.1	1024.5	1043.9	1061.0	1076.7	1089.9	1100.3	1109.0	1115.7	1117.3
52.5°	1015.9	1045.5	1071.4	1093.8	1116.5	1135.0	1149.5	1163.6	1176.0	1185.9	1190.2
50°	1063.9	1095.0	1127.3	1157.3	1181.4	1202.6	1220.2	1240.2	1261.2	1278.6	1289.5
47.5°	1114.5	1150.3	1189.4	1226.2	1254.8	1286.2	1315.4	1345.1	1384.2	1417.0	1441.4
45°	1167.3	1213.4	1257.9	1304.8	1344.3	1403.5	1458.4	1505.6	1568.3	1625.1	1670.3
42.5°	1229.8	1287.1	1341.8	1417.0	1495.5	1576.3	1663.7	1738.2	1836.1	1935.9	2016.4
40°	1303.8	1377.0	1473.4	1574.3	1698.3	1809.5	1960.2	2094.5	2244.8	2434.9	2592.0
37.5°	1392.9	1505.8	1639.8	1780.3	1973.8	2158.7	2407.8	2670.4	2908.6	3274.3	3582.0
35°	1508.6	1666.4	1842.9	2091.6	2365.5	2711.9	3100.5	3607.6	4042.5	4659.4	5248.9
32.5°	1657.7	1860.5	2148.8	2532.7	2937.5	3566.5	4183.2	5063.7	5879.1	6856.8	7912.0
30°	1823.6	2132.3	2572.7	3099.3	3854.4	4779.8	5866.9	7219.3	8699.2	10073.4	11427.6
27.5°	2064.1	2506.4	3084.9	3934.6	5111.6	6406.1	8310.9	10146.6	12061.9	13764.5	15184.4
25°	2344.8	2929.3	3823.8	5075.1	6666.8	8883.6	11163.7	13429.4	15489.1	17271.5	18840.4
22.5°	2707.2	3547.9	4740.5	6361.2	8839.7	11496.8	14170.4	16669.5	18866.7	20851.5	22549.7
20°	3101.5	4153.5	5856.6	8273.4	11107.7	14134.8	17153.8	19815.8	22235.1	24485.5	26399.6
17.5°	3601.3	5074.5	7231.2	10130.4	13407.4	16724.0	19895.5	22784.4	25529.1	27910.4	29910.4
15°	4027.2	5885.6	8700.4	12100.6	15645.1	19143.7	22492.0	25629.9	28483.5	30926.8	32807.0
12.5°	4595.3	6794.7	10004.9	13794.4	17635.4	21316.6	24843.5	28086.7	30990.7	33407.2	34870.8
10°	5132.3	7735.8	11265.6	15217.6	19208.1	23130.3	26896.0	30222.3	32918.5	34840.7	36088.0
7.5°	5588.8	8544.7	12291.2	16367.9	20457.6	24558.3	28370.2	31606.5	34092.6	35697.9	36566.2
5°	5929.7	9149.3	13052.5	17302.7	21499.3	25672.0	29454.1	32492.2	34640.9	35833.5	36269.4
2.5°	6146.9	9504.4	13494.3	17915.9	22196.4	26376.6	30197.6	33188.1	35011.1	35801.5	35876.7
0°	6233.8	9550.3	13562.4	18237.7	22372.1	26577.3	30409.1	33474.4	35148.8	35799.2	35786.4
-2.5°	6146.9	9504.4	13494.3	17915.9	22196.4	26376.6	30197.6	33188.1	35011.1	35801.5	35876.7
-5°	5929.7	9149.3	13052.5	17302.7	21499.3	25672.0	29454.1	32492.2	34640.9	35833.5	36269.4
-7.5°	5588.8	8544.7	12291.2	16367.9	20457.6	24558.3	28370.2	31606.5	34092.6	35697.9	36566.2
-10°	5132.3	7735.8	11265.6	15217.6	19208.1	23130.3	26896.0	30222.3	32918.5	34840.7	36088.0
-12.5°	4595.3	6794.7	10004.9	13794.4	17635.4	21316.6	24843.5	28086.7	30990.7	33407.2	34870.8
-15°	4027.2	5885.6	8700.4	12100.6	15645.1	19143.7	22492.0	25629.9	28483.5	30926.8	32807.0
-17.5°	3601.3	5074.5	7231.2	10130.4	13407.4	16724.0	19895.5	22784.4	25529.1	27910.4	29910.4
-20°	3101.5	4153.5	5856.6	8273.4	11107.7	14134.8	17153.8	19815.8	22235.1	24485.5	26399.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627857 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2707.2	3547.9	4740.5	6361.2	8839.7	11496.8	14170.4	16669.5	18866.7	20851.5	22549.7
-25°	2344.8	2929.3	3823.8	5075.1	6666.8	8883.6	11163.7	13429.4	15489.1	17271.5	18840.4
-27.5°	2064.1	2506.4	3084.9	3934.6	5111.6	6406.1	8310.9	10146.6	12061.9	13764.5	15184.4
-30°	1823.6	2132.3	2572.7	3099.3	3854.4	4779.8	5866.9	7219.3	8699.2	10073.4	11427.6
-32.5°	1657.7	1860.5	2148.8	2532.7	2937.5	3566.5	4183.2	5063.7	5879.1	6856.8	7912.0
-35°	1508.6	1666.4	1842.9	2091.6	2365.5	2711.9	3100.5	3607.6	4042.5	4659.4	5248.9
-37.5°	1392.9	1505.8	1639.8	1780.3	1973.8	2158.7	2407.8	2670.4	2908.6	3274.3	3582.0
-40°	1303.8	1377.0	1473.4	1574.3	1698.3	1809.5	1960.2	2094.5	2244.8	2434.9	2592.0
-42.5°	1229.8	1287.1	1341.8	1417.0	1495.5	1576.3	1663.7	1738.2	1836.1	1935.9	2016.4
-45°	1167.3	1213.4	1257.9	1304.8	1344.3	1403.5	1458.4	1505.6	1568.3	1625.1	1670.3
-47.5°	1114.5	1150.3	1189.4	1226.2	1254.8	1286.2	1315.4	1345.1	1384.2	1417.0	1441.4
-50°	1063.9	1095.0	1127.3	1157.3	1181.4	1202.6	1220.2	1240.2	1261.2	1278.6	1289.5
-52.5°	1015.9	1045.5	1071.4	1093.8	1116.5	1135.0	1149.5	1163.6	1176.0	1185.9	1190.2
-55°	971.6	998.1	1024.5	1043.9	1061.0	1076.7	1089.9	1100.3	1109.0	1115.7	1117.3
-57.5°	922.3	947.9	971.6	989.5	1006.9	1023.7	1035.8	1043.7	1050.2	1055.1	1056.9
-60°	863.3	892.1	910.5	925.4	942.1	960.2	970.4	978.9	986.3	992.8	998.4
-62.5°	791.2	815.4	832.9	847.6	861.1	872.7	886.6	897.9	906.8	914.8	923.9
-65°	707.9	731.9	747.7	760.0	769.3	779.9	796.8	810.3	820.6	828.7	836.1
-67.5°	623.6	646.5	662.2	675.0	685.2	695.7	710.8	724.4	736.5	744.7	749.9
-70°	537.5	559.5	576.7	590.9	601.9	612.6	624.5	636.0	646.7	652.7	655.1
-72.5°	451.7	470.3	487.0	502.0	514.9	525.7	535.0	543.0	549.8	554.1	556.7
-75°	369.4	384.5	398.6	411.8	423.9	434.4	443.2	450.6	456.7	459.7	461.3
-77.5°	291.2	302.4	312.5	322.1	331.2	340.2	348.5	355.8	362.2	363.7	363.3
-80°	217.4	225.1	231.7	237.7	243.1	249.2	255.0	260.1	264.5	266.9	268.5
-82.5°	147.5	152.2	156.3	160.0	163.3	167.9	172.1	175.8	178.8	181.2	183.1
-85°	83.8	85.7	87.3	88.6	89.8	93.8	97.6	101.3	104.6	104.5	104.1
-87.5°	31.6	31.2	30.7	30.0	29.2	31.2	33.3	35.3	37.3	36.1	34.9
-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: P627857 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-727-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°	33.5	32.1	32.2	32.2	32.2	32.1	33.5	34.9	36.1	37.3	35.3
85°	103.4	102.5	99.7	96.6	99.7	102.5	103.4	104.1	104.5	104.6	101.3
82.5°	184.7	185.8	183.3	180.3	183.3	185.8	184.7	183.1	181.2	178.8	175.8
80°	269.2	269.3	267.0	264.0	267.0	269.3	269.2	268.5	266.9	264.5	260.1
77.5°	361.7	359.1	360.1	360.6	360.1	359.1	361.7	363.3	363.7	362.2	355.8
75°	461.9	461.5	460.0	457.2	460.0	461.5	461.9	461.3	459.7	456.7	450.6
72.5°	558.0	558.0	556.5	553.8	556.5	558.0	558.0	556.7	554.1	549.8	543.0
70°	655.6	654.4	656.1	656.9	656.1	654.4	655.6	655.1	652.7	646.7	636.0
67.5°	753.9	756.5	756.1	753.5	756.1	756.5	753.9	749.9	744.7	736.5	724.4
65°	842.1	846.4	849.2	850.1	849.2	846.4	842.1	836.1	828.7	820.6	810.3
62.5°	931.0	936.1	936.4	933.8	936.4	936.1	931.0	923.9	914.8	906.8	897.9
60°	1001.5	1002.3	1001.1	998.2	1001.1	1002.3	1001.5	998.4	992.8	986.3	978.9
57.5°	1056.9	1055.0	1052.8	1049.7	1052.8	1055.0	1056.9	1056.9	1055.1	1050.2	1043.7
55°	1116.4	1113.3	1110.7	1107.7	1110.7	1113.3	1116.4	1117.3	1115.7	1109.0	1100.3
52.5°	1191.2	1189.6	1187.7	1184.9	1187.7	1189.6	1191.2	1190.2	1185.9	1176.0	1163.6
50°	1295.2	1296.8	1296.6	1294.4	1296.6	1296.8	1295.2	1289.5	1278.6	1261.2	1240.2
47.5°	1456.8	1465.4	1471.2	1474.7	1471.2	1465.4	1456.8	1441.4	1417.0	1384.2	1345.1
45°	1699.2	1716.4	1728.5	1738.8	1728.5	1716.4	1699.2	1670.3	1625.1	1568.3	1505.6
42.5°	2073.1	2111.6	2129.8	2125.2	2129.8	2111.6	2073.1	2016.4	1935.9	1836.1	1738.2
40°	2696.7	2758.8	2793.3	2820.7	2793.3	2758.8	2696.7	2592.0	2434.9	2244.8	2094.5
37.5°	3792.0	3912.6	3976.1	4031.4	3976.1	3912.6	3792.0	3582.0	3274.3	2908.6	2670.4
35°	5689.4	5960.7	6105.9	6156.5	6105.9	5960.7	5689.4	5248.9	4659.4	4042.5	3607.6
32.5°	8733.0	9233.6	9510.4	9724.2	9510.4	9233.6	8733.0	7912.0	6856.8	5879.1	5063.7
30°	12499.8	13159.1	13525.3	13704.0	13525.3	13159.1	12499.8	11427.6	10073.4	8699.2	7219.3
27.5°	16361.3	17110.8	17505.6	17484.2	17505.6	17110.8	16361.3	15184.4	13764.5	12061.9	10146.6
25°	20185.4	21053.5	21446.9	21799.0	21446.9	21053.5	20185.4	18840.4	17271.5	15489.1	13429.4
22.5°	24053.0	25068.2	25622.1	25881.8	25622.1	25068.2	24053.0	22549.7	20851.5	18866.7	16669.5
20°	27874.7	29004.7	29592.8	29848.8	29592.8	29004.7	27874.7	26399.6	24485.5	22235.1	19815.8
17.5°	31264.2	32367.3	32927.8	33165.3	32927.8	32367.3	31264.2	29910.4	27910.4	25529.1	22784.4
15°	33970.5	34784.2	35260.9	35387.1	35260.9	34784.2	33970.5	32807.0	30926.8	28483.5	25629.9
12.5°	35841.3	36156.5	36385.7	36456.1	36385.7	36156.5	35841.3	34870.8	33407.2	30990.7	28086.7
10°	36797.7	36655.5	36596.8	36604.2	36596.8	36655.5	36797.7	36088.0	34840.7	32918.5	30222.3
7.5°	36731.9	36521.4	36098.4	36031.1	36098.4	36521.4	36731.9	36566.2	35697.9	34092.6	31606.5
5°	36204.2	35820.8	35118.8	34917.0	35118.8	35820.8	36204.2	36269.4	35833.5	34640.9	32492.2
2.5°	35589.1	34898.0	34251.2	33835.1	34251.2	34898.0	35589.1	35876.7	35801.5	35011.1	33188.1
0°	35406.4	34607.9	33770.7	33500.2	33770.7	34607.9	35406.4	35786.4	35799.2	35148.8	33474.4
-2.5°	35589.1	34898.0	34251.2	33835.1	34251.2	34898.0	35589.1	35876.7	35801.5	35011.1	33188.1
-5°	36204.2	35820.8	35118.8	34917.0	35118.8	35820.8	36204.2	36269.4	35833.5	34640.9	32492.2
-7.5°	36731.9	36521.4	36098.4	36031.1	36098.4	36521.4	36731.9	36566.2	35697.9	34092.6	31606.5
-10°	36797.7	36655.5	36596.8	36604.2	36596.8	36655.5	36797.7	36088.0	34840.7	32918.5	30222.3
-12.5°	35841.3	36156.5	36385.7	36456.1	36385.7	36156.5	35841.3	34870.8	33407.2	30990.7	28086.7
-15°	33970.5	34784.2	35260.9	35387.1	35260.9	34784.2	33970.5	32807.0	30926.8	28483.5	25629.9
-17.5°	31264.2	32367.3	32927.8	33165.3	32927.8	32367.3	31264.2	29910.4	27910.4	25529.1	22784.4
-20°	27874.7	29004.7	29592.8	29848.8	29592.8	29004.7	27874.7	26399.6	24485.5	22235.1	19815.8



REPORT NUMBER: P627857 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-727-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°	24053.0	25068.2	25622.1	25881.8	25622.1	25068.2	24053.0	22549.7	20851.5	18866.7	16669.5
-25°	20185.4	21053.5	21446.9	21799.0	21446.9	21053.5	20185.4	18840.4	17271.5	15489.1	13429.4
-27.5°	16361.3	17110.8	17505.6	17484.2	17505.6	17110.8	16361.3	15184.4	13764.5	12061.9	10146.6
-30°	12499.8	13159.1	13525.3	13704.0	13525.3	13159.1	12499.8	11427.6	10073.4	8699.2	7219.3
-32.5°	8733.0	9233.6	9510.4	9724.2	9510.4	9233.6	8733.0	7912.0	6856.8	5879.1	5063.7
-35°	5689.4	5960.7	6105.9	6156.5	6105.9	5960.7	5689.4	5248.9	4659.4	4042.5	3607.6
-37.5°	3792.0	3912.6	3976.1	4031.4	3976.1	3912.6	3792.0	3582.0	3274.3	2908.6	2670.4
-40°	2696.7	2758.8	2793.3	2820.7	2793.3	2758.8	2696.7	2592.0	2434.9	2244.8	2094.5
-42.5°	2073.1	2111.6	2129.8	2125.2	2129.8	2111.6	2073.1	2016.4	1935.9	1836.1	1738.2
-45°	1699.2	1716.4	1728.5	1738.8	1728.5	1716.4	1699.2	1670.3	1625.1	1568.3	1505.6
-47.5°	1456.8	1465.4	1471.2	1474.7	1471.2	1465.4	1456.8	1441.4	1417.0	1384.2	1345.1
-50°	1295.2	1296.8	1296.6	1294.4	1296.6	1296.8	1295.2	1289.5	1278.6	1261.2	1240.2
-52.5°	1191.2	1189.6	1187.7	1184.9	1187.7	1189.6	1191.2	1190.2	1185.9	1176.0	1163.6
-55°	1116.4	1113.3	1110.7	1107.7	1110.7	1113.3	1116.4	1117.3	1115.7	1109.0	1100.3
-57.5°	1056.9	1055.0	1052.8	1049.7	1052.8	1055.0	1056.9	1056.9	1055.1	1050.2	1043.7
-60°	1001.5	1002.3	1001.1	998.2	1001.1	1002.3	1001.5	998.4	992.8	986.3	978.9
-62.5°	931.0	936.1	936.4	933.8	936.4	936.1	931.0	923.9	914.8	906.8	897.9
-65°	842.1	846.4	849.2	850.1	849.2	846.4	842.1	836.1	828.7	820.6	810.3
-67.5°	753.9	756.5	756.1	753.5	756.1	756.5	753.9	749.9	744.7	736.5	724.4
-70°	655.6	654.4	656.1	656.9	656.1	654.4	655.6	655.1	652.7	646.7	636.0
-72.5°	558.0	558.0	556.5	553.8	556.5	558.0	558.0	556.7	554.1	549.8	543.0
-75°	461.9	461.5	460.0	457.2	460.0	461.5	461.9	461.3	459.7	456.7	450.6
-77.5°	361.7	359.1	360.1	360.6	360.1	359.1	361.7	363.3	363.7	362.2	355.8
-80°	269.2	269.3	267.0	264.0	267.0	269.3	269.2	268.5	266.9	264.5	260.1
-82.5°	184.7	185.8	183.3	180.3	183.3	185.8	184.7	183.1	181.2	178.8	175.8
-85°	103.4	102.5	99.7	96.6	99.7	102.5	103.4	104.1	104.5	104.6	101.3
-87.5°	33.5	32.1	32.2	32.2	32.2	32.1	33.5	34.9	36.1	37.3	35.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627857 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-727-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	31.2	29.2	30.0	30.7	31.2	31.6	30.6	29.6	28.5	27.3
85°	97.6	93.8	89.8	88.6	87.3	85.7	83.8	80.1	76.3	72.2	67.9
82.5°	172.1	167.9	163.3	160.0	156.3	152.2	147.5	140.4	133.2	126.0	118.6
80°	255.0	249.2	243.1	237.7	231.7	225.1	217.4	206.4	194.9	183.6	173.0
77.5°	348.5	340.2	331.2	322.1	312.5	302.4	291.2	277.3	263.3	248.6	233.8
75°	443.2	434.4	423.9	411.8	398.6	384.5	369.4	352.6	335.0	316.5	298.0
72.5°	535.0	525.7	514.9	502.0	487.0	470.3	451.7	431.2	409.6	387.0	364.9
70°	624.5	612.6	601.9	590.9	576.7	559.5	537.5	512.9	486.9	460.8	435.2
67.5°	710.8	695.7	685.2	675.0	662.2	646.5	623.6	597.0	568.0	537.5	507.2
65°	796.8	779.9	769.3	760.0	747.7	731.9	707.9	680.9	650.3	616.3	581.1
62.5°	886.6	872.7	861.1	847.6	832.9	815.4	791.2	762.9	731.9	696.3	655.4
60°	970.4	960.2	942.1	925.4	910.5	892.1	863.3	836.2	810.9	769.9	726.0
57.5°	1035.8	1023.7	1006.9	989.5	971.6	947.9	922.3	896.5	867.2	832.7	791.9
55°	1089.9	1076.7	1061.0	1043.9	1024.5	998.1	971.6	944.2	915.9	887.1	847.2
52.5°	1149.5	1135.0	1116.5	1093.8	1071.4	1045.5	1015.9	986.7	960.2	930.8	898.1
50°	1220.2	1202.6	1181.4	1157.3	1127.3	1095.0	1063.9	1029.9	1002.1	973.5	940.2
47.5°	1315.4	1286.2	1254.8	1226.2	1189.4	1150.3	1114.5	1079.4	1046.7	1015.7	981.7
45°	1458.4	1403.5	1344.3	1304.8	1257.9	1213.4	1167.3	1127.9	1090.3	1055.4	1023.6
42.5°	1663.7	1576.3	1495.5	1417.0	1341.8	1287.1	1229.8	1180.7	1135.4	1094.0	1056.6
40°	1960.2	1809.5	1698.3	1574.3	1473.4	1377.0	1303.8	1237.1	1184.5	1135.4	1090.0
37.5°	2407.8	2158.7	1973.8	1780.3	1639.8	1505.8	1392.9	1306.0	1234.6	1177.6	1124.8
35°	3100.5	2711.9	2365.5	2091.6	1842.9	1666.4	1508.6	1386.8	1295.5	1221.1	1159.4
32.5°	4183.2	3566.5	2937.5	2532.7	2148.8	1860.5	1657.7	1490.0	1360.6	1272.1	1198.0
30°	5866.9	4779.8	3854.4	3099.3	2572.7	2132.3	1823.6	1618.6	1453.1	1323.7	1237.1
27.5°	8310.9	6406.1	5111.6	3934.6	3084.9	2506.4	2064.1	1756.2	1550.4	1396.0	1281.9
25°	11163.7	8883.6	6666.8	5075.1	3823.8	2929.3	2344.8	1948.9	1670.8	1471.4	1321.4
22.5°	14170.4	11496.8	8839.7	6361.2	4740.5	3547.9	2707.2	2143.2	1784.4	1551.7	1378.7
20°	17153.8	14134.8	11107.7	8273.4	5856.6	4153.5	3101.5	2401.1	1943.1	1641.7	1433.1
17.5°	19895.5	16724.0	13407.4	10130.4	7231.2	5074.5	3601.3	2661.8	2081.6	1721.7	1480.2
15°	22492.0	19143.7	15645.1	12100.6	8700.4	5885.6	4027.2	2888.9	2225.6	1814.6	1541.8
12.5°	24843.5	21316.6	17635.4	13794.4	10004.9	6794.7	4595.3	3223.7	2402.5	1911.0	1599.8
10°	26896.0	23130.3	19208.1	15217.6	11265.6	7735.8	5132.3	3509.3	2555.7	1990.9	1647.3
7.5°	28370.2	24558.3	20457.6	16367.9	12291.2	8544.7	5588.8	3735.4	2676.0	2052.2	1683.9
5°	29454.1	25672.0	21499.3	17302.7	13052.5	9149.3	5929.7	3894.4	2762.0	2094.5	1709.3
2.5°	30197.6	26376.6	22196.4	17915.9	13494.3	9504.4	6146.9	3979.8	2802.7	2127.8	1723.3
0°	30409.1	26577.3	22372.1	18237.7	13562.4	9550.3	6233.8	3992.7	2801.3	2144.5	1725.9
-2.5°	30197.6	26376.6	22196.4	17915.9	13494.3	9504.4	6146.9	3979.8	2802.7	2127.8	1723.3
-5°	29454.1	25672.0	21499.3	17302.7	13052.5	9149.3	5929.7	3894.4	2762.0	2094.5	1709.3
-7.5°	28370.2	24558.3	20457.6	16367.9	12291.2	8544.7	5588.8	3735.4	2676.0	2052.2	1683.9
-10°	26896.0	23130.3	19208.1	15217.6	11265.6	7735.8	5132.3	3509.3	2555.7	1990.9	1647.3
-12.5°	24843.5	21316.6	17635.4	13794.4	10004.9	6794.7	4595.3	3223.7	2402.5	1911.0	1599.8
-15°	22492.0	19143.7	15645.1	12100.6	8700.4	5885.6	4027.2	2888.9	2225.6	1814.6	1541.8
-17.5°	19895.5	16724.0	13407.4	10130.4	7231.2	5074.5	3601.3	2661.8	2081.6	1721.7	1480.2
-20°	17153.8	14134.8	11107.7	8273.4	5856.6	4153.5	3101.5	2401.1	1943.1	1641.7	1433.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627857 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	14170.4	11496.8	8839.7	6361.2	4740.5	3547.9	2707.2	2143.2	1784.4	1551.7	1378.7
-25°	11163.7	8883.6	6666.8	5075.1	3823.8	2929.3	2344.8	1948.9	1670.8	1471.4	1321.4
-27.5°	8310.9	6406.1	5111.6	3934.6	3084.9	2506.4	2064.1	1756.2	1550.4	1396.0	1281.9
-30°	5866.9	4779.8	3854.4	3099.3	2572.7	2132.3	1823.6	1618.6	1453.1	1323.7	1237.1
-32.5°	4183.2	3566.5	2937.5	2532.7	2148.8	1860.5	1657.7	1490.0	1360.6	1272.1	1198.0
-35°	3100.5	2711.9	2365.5	2091.6	1842.9	1666.4	1508.6	1386.8	1295.5	1221.1	1159.4
-37.5°	2407.8	2158.7	1973.8	1780.3	1639.8	1505.8	1392.9	1306.0	1234.6	1177.6	1124.8
-40°	1960.2	1809.5	1698.3	1574.3	1473.4	1377.0	1303.8	1237.1	1184.5	1135.4	1090.0
-42.5°	1663.7	1576.3	1495.5	1417.0	1341.8	1287.1	1229.8	1180.7	1135.4	1094.0	1056.6
-45°	1458.4	1403.5	1344.3	1304.8	1257.9	1213.4	1167.3	1127.9	1090.3	1055.4	1023.6
-47.5°	1315.4	1286.2	1254.8	1226.2	1189.4	1150.3	1114.5	1079.4	1046.7	1015.7	981.7
-50°	1220.2	1202.6	1181.4	1157.3	1127.3	1095.0	1063.9	1029.9	1002.1	973.5	940.2
-52.5°	1149.5	1135.0	1116.5	1093.8	1071.4	1045.5	1015.9	986.7	960.2	930.8	898.1
-55°	1089.9	1076.7	1061.0	1043.9	1024.5	998.1	971.6	944.2	915.9	887.1	847.2
-57.5°	1035.8	1023.7	1006.9	989.5	971.6	947.9	922.3	896.5	867.2	832.7	791.9
-60°	970.4	960.2	942.1	925.4	910.5	892.1	863.3	836.2	810.9	769.9	726.0
-62.5°	886.6	872.7	861.1	847.6	832.9	815.4	791.2	762.9	731.9	696.3	655.4
-65°	796.8	779.9	769.3	760.0	747.7	731.9	707.9	680.9	650.3	616.3	581.1
-67.5°	710.8	695.7	685.2	675.0	662.2	646.5	623.6	597.0	568.0	537.5	507.2
-70°	624.5	612.6	601.9	590.9	576.7	559.5	537.5	512.9	486.9	460.8	435.2
-72.5°	535.0	525.7	514.9	502.0	487.0	470.3	451.7	431.2	409.6	387.0	364.9
-75°	443.2	434.4	423.9	411.8	398.6	384.5	369.4	352.6	335.0	316.5	298.0
-77.5°	348.5	340.2	331.2	322.1	312.5	302.4	291.2	277.3	263.3	248.6	233.8
-80°	255.0	249.2	243.1	237.7	231.7	225.1	217.4	206.4	194.9	183.6	173.0
-82.5°	172.1	167.9	163.3	160.0	156.3	152.2	147.5	140.4	133.2	126.0	118.6
-85°	97.6	93.8	89.8	88.6	87.3	85.7	83.8	80.1	76.3	72.2	67.9
-87.5°	33.3	31.2	29.2	30.0	30.7	31.2	31.6	30.6	29.6	28.5	27.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627857 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6C-727-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	24.8	23.5	22.1	20.7	19.3	17.8	16.3	14.2	12.1	10.2
85°	63.4	58.8	54.0	49.0	43.7	38.6	35.6	32.5	28.3	24.2	20.3
82.5°	111.3	104.2	97.0	89.4	80.7	72.1	63.8	55.6	46.5	36.9	30.3
80°	163.2	153.1	142.5	131.5	118.8	105.5	93.8	82.5	71.5	59.8	47.3
77.5°	219.5	204.7	189.4	175.3	160.7	145.1	128.6	111.3	96.4	82.5	67.8
75°	279.6	261.6	243.2	224.2	204.6	184.7	165.8	145.9	125.9	105.6	88.1
72.5°	343.4	321.1	298.1	274.4	251.6	228.2	204.1	180.1	156.9	133.3	109.3
70°	409.0	381.7	354.9	328.2	300.3	271.4	244.0	215.7	187.5	160.6	133.3
67.5°	475.9	445.3	413.6	382.2	351.2	318.6	284.2	251.2	219.0	187.5	156.9
65°	546.2	510.0	472.8	437.2	401.7	366.1	328.5	287.3	249.9	214.6	180.1
62.5°	615.3	575.8	534.1	491.7	451.3	411.9	371.9	326.1	280.9	241.1	203.0
60°	682.4	638.1	593.2	546.3	500.3	456.2	411.8	363.9	314.6	266.9	225.3
57.5°	744.0	697.4	647.2	597.8	548.3	499.4	450.4	399.6	347.4	294.9	247.0
55°	801.7	751.0	698.6	645.2	593.2	541.2	488.0	433.8	378.9	322.8	268.2
52.5°	855.9	802.9	747.3	690.6	634.4	580.6	524.5	467.0	408.8	349.7	291.5
50°	903.2	853.4	794.7	734.7	673.8	617.0	559.9	499.2	437.7	375.6	314.3
47.5°	943.0	897.3	840.5	777.4	713.3	652.6	593.1	530.2	465.6	400.4	336.2
45°	981.9	937.8	882.9	818.5	752.4	688.2	625.0	560.1	492.4	424.3	357.0
42.5°	1018.4	974.3	923.0	858.0	789.7	722.4	656.1	588.4	518.2	447.1	376.9
40°	1049.4	1006.3	960.8	895.9	824.9	754.7	685.6	615.5	542.7	468.7	395.7
37.5°	1079.7	1035.5	988.6	931.7	857.9	785.0	713.2	641.7	566.4	489.7	413.3
35°	1109.0	1063.3	1013.6	959.4	888.5	813.3	739.1	666.0	588.6	509.7	429.9
32.5°	1135.1	1088.2	1036.5	981.9	916.8	839.4	763.0	687.5	609.2	528.6	445.3
30°	1166.3	1109.1	1057.3	1003.9	941.0	863.3	785.1	707.4	628.3	546.5	459.7
27.5°	1196.1	1129.2	1075.8	1022.3	960.0	885.0	805.6	725.9	645.6	562.7	474.0
25°	1224.9	1152.2	1093.0	1037.7	978.2	905.7	824.4	742.8	660.9	576.9	487.2
22.5°	1258.0	1173.2	1109.0	1051.0	995.6	924.4	841.5	758.1	674.6	589.6	499.2
20°	1287.6	1190.6	1123.9	1063.6	1008.6	938.6	856.7	771.8	686.7	600.8	510.1
17.5°	1316.3	1210.3	1138.3	1075.7	1018.4	951.0	870.0	783.8	697.4	610.6	519.8
15°	1356.3	1232.8	1150.9	1086.0	1026.7	961.6	881.4	794.0	706.5	618.8	528.5
12.5°	1390.6	1251.7	1161.3	1094.4	1033.4	970.3	890.9	802.5	714.0	626.2	536.2
10°	1418.4	1266.8	1169.4	1101.0	1038.6	977.2	898.4	809.7	721.1	632.6	542.5
7.5°	1439.5	1278.1	1175.2	1105.6	1042.2	982.2	905.3	816.1	726.8	637.6	547.4
5°	1453.9	1285.4	1180.1	1108.2	1044.1	985.2	910.4	820.6	730.8	641.1	551.0
2.5°	1461.4	1288.7	1183.6	1109.0	1044.5	986.2	913.5	823.4	733.3	643.3	553.1
0°	1461.9	1288.0	1184.9	1107.7	1043.3	985.3	914.5	824.3	734.1	644.0	553.8
-2.5°	1461.4	1288.7	1183.6	1109.0	1044.5	986.2	913.5	823.4	733.3	643.3	553.1
-5°	1453.9	1285.4	1180.1	1108.2	1044.1	985.2	910.4	820.6	730.8	641.1	551.0
-7.5°	1439.5	1278.1	1175.2	1105.6	1042.2	982.2	905.3	816.1	726.8	637.6	547.4
-10°	1418.4	1266.8	1169.4	1101.0	1038.6	977.2	898.4	809.7	721.1	632.6	542.5
-12.5°	1390.6	1251.7	1161.3	1094.4	1033.4	970.3	890.9	802.5	714.0	626.2	536.2
-15°	1356.3	1232.8	1150.9	1086.0	1026.7	961.6	881.4	794.0	706.5	618.8	528.5
-17.5°	1316.3	1210.3	1138.3	1075.7	1018.4	951.0	870.0	783.8	697.4	610.6	519.8
-20°	1287.6	1190.6	1123.9	1063.6	1008.6	938.6	856.7	771.8	686.7	600.8	510.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627857 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6C-727-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°	1258.0	1173.2	1109.0	1051.0	995.6	924.4	841.5	758.1	674.6	589.6	499.2
-25°	1224.9	1152.2	1093.0	1037.7	978.2	905.7	824.4	742.8	660.9	576.9	487.2
-27.5°	1196.1	1129.2	1075.8	1022.3	960.0	885.0	805.6	725.9	645.6	562.7	474.0
-30°	1166.3	1109.1	1057.3	1003.9	941.0	863.3	785.1	707.4	628.3	546.5	459.7
-32.5°	1135.1	1088.2	1036.5	981.9	916.8	839.4	763.0	687.5	609.2	528.6	445.3
-35°	1109.0	1063.3	1013.6	959.4	888.5	813.3	739.1	666.0	588.6	509.7	429.9
-37.5°	1079.7	1035.5	988.6	931.7	857.9	785.0	713.2	641.7	566.4	489.7	413.3
-40°	1049.4	1006.3	960.8	895.9	824.9	754.7	685.6	615.5	542.7	468.7	395.7
-42.5°	1018.4	974.3	923.0	858.0	789.7	722.4	656.1	588.4	518.2	447.1	376.9
-45°	981.9	937.8	882.9	818.5	752.4	688.2	625.0	560.1	492.4	424.3	357.0
-47.5°	943.0	897.3	840.5	777.4	713.3	652.6	593.1	530.2	465.6	400.4	336.2
-50°	903.2	853.4	794.7	734.7	673.8	617.0	559.9	499.2	437.7	375.6	314.3
-52.5°	855.9	802.9	747.3	690.6	634.4	580.6	524.5	467.0	408.8	349.7	291.5
-55°	801.7	751.0	698.6	645.2	593.2	541.2	488.0	433.8	378.9	322.8	268.2
-57.5°	744.0	697.4	647.2	597.8	548.3	499.4	450.4	399.6	347.4	294.9	247.0
-60°	682.4	638.1	593.2	546.3	500.3	456.2	411.8	363.9	314.6	266.9	225.3
-62.5°	615.3	575.8	534.1	491.7	451.3	411.9	371.9	326.1	280.9	241.1	203.0
-65°	546.2	510.0	472.8	437.2	401.7	366.1	328.5	287.3	249.9	214.6	180.1
-67.5°	475.9	445.3	413.6	382.2	351.2	318.6	284.2	251.2	219.0	187.5	156.9
-70°	409.0	381.7	354.9	328.2	300.3	271.4	244.0	215.7	187.5	160.6	133.3
-72.5°	343.4	321.1	298.1	274.4	251.6	228.2	204.1	180.1	156.9	133.3	109.3
-75°	279.6	261.6	243.2	224.2	204.6	184.7	165.8	145.9	125.9	105.6	88.1
-77.5°	219.5	204.7	189.4	175.3	160.7	145.1	128.6	111.3	96.4	82.5	67.8
-80°	163.2	153.1	142.5	131.5	118.8	105.5	93.8	82.5	71.5	59.8	47.3
-82.5°	111.3	104.2	97.0	89.4	80.7	72.1	63.8	55.6	46.5	36.9	30.3
-85°	63.4	58.8	54.0	49.0	43.7	38.6	35.6	32.5	28.3	24.2	20.3
-87.5°	26.1	24.8	23.5	22.1	20.7	19.3	17.8	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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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°	8.3	7.0	5.6	4.2	2.8	1.4	0.0
85°	16.6	13.9	11.2	8.4	5.6	2.8	0.0
82.5°	24.9	20.9	16.7	12.6	8.4	4.2	0.0
80°	34.4	27.7	22.3	16.7	11.2	5.6	0.0
77.5°	52.3	37.4	27.7	20.9	13.9	7.0	0.0
75°	70.2	52.3	34.4	24.9	16.6	8.3	0.0
72.5°	87.8	67.1	46.2	29.0	19.3	9.7	0.0
70°	105.6	81.6	57.8	33.9	22.0	11.0	0.0
67.5°	125.7	96.0	69.3	42.5	24.6	12.3	0.0
65°	145.4	111.1	80.6	51.0	27.2	13.6	0.0
62.5°	164.7	126.9	91.6	59.3	29.7	14.9	0.0
60°	183.4	142.3	102.5	67.4	32.2	16.1	0.0
57.5°	202.1	157.3	114.2	75.3	37.3	17.3	0.0
55°	220.5	171.8	125.7	83.0	42.4	18.5	0.0
52.5°	238.5	186.0	136.8	90.5	47.2	19.6	0.0
50°	255.9	200.7	147.5	97.7	51.9	20.7	0.0
47.5°	273.1	214.8	157.8	104.8	56.4	21.8	0.0
45°	291.0	228.5	167.6	112.2	60.7	22.8	0.0
42.5°	307.9	241.7	176.9	119.2	64.8	23.7	0.0
40°	324.0	254.4	186.4	125.6	68.6	24.7	0.0
37.5°	339.2	266.5	196.0	131.6	72.2	25.5	0.0
35°	353.4	278.3	205.1	137.3	75.6	26.4	0.0
32.5°	366.7	289.4	213.7	142.6	78.8	27.2	0.0
30°	378.9	299.7	221.8	147.5	81.7	27.9	0.0
27.5°	390.2	309.2	228.9	152.0	84.3	28.6	0.0
25°	400.4	317.9	235.4	156.1	86.7	29.2	0.0
22.5°	409.6	325.6	241.3	159.8	88.9	29.7	0.0
20°	417.7	332.2	246.5	163.1	90.7	30.3	0.0
17.5°	425.1	337.9	251.1	166.0	92.4	30.7	0.0
15°	431.7	342.8	255.0	168.5	93.7	31.1	0.0
12.5°	437.4	346.9	258.2	170.5	94.9	31.4	0.0
10°	442.1	350.1	260.7	172.0	95.7	31.7	0.0
7.5°	445.9	352.4	262.6	173.2	96.3	31.9	0.0
5°	448.6	353.9	263.8	173.9	96.7	32.1	0.0
2.5°	450.2	354.5	264.2	174.1	96.8	32.2	0.0
0°	450.8	354.2	264.0	173.9	96.6	32.2	0.0
-2.5°	450.2	354.5	264.2	174.1	96.8	32.2	0.0
-5°	448.6	353.9	263.8	173.9	96.7	32.1	0.0
-7.5°	445.9	352.4	262.6	173.2	96.3	31.9	0.0
-10°	442.1	350.1	260.7	172.0	95.7	31.7	0.0
-12.5°	437.4	346.9	258.2	170.5	94.9	31.4	0.0
-15°	431.7	342.8	255.0	168.5	93.7	31.1	0.0
-17.5°	425.1	337.9	251.1	166.0	92.4	30.7	0.0
-20°	417.7	332.2	246.5	163.1	90.7	30.3	0.0

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CATALOG NUMBER: GFLD-SA6C-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	409.6	325.6	241.3	159.8	88.9	29.7	0.0
-25°	400.4	317.9	235.4	156.1	86.7	29.2	0.0
-27.5°	390.2	309.2	228.9	152.0	84.3	28.6	0.0
-30°	378.9	299.7	221.8	147.5	81.7	27.9	0.0
-32.5°	366.7	289.4	213.7	142.6	78.8	27.2	0.0
-35°	353.4	278.3	205.1	137.3	75.6	26.4	0.0
-37.5°	339.2	266.5	196.0	131.6	72.2	25.5	0.0
-40°	324.0	254.4	186.4	125.6	68.6	24.7	0.0
-42.5°	307.9	241.7	176.9	119.2	64.8	23.7	0.0
-45°	291.0	228.5	167.6	112.2	60.7	22.8	0.0
-47.5°	273.1	214.8	157.8	104.8	56.4	21.8	0.0
-50°	255.9	200.7	147.5	97.7	51.9	20.7	0.0
-52.5°	238.5	186.0	136.8	90.5	47.2	19.6	0.0
-55°	220.5	171.8	125.7	83.0	42.4	18.5	0.0
-57.5°	202.1	157.3	114.2	75.3	37.3	17.3	0.0
-60°	183.4	142.3	102.5	67.4	32.2	16.1	0.0
-62.5°	164.7	126.9	91.6	59.3	29.7	14.9	0.0
-65°	145.4	111.1	80.6	51.0	27.2	13.6	0.0
-67.5°	125.7	96.0	69.3	42.5	24.6	12.3	0.0
-70°	105.6	81.6	57.8	33.9	22.0	11.0	0.0
-72.5°	87.8	67.1	46.2	29.0	19.3	9.7	0.0
-75°	70.2	52.3	34.4	24.9	16.6	8.3	0.0
-77.5°	52.3	37.4	27.7	20.9	13.9	7.0	0.0
-80°	34.4	27.7	22.3	16.7	11.2	5.6	0.0
-82.5°	24.9	20.9	16.7	12.6	8.4	4.2	0.0
-85°	16.6	13.9	11.2	8.4	5.6	2.8	0.0
-87.5°	8.3	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)