

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: P627943 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6D-735-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627943 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA6D-735-U-WR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, WIDE SYMMETRICAL ROUND N146
Light Source: (96) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

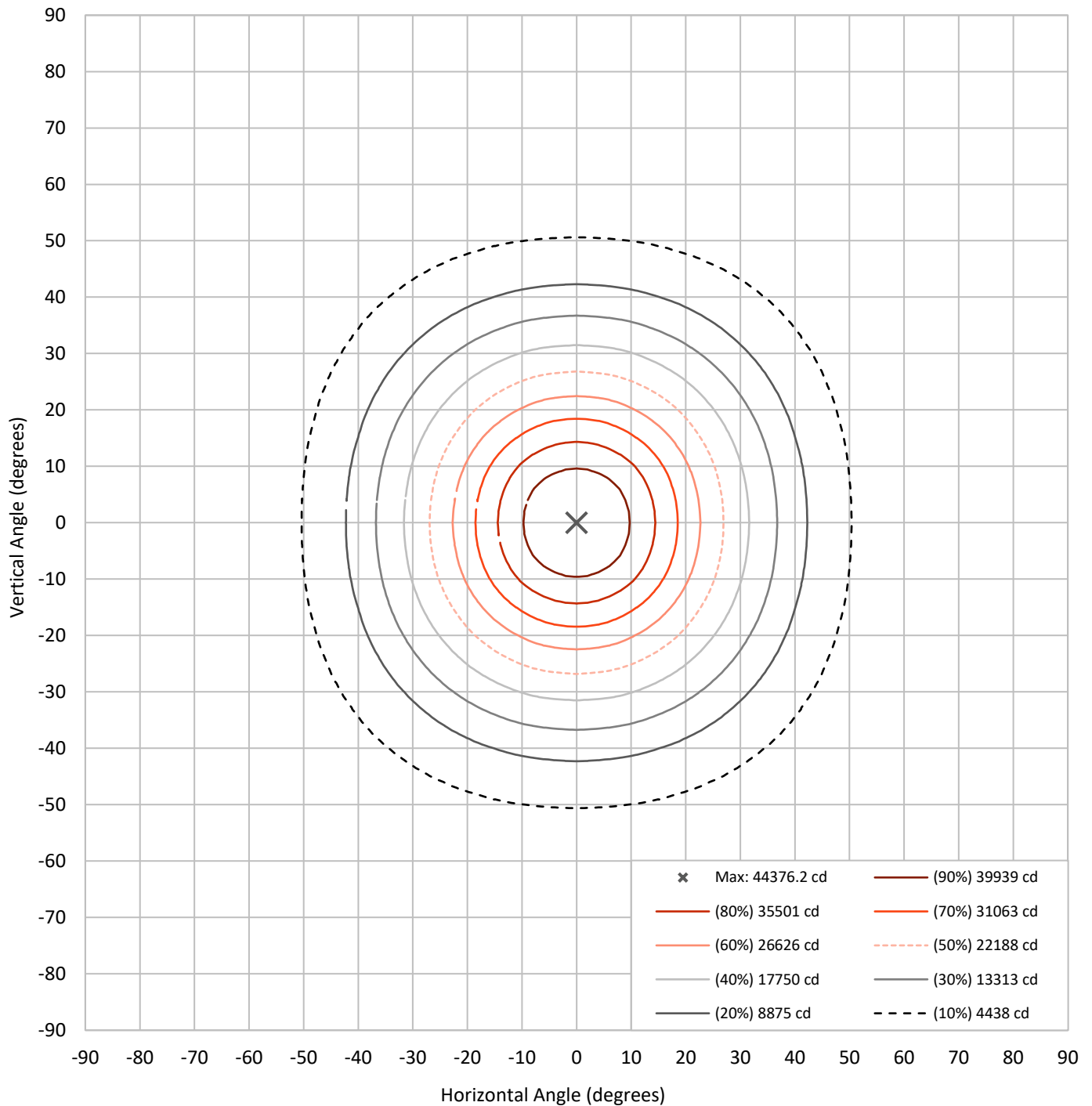
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	45164.6 lumens	Max Intensity:	44376.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	138.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	21595 lumens	Field Lumens:	39859.4 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	325.9		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





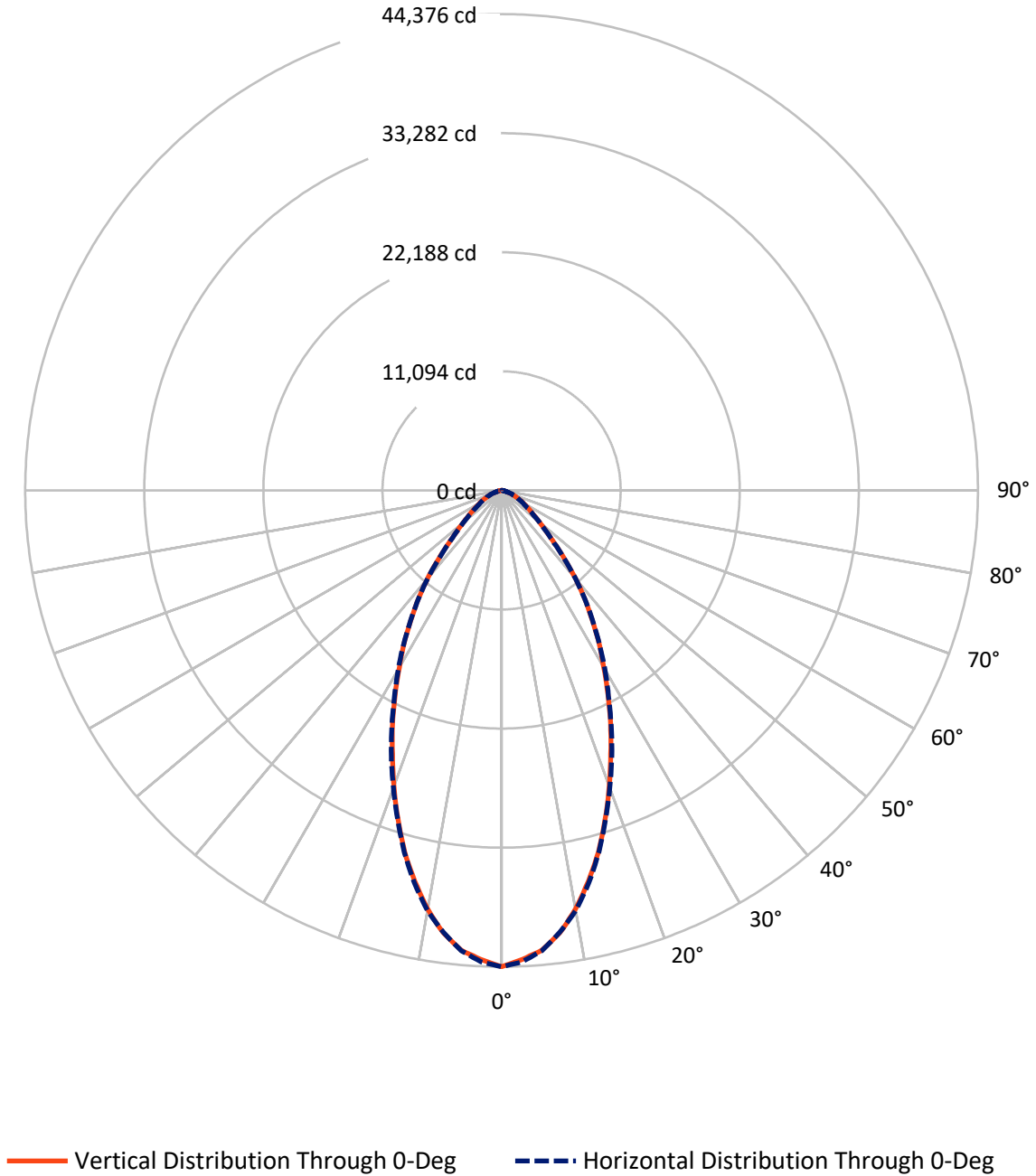
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Lumen Table

90																			
80	1.7	12.5		28.4		47.3		40.5		47.3		28.4		12.5		1.7			
70																			
60	5.9	6.9	12.9	20.8	30.1	39.1	45.9	49.1	49.1	45.9	39.1	30.1	20.8	12.9	6.9	5.9			
50		9.7	19.6	33.9	52.0	71.5	89.2	99.5	99.5	89.2	71.5	52.0	33.9	19.6	9.7				
40	8.6	12.4	27.0	50.6	85.3	131.1	180.7	213.8	213.8	180.7	131.1	85.3	50.6	27.0	12.4	8.6			
30		15.1	35.5	73.5	143.2	254.2	369.3	438.1	438.1	369.3	254.2	143.2	73.5	35.5	15.1				
20	10.2	17.7	44.2	102.9	231.4	416.0	595.2	711.5	711.5	595.2	416.0	231.4	102.9	44.2	17.7	10.2			
10		19.6	51.8	133.5	315.8	561.7	829.3	1020.2	1020.2	829.3	561.7	315.8	133.5	51.8	19.6				
0	10.7	20.6	56.1	153.3	363.6	653.0	993.7	1249.7	1249.7	993.7	653.0	363.6	153.3	56.1	20.6	10.7			
-10		20.6	56.1	153.3	363.6	653.0	993.7	1249.7	1249.7	993.7	653.0	363.6	153.3	56.1	20.6				
-20	10.2	19.6	51.8	133.5	315.8	561.7	829.3	1020.2	1020.2	829.3	561.7	315.8	133.5	51.8	19.6	10.2			
-30		17.7	44.2	102.9	231.4	416.0	595.2	711.5	711.5	595.2	416.0	231.4	102.9	44.2	17.7				
-40	8.6	15.1	35.5	73.5	143.2	254.2	369.3	438.1	438.1	369.3	254.2	143.2	73.5	35.5	15.1	8.6			
-50		12.4	27.0	50.6	85.3	131.1	180.7	213.8	213.8	180.7	131.1	85.3	50.6	27.0	12.4				
-60	5.9	9.7	19.6	33.9	52.0	71.5	89.2	99.5	99.5	89.2	71.5	52.0	33.9	19.6	9.7	5.9			
-70		6.9	12.9	20.8	30.1	39.1	45.9	49.1	49.1	45.9	39.1	30.1	20.8	12.9	6.9				
-80	1.7	12.5		28.4		47.3		40.5		47.3		28.4		12.5		1.7			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

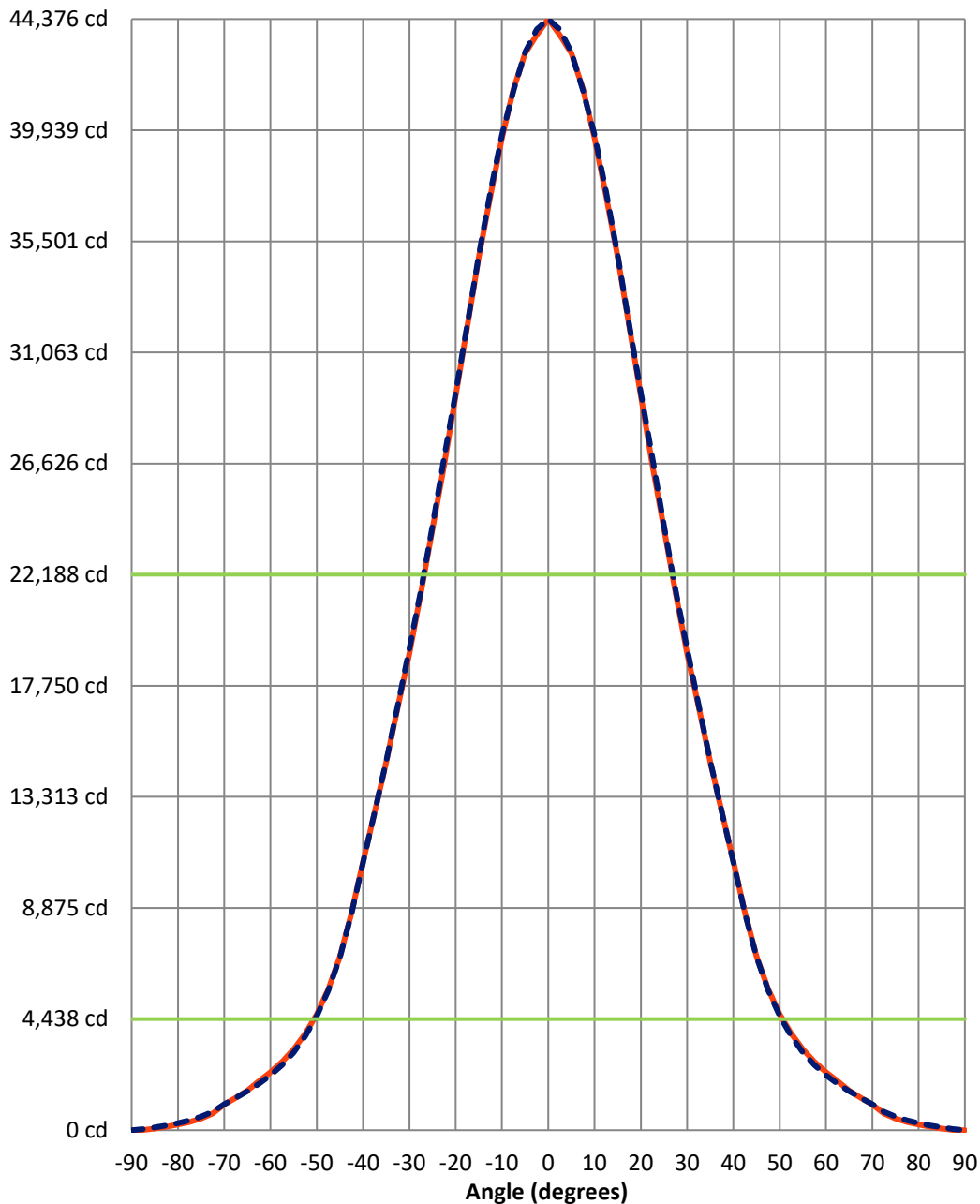
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 21595
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 39859.4
 Efficiency: 88.3%

Spill:
 Lumens: 5305.3
 Efficiency: 11.7%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	2.3	5.2	8.5	12.2	16.4	21.1	23.3	25.2	26.7	27.9
85°	0.0	4.5	10.4	17.0	24.4	32.8	42.1	46.7	50.4	53.5	55.8
82.5°	0.0	6.7	15.5	25.4	36.6	49.1	62.9	70.0	77.2	89.5	100.4
80°	0.0	9.0	20.6	33.7	48.5	65.2	85.5	106.2	124.3	140.5	154.7
77.5°	0.0	11.2	25.6	41.9	60.3	84.8	122.0	148.9	171.3	191.4	211.4
75°	0.0	13.3	30.5	50.0	73.1	110.8	157.6	191.5	218.4	245.6	274.9
72.5°	0.0	15.4	35.4	57.9	90.5	136.1	192.0	233.2	265.6	300.3	337.3
70°	0.0	17.5	40.1	66.2	107.4	160.4	224.6	272.6	311.9	354.1	403.7
67.5°	0.0	19.6	44.7	76.4	123.5	183.6	252.9	311.2	357.4	409.7	469.2
65°	0.0	21.6	49.1	86.3	138.8	204.9	279.8	348.9	402.2	463.3	531.2
62.5°	0.0	23.5	53.4	95.6	153.3	224.3	305.2	384.6	445.3	514.7	588.9
60°	0.0	25.3	57.5	104.3	166.8	242.6	329.0	418.5	486.3	564.4	644.9
57.5°	0.0	27.1	62.4	112.5	179.3	259.7	350.5	449.0	527.8	612.5	696.5
55°	0.0	28.9	67.2	120.1	191.0	275.4	370.4	473.3	568.5	658.5	745.7
52.5°	0.0	30.5	71.8	127.0	201.7	289.7	388.5	499.8	607.5	702.4	794.0
50°	0.0	32.1	76.3	133.3	211.5	302.9	405.0	524.7	645.1	745.2	846.9
47.5°	0.0	33.6	80.5	139.0	220.2	314.8	420.3	547.4	682.3	786.8	898.8
45°	0.0	35.0	84.4	144.6	227.9	325.3	437.5	567.7	709.0	831.9	949.0
42.5°	0.0	36.3	88.2	149.6	234.5	334.5	452.9	587.7	733.3	875.3	1001.0
40°	0.0	37.5	91.7	155.1	240.5	342.2	466.3	607.0	757.5	915.6	1051.3
37.5°	0.0	38.6	95.0	160.7	245.8	348.6	477.9	624.6	783.9	947.5	1099.1
35°	0.0	39.6	98.1	165.9	250.1	355.7	487.4	640.2	809.2	982.4	1147.9
32.5°	0.0	40.6	100.8	170.6	253.4	362.4	496.2	653.9	833.3	1018.0	1197.8
30°	0.0	41.4	103.4	174.8	255.7	367.7	505.9	667.2	856.1	1053.9	1244.9
27.5°	0.0	42.2	105.6	178.5	261.2	371.4	513.9	683.7	879.9	1089.9	1288.9
25°	0.0	42.8	107.7	181.8	266.4	373.7	520.1	698.5	906.5	1125.3	1330.1
22.5°	0.0	43.3	109.4	184.6	271.1	376.6	524.5	711.5	931.8	1157.7	1375.1
20°	0.0	43.8	110.9	186.9	275.0	383.4	527.0	722.5	955.7	1186.8	1415.4
17.5°	0.0	44.1	112.1	188.7	278.4	389.1	533.0	731.4	977.7	1212.5	1450.8
15°	0.0	44.4	113.0	190.0	281.0	393.5	540.1	739.8	997.4	1234.6	1481.3
12.5°	0.0	44.5	113.7	190.9	283.0	396.7	545.2	747.3	1014.2	1253.1	1506.6
10°	0.0	44.6	114.1	191.2	284.3	398.7	548.4	751.5	1027.2	1268.5	1527.2
7.5°	0.0	44.5	114.2	191.2	284.9	399.6	549.7	752.4	1036.4	1280.4	1543.2
5°	0.0	44.4	114.0	190.6	284.7	399.2	549.2	750.2	1041.4	1288.5	1553.8
2.5°	0.0	44.2	113.6	189.6	283.9	397.8	546.8	745.0	1042.0	1292.5	1559.0
0°	0.0	43.9	112.9	188.2	282.3	395.2	542.6	737.0	1038.1	1292.2	1558.8
-2.5°	0.0	44.2	113.6	189.6	283.9	397.8	546.8	745.0	1042.0	1292.5	1559.0
-5°	0.0	44.4	114.0	190.6	284.7	399.2	549.2	750.2	1041.4	1288.5	1553.8
-7.5°	0.0	44.5	114.2	191.2	284.9	399.6	549.7	752.4	1036.4	1280.4	1543.2
-10°	0.0	44.6	114.1	191.2	284.3	398.7	548.4	751.5	1027.2	1268.5	1527.2
-12.5°	0.0	44.5	113.7	190.9	283.0	396.7	545.2	747.3	1014.2	1253.1	1506.6
-15°	0.0	44.4	113.0	190.0	281.0	393.5	540.1	739.8	997.4	1234.6	1481.3
-17.5°	0.0	44.1	112.1	188.7	278.4	389.1	533.0	731.4	977.7	1212.5	1450.8
-20°	0.0	43.8	110.9	186.9	275.0	383.4	527.0	722.5	955.7	1186.8	1415.4

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	43.3	109.4	184.6	271.1	376.6	524.5	711.5	931.8	1157.7	1375.1
-25°	0.0	42.8	107.7	181.8	266.4	373.7	520.1	698.5	906.5	1125.3	1330.1
-27.5°	0.0	42.2	105.6	178.5	261.2	371.4	513.9	683.7	879.9	1089.9	1288.9
-30°	0.0	41.4	103.4	174.8	255.7	367.7	505.9	667.2	856.1	1053.9	1244.9
-32.5°	0.0	40.6	100.8	170.6	253.4	362.4	496.2	653.9	833.3	1018.0	1197.8
-35°	0.0	39.6	98.1	165.9	250.1	355.7	487.4	640.2	809.2	982.4	1147.9
-37.5°	0.0	38.6	95.0	160.7	245.8	348.6	477.9	624.6	783.9	947.5	1099.1
-40°	0.0	37.5	91.7	155.1	240.5	342.2	466.3	607.0	757.5	915.6	1051.3
-42.5°	0.0	36.3	88.2	149.6	234.5	334.5	452.9	587.7	733.3	875.3	1001.0
-45°	0.0	35.0	84.4	144.6	227.9	325.3	437.5	567.7	709.0	831.9	949.0
-47.5°	0.0	33.6	80.5	139.0	220.2	314.8	420.3	547.4	682.3	786.8	898.8
-50°	0.0	32.1	76.3	133.3	211.5	302.9	405.0	524.7	645.1	745.2	846.9
-52.5°	0.0	30.5	71.8	127.0	201.7	289.7	388.5	499.8	607.5	702.4	794.0
-55°	0.0	28.9	67.2	120.1	191.0	275.4	370.4	473.3	568.5	658.5	745.7
-57.5°	0.0	27.1	62.4	112.5	179.3	259.7	350.5	449.0	527.8	612.5	696.5
-60°	0.0	25.3	57.5	104.3	166.8	242.6	329.0	418.5	486.3	564.4	644.9
-62.5°	0.0	23.5	53.4	95.6	153.3	224.3	305.2	384.6	445.3	514.7	588.9
-65°	0.0	21.6	49.1	86.3	138.8	204.9	279.8	348.9	402.2	463.3	531.2
-67.5°	0.0	19.6	44.7	76.4	123.5	183.6	252.9	311.2	357.4	409.7	469.2
-70°	0.0	17.5	40.1	66.2	107.4	160.4	224.6	272.6	311.9	354.1	403.7
-72.5°	0.0	15.4	35.4	57.9	90.5	136.1	192.0	233.2	265.6	300.3	337.3
-75°	0.0	13.3	30.5	50.0	73.1	110.8	157.6	191.5	218.4	245.6	274.9
-77.5°	0.0	11.2	25.6	41.9	60.3	84.8	122.0	148.9	171.3	191.4	211.4
-80°	0.0	9.0	20.6	33.7	48.5	65.2	85.5	106.2	124.3	140.5	154.7
-82.5°	0.0	6.7	15.5	25.4	36.6	49.1	62.9	70.0	77.2	89.5	100.4
-85°	0.0	4.5	10.4	17.0	24.4	32.8	42.1	46.7	50.4	53.5	55.8
-87.5°	0.0	2.3	5.2	8.5	12.2	16.4	21.1	23.3	25.2	26.7	27.9
-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°	28.3	28.2	27.8	27.0	25.8	24.2	22.3	20.0	20.8	21.6	22.4
85°	56.6	56.6	61.2	65.5	67.6	67.8	66.5	63.6	71.9	81.4	91.4
82.5°	110.4	120.0	129.0	137.5	138.4	136.2	132.0	127.1	143.9	164.2	185.4
80°	169.3	183.4	199.7	214.9	218.4	216.9	212.2	204.4	226.5	257.8	291.6
77.5°	234.9	257.3	278.2	297.4	303.0	302.2	298.6	292.4	320.5	363.9	408.9
75°	304.1	331.3	358.2	381.8	391.9	392.7	391.6	398.2	435.3	486.0	530.7
72.5°	376.2	410.8	441.2	467.2	483.5	495.9	512.3	532.5	569.9	619.6	663.5
70°	452.5	490.9	522.9	551.8	576.7	603.8	638.5	672.9	712.3	762.0	807.6
67.5°	527.9	566.8	602.9	638.4	683.7	727.1	770.3	815.3	865.0	917.2	963.3
65°	597.7	641.6	685.7	737.2	796.2	845.3	898.6	957.1	1022.3	1081.0	1134.5
62.5°	664.6	714.2	768.8	831.0	894.8	956.4	1027.9	1103.1	1179.2	1252.9	1325.9
60°	721.2	782.9	849.1	919.4	993.1	1077.0	1160.8	1250.2	1341.1	1429.8	1520.2
57.5°	775.6	851.9	928.1	1010.1	1101.9	1197.8	1298.4	1399.1	1507.7	1615.1	1717.8
55°	832.0	921.9	1008.7	1105.8	1211.0	1323.6	1437.2	1559.4	1679.4	1814.6	1939.3
52.5°	892.3	990.1	1092.2	1203.3	1326.1	1453.1	1586.3	1726.4	1875.8	2026.0	2178.4
50°	951.0	1061.4	1174.9	1307.9	1445.3	1590.3	1744.2	1907.3	2081.2	2255.2	2439.7
47.5°	1012.5	1130.3	1269.0	1413.3	1570.7	1735.9	1910.1	2104.1	2297.4	2516.4	2728.0
45°	1073.2	1208.6	1359.1	1526.8	1699.6	1885.6	2092.8	2305.9	2552.6	2800.0	3078.0
42.5°	1131.4	1287.6	1457.4	1636.6	1833.4	2047.1	2276.4	2544.3	2822.5	3128.8	3455.0
40°	1198.4	1363.1	1554.4	1754.7	1967.9	2212.2	2488.1	2785.6	3124.9	3487.7	3858.4
37.5°	1263.2	1448.2	1649.9	1867.3	2114.8	2389.9	2694.6	3059.1	3450.7	3863.1	4367.4
35°	1324.1	1529.3	1748.5	1986.6	2254.6	2573.4	2937.8	3340.6	3791.8	4323.8	4912.2
32.5°	1388.7	1606.0	1841.5	2108.7	2411.9	2760.2	3174.1	3648.3	4182.2	4788.1	5524.3
30°	1453.8	1685.0	1933.8	2222.9	2560.3	2963.4	3433.6	3957.8	4572.0	5331.8	6196.1
27.5°	1513.9	1758.8	2031.4	2344.0	2704.6	3150.7	3683.0	4297.5	5021.1	5879.8	6889.3
25°	1569.3	1826.0	2121.1	2459.3	2863.8	3353.0	3930.2	4610.6	5470.4	6494.3	7736.3
22.5°	1622.0	1887.3	2202.1	2563.0	3007.1	3548.8	4198.4	4977.0	5927.4	7076.5	8566.0
20°	1671.5	1953.5	2282.6	2662.2	3135.2	3725.6	4445.0	5319.0	6400.5	7760.9	9379.6
17.5°	1715.0	2011.9	2358.7	2769.4	3278.1	3905.2	4677.6	5621.0	6821.7	8372.1	10130.4
15°	1752.3	2062.3	2424.6	2862.3	3406.7	4083.8	4921.7	5952.1	7261.0	8928.0	10789.6
12.5°	1783.5	2104.4	2479.9	2940.5	3514.7	4234.8	5130.1	6247.2	7689.0	9451.5	11368.3
10°	1808.3	2138.2	2524.5	3003.6	3601.8	4357.4	5301.9	6488.6	8045.1	9900.3	11857.9
7.5°	1828.9	2164.6	2558.6	3051.5	3667.8	4451.0	5435.6	6674.9	8323.4	10255.6	12233.6
5°	1843.6	2183.6	2584.6	3084.9	3716.1	4516.4	5529.1	6805.2	8521.4	10513.1	12490.5
2.5°	1851.9	2193.8	2599.5	3102.8	3745.8	4553.3	5578.2	6887.0	8630.2	10660.1	12645.7
0°	1853.6	2195.4	2603.2	3105.0	3754.2	4560.3	5585.8	6912.5	8653.2	10698.1	12702.2
-2.5°	1851.9	2193.8	2599.5	3102.8	3745.8	4553.3	5578.2	6887.0	8630.2	10660.1	12645.7
-5°	1843.6	2183.6	2584.6	3084.9	3716.1	4516.4	5529.1	6805.2	8521.4	10513.1	12490.5
-7.5°	1828.9	2164.6	2558.6	3051.5	3667.8	4451.0	5435.6	6674.9	8323.4	10255.6	12233.6
-10°	1808.3	2138.2	2524.5	3003.6	3601.8	4357.4	5301.9	6488.6	8045.1	9900.3	11857.9
-12.5°	1783.5	2104.4	2479.9	2940.5	3514.7	4234.8	5130.1	6247.2	7689.0	9451.5	11368.3
-15°	1752.3	2062.3	2424.6	2862.3	3406.7	4083.8	4921.7	5952.1	7261.0	8928.0	10789.6
-17.5°	1715.0	2011.9	2358.7	2769.4	3278.1	3905.2	4677.6	5621.0	6821.7	8372.1	10130.4
-20°	1671.5	1953.5	2282.6	2662.2	3135.2	3725.6	4445.0	5319.0	6400.5	7760.9	9379.6



REPORT NUMBER: P627943 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1622.0	1887.3	2202.1	2563.0	3007.1	3548.8	4198.4	4977.0	5927.4	7076.5	8566.0
-25°	1569.3	1826.0	2121.1	2459.3	2863.8	3353.0	3930.2	4610.6	5470.4	6494.3	7736.3
-27.5°	1513.9	1758.8	2031.4	2344.0	2704.6	3150.7	3683.0	4297.5	5021.1	5879.8	6889.3
-30°	1453.8	1685.0	1933.8	2222.9	2560.3	2963.4	3433.6	3957.8	4572.0	5331.8	6196.1
-32.5°	1388.7	1606.0	1841.5	2108.7	2411.9	2760.2	3174.1	3648.3	4182.2	4788.1	5524.3
-35°	1324.1	1529.3	1748.5	1986.6	2254.6	2573.4	2937.8	3340.6	3791.8	4323.8	4912.2
-37.5°	1263.2	1448.2	1649.9	1867.3	2114.8	2389.9	2694.6	3059.1	3450.7	3863.1	4367.4
-40°	1198.4	1363.1	1554.4	1754.7	1967.9	2212.2	2488.1	2785.6	3124.9	3487.7	3858.4
-42.5°	1131.4	1287.6	1457.4	1636.6	1833.4	2047.1	2276.4	2544.3	2822.5	3128.8	3455.0
-45°	1073.2	1208.6	1359.1	1526.8	1699.6	1885.6	2092.8	2305.9	2552.6	2800.0	3078.0
-47.5°	1012.5	1130.3	1269.0	1413.3	1570.7	1735.9	1910.1	2104.1	2297.4	2516.4	2728.0
-50°	951.0	1061.4	1174.9	1307.9	1445.3	1590.3	1744.2	1907.3	2081.2	2255.2	2439.7
-52.5°	892.3	990.1	1092.2	1203.3	1326.1	1453.1	1586.3	1726.4	1875.8	2026.0	2178.4
-55°	832.0	921.9	1008.7	1105.8	1211.0	1323.6	1437.2	1559.4	1679.4	1814.6	1939.3
-57.5°	775.6	851.9	928.1	1010.1	1101.9	1197.8	1298.4	1399.1	1507.7	1615.1	1717.8
-60°	721.2	782.9	849.1	919.4	993.1	1077.0	1160.8	1250.2	1341.1	1429.8	1520.2
-62.5°	664.6	714.2	768.8	831.0	894.8	956.4	1027.9	1103.1	1179.2	1252.9	1325.9
-65°	597.7	641.6	685.7	737.2	796.2	845.3	898.6	957.1	1022.3	1081.0	1134.5
-67.5°	527.9	566.8	602.9	638.4	683.7	727.1	770.3	815.3	865.0	917.2	963.3
-70°	452.5	490.9	522.9	551.8	576.7	603.8	638.5	672.9	712.3	762.0	807.6
-72.5°	376.2	410.8	441.2	467.2	483.5	495.9	512.3	532.5	569.9	619.6	663.5
-75°	304.1	331.3	358.2	381.8	391.9	392.7	391.6	398.2	435.3	486.0	530.7
-77.5°	234.9	257.3	278.2	297.4	303.0	302.2	298.6	292.4	320.5	363.9	408.9
-80°	169.3	183.4	199.7	214.9	218.4	216.9	212.2	204.4	226.5	257.8	291.6
-82.5°	110.4	120.0	129.0	137.5	138.4	136.2	132.0	127.1	143.9	164.2	185.4
-85°	56.6	56.6	61.2	65.5	67.6	67.8	66.5	63.6	71.9	81.4	91.4
-87.5°	28.3	28.2	27.8	27.0	25.8	24.2	22.3	20.0	20.8	21.6	22.4
-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: P627943 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-WR-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°	23.1	22.5	21.7	20.9	19.9	19.6	19.2	18.7	18.2	16.8	15.4
85°	102.0	104.3	105.6	106.2	106.2	109.6	112.8	115.7	118.2	107.2	95.0
82.5°	207.4	217.2	225.7	234.2	242.5	248.3	252.7	255.9	257.9	233.5	206.0
80°	326.5	346.9	363.8	380.0	395.5	399.4	399.3	397.1	392.9	359.5	321.6
77.5°	454.1	480.8	502.0	523.1	543.8	551.5	555.1	558.0	559.9	518.5	467.6
75°	569.7	601.6	631.4	659.0	684.4	698.0	706.0	712.5	717.5	676.0	621.4
72.5°	701.7	735.5	767.7	798.3	825.3	843.1	854.8	864.4	871.9	848.3	814.1
70°	846.8	881.7	915.7	947.5	978.1	1002.2	1021.1	1037.4	1050.9	1053.5	1052.4
67.5°	1007.9	1049.1	1089.6	1124.3	1160.6	1194.6	1224.4	1249.2	1269.1	1282.1	1289.4
65°	1188.7	1250.7	1306.0	1352.9	1392.1	1437.3	1477.4	1507.9	1529.4	1545.8	1559.8
62.5°	1401.8	1477.0	1540.2	1602.6	1667.0	1729.6	1768.7	1808.0	1846.3	1882.6	1913.5
60°	1606.9	1689.4	1774.9	1854.6	1928.4	1996.2	2066.5	2128.7	2183.2	2228.7	2262.7
57.5°	1825.5	1925.9	2023.1	2124.3	2219.6	2308.4	2395.2	2475.2	2544.5	2602.7	2650.3
55°	2062.6	2185.4	2301.0	2429.5	2554.1	2667.6	2772.2	2879.4	2975.9	3060.9	3128.3
52.5°	2318.4	2478.0	2631.1	2782.0	2943.4	3089.1	3219.5	3368.1	3499.8	3608.7	3693.5
50°	2623.7	2811.4	3013.4	3200.5	3404.0	3604.5	3789.4	3968.4	4143.6	4295.1	4417.6
47.5°	2971.5	3202.4	3452.7	3700.6	3953.3	4227.4	4472.0	4699.3	4944.1	5156.8	5327.3
45°	3358.0	3652.4	3954.8	4303.1	4624.1	4976.2	5302.1	5594.9	5942.1	6248.0	6494.3
42.5°	3786.8	4178.9	4576.5	5015.3	5441.1	5888.2	6363.1	6784.3	7244.9	7684.0	8038.8
40°	4318.2	4787.0	5319.5	5850.6	6461.8	7036.0	7727.7	8356.4	8927.3	9450.9	9880.0
37.5°	4908.7	5512.3	6181.2	6873.1	7709.4	8529.1	9338.9	10103.4	10778.3	11351.4	11832.1
35°	5579.3	6346.1	7156.3	8166.4	9146.2	10128.0	11042.6	11878.2	12612.3	13258.8	13808.6
32.5°	6350.4	7270.8	8405.1	9539.8	10657.5	11738.4	12742.6	13653.9	14459.0	15184.9	15817.1
30°	7161.2	8417.0	9690.1	10934.9	12155.6	13339.6	14441.7	15445.5	16355.2	17163.4	17891.7
27.5°	8191.5	9583.2	10971.4	12313.3	13656.3	14952.1	16146.5	17261.6	18305.5	19218.9	20051.4
25°	9188.1	10725.5	12201.2	13664.3	15126.2	16517.5	17853.0	19112.5	20308.0	21356.3	22285.8
22.5°	10184.5	11793.7	13370.6	14943.9	16514.2	18065.2	19564.7	21007.8	22344.7	23538.5	24584.8
20°	11107.3	12789.6	14475.9	16172.0	17874.1	19571.8	21256.1	22880.0	24369.4	25747.6	26958.7
17.5°	11934.7	13723.8	15511.7	17325.8	19171.0	21014.2	22885.1	24705.6	26408.4	27976.5	29381.4
15°	12667.4	14534.3	16454.4	18412.0	20393.4	22395.3	24436.7	26473.5	28390.3	30171.4	31739.8
12.5°	13308.0	15248.9	17261.4	19341.4	21492.0	23672.8	25900.7	28133.3	30255.3	32311.6	34005.1
10°	13836.6	15856.7	17960.1	20145.7	22413.6	24760.7	27151.0	29554.3	31892.1	34073.4	36010.1
7.5°	14244.8	16340.5	18508.1	20781.2	23160.6	25635.6	28167.7	30718.1	33212.9	35563.3	37706.2
5°	14532.8	16692.7	18887.6	21252.1	23714.1	26279.0	28910.6	31568.3	34176.4	36647.7	38868.6
2.5°	14699.9	16904.2	19108.5	21538.2	24043.3	26668.3	29371.3	32072.7	34749.6	37312.8	39595.0
0°	14744.0	16967.7	19235.2	21568.7	24146.8	26850.3	29456.6	32166.4	34948.4	37476.3	39750.1
-2.5°	14699.9	16904.2	19108.5	21538.2	24043.3	26668.3	29371.3	32072.7	34749.6	37312.8	39595.0
-5°	14532.8	16692.7	18887.6	21252.1	23714.1	26279.0	28910.6	31568.3	34176.4	36647.7	38868.6
-7.5°	14244.8	16340.5	18508.1	20781.2	23160.6	25635.6	28167.7	30718.1	33212.9	35563.3	37706.2
-10°	13836.6	15856.7	17960.1	20145.7	22413.6	24760.7	27151.0	29554.3	31892.1	34073.4	36010.1
-12.5°	13308.0	15248.9	17261.4	19341.4	21492.0	23672.8	25900.7	28133.3	30255.3	32311.6	34005.1
-15°	12667.4	14534.3	16454.4	18412.0	20393.4	22395.3	24436.7	26473.5	28390.3	30171.4	31739.8
-17.5°	11934.7	13723.8	15511.7	17325.8	19171.0	21014.2	22885.1	24705.6	26408.4	27976.5	29381.4
-20°	11107.3	12789.6	14475.9	16172.0	17874.1	19571.8	21256.1	22880.0	24369.4	25747.6	26958.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627943 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	10184.5	11793.7	13370.6	14943.9	16514.2	18065.2	19564.7	21007.8	22344.7	23538.5	24584.8
-25°	9188.1	10725.5	12201.2	13664.3	15126.2	16517.5	17853.0	19112.5	20308.0	21356.3	22285.8
-27.5°	8191.5	9583.2	10971.4	12313.3	13656.3	14952.1	16146.5	17261.6	18305.5	19218.9	20051.4
-30°	7161.2	8417.0	9690.1	10934.9	12155.6	13339.6	14441.7	15445.5	16355.2	17163.4	17891.7
-32.5°	6350.4	7270.8	8405.1	9539.8	10657.5	11738.4	12742.6	13653.9	14459.0	15184.9	15817.1
-35°	5579.3	6346.1	7156.3	8166.4	9146.2	10128.0	11042.6	11878.2	12612.3	13258.8	13808.6
-37.5°	4908.7	5512.3	6181.2	6873.1	7709.4	8529.1	9338.9	10103.4	10778.3	11351.4	11832.1
-40°	4318.2	4787.0	5319.5	5850.6	6461.8	7036.0	7727.7	8356.4	8927.3	9450.9	9880.0
-42.5°	3786.8	4178.9	4576.5	5015.3	5441.1	5888.2	6363.1	6784.3	7244.9	7684.0	8038.8
-45°	3358.0	3652.4	3954.8	4303.1	4624.1	4976.2	5302.1	5594.9	5942.1	6248.0	6494.3
-47.5°	2971.5	3202.4	3452.7	3700.6	3953.3	4227.4	4472.0	4699.3	4944.1	5156.8	5327.3
-50°	2623.7	2811.4	3013.4	3200.5	3404.0	3604.5	3789.4	3968.4	4143.6	4295.1	4417.6
-52.5°	2318.4	2478.0	2631.1	2782.0	2943.4	3089.1	3219.5	3368.1	3499.8	3608.7	3693.5
-55°	2062.6	2185.4	2301.0	2429.5	2554.1	2667.6	2772.2	2879.4	2975.9	3060.9	3128.3
-57.5°	1825.5	1925.9	2023.1	2124.3	2219.6	2308.4	2395.2	2475.2	2544.5	2602.7	2650.3
-60°	1606.9	1689.4	1774.9	1854.6	1928.4	1996.2	2066.5	2128.7	2183.2	2228.7	2262.7
-62.5°	1401.8	1477.0	1540.2	1602.6	1667.0	1729.6	1768.7	1808.0	1846.3	1882.6	1913.5
-65°	1188.7	1250.7	1306.0	1352.9	1392.1	1437.3	1477.4	1507.9	1529.4	1545.8	1559.8
-67.5°	1007.9	1049.1	1089.6	1124.3	1160.6	1194.6	1224.4	1249.2	1269.1	1282.1	1289.4
-70°	846.8	881.7	915.7	947.5	978.1	1002.2	1021.1	1037.4	1050.9	1053.5	1052.4
-72.5°	701.7	735.5	767.7	798.3	825.3	843.1	854.8	864.4	871.9	848.3	814.1
-75°	569.7	601.6	631.4	659.0	684.4	698.0	706.0	712.5	717.5	676.0	621.4
-77.5°	454.1	480.8	502.0	523.1	543.8	551.5	555.1	558.0	559.9	518.5	467.6
-80°	326.5	346.9	363.8	380.0	395.5	399.4	399.3	397.1	392.9	359.5	321.6
-82.5°	207.4	217.2	225.7	234.2	242.5	248.3	252.7	255.9	257.9	233.5	206.0
-85°	102.0	104.3	105.6	106.2	106.2	109.6	112.8	115.7	118.2	107.2	95.0
-87.5°	23.1	22.5	21.7	20.9	19.9	19.6	19.2	18.7	18.2	16.8	15.4
-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: P627943 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-WR-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°	14.0	12.5	10.9	9.4	10.9	12.5	14.0	15.4	16.8	18.2	18.7
85°	82.1	68.7	67.3	65.9	67.3	68.7	82.1	95.0	107.2	118.2	115.7
82.5°	177.1	147.0	142.5	138.0	142.5	147.0	177.1	206.0	233.5	257.9	255.9
80°	282.1	241.3	233.4	225.8	233.4	241.3	282.1	321.6	359.5	392.9	397.1
77.5°	413.9	358.0	341.7	326.2	341.7	358.0	413.9	467.6	518.5	559.9	558.0
75°	564.6	505.8	486.0	467.3	486.0	505.8	564.6	621.4	676.0	717.5	712.5
72.5°	779.6	743.8	707.6	668.0	707.6	743.8	779.6	814.1	848.3	871.9	864.4
70°	1051.3	1048.8	1039.7	1025.6	1039.7	1048.8	1051.3	1052.4	1053.5	1050.9	1037.4
67.5°	1292.6	1291.5	1294.7	1295.3	1294.7	1291.5	1292.6	1289.4	1282.1	1269.1	1249.2
65°	1568.3	1571.3	1577.8	1580.7	1577.8	1571.3	1568.3	1559.8	1545.8	1529.4	1507.9
62.5°	1937.2	1953.2	1961.1	1960.2	1961.1	1953.2	1937.2	1913.5	1882.6	1846.3	1808.0
60°	2288.0	2304.7	2315.1	2317.8	2315.1	2304.7	2288.0	2262.7	2228.7	2183.2	2128.7
57.5°	2688.0	2715.2	2729.7	2731.8	2729.7	2715.2	2688.0	2650.3	2602.7	2544.5	2475.2
55°	3180.0	3216.1	3232.3	3230.4	3232.3	3216.1	3180.0	3128.3	3060.9	2975.9	2879.4
52.5°	3757.6	3801.6	3834.6	3854.6	3834.6	3801.6	3757.6	3693.5	3608.7	3499.8	3368.1
50°	4509.6	4572.7	4612.9	4629.3	4612.9	4572.7	4509.6	4417.6	4295.1	4143.6	3968.4
47.5°	5450.6	5534.2	5596.1	5639.2	5596.1	5534.2	5450.6	5327.3	5156.8	4944.1	4699.3
45°	6676.2	6803.7	6890.2	6940.7	6890.2	6803.7	6676.2	6494.3	6248.0	5942.1	5594.9
42.5°	8316.0	8513.8	8635.0	8681.4	8635.0	8513.8	8316.0	8038.8	7684.0	7244.9	6784.3
40°	10218.9	10456.5	10612.4	10720.1	10612.4	10456.5	10218.9	9880.0	9450.9	8927.3	8356.4
37.5°	12201.0	12450.5	12602.3	12705.4	12602.3	12450.5	12201.0	11832.1	11351.4	10778.3	10103.4
35°	14223.1	14484.3	14626.7	14706.4	14626.7	14484.3	14223.1	13808.6	13258.8	12612.3	11878.2
32.5°	16299.0	16586.8	16741.7	16901.8	16741.7	16586.8	16299.0	15817.1	15184.9	14459.0	13653.9
30°	18467.3	18797.6	18959.5	19037.7	18959.5	18797.6	18467.3	17891.7	17163.4	16355.2	15445.5
27.5°	20723.3	21135.1	21337.9	21471.5	21337.9	21135.1	20723.3	20051.4	19218.9	18305.5	17261.6
25°	23070.9	23581.1	23813.5	24021.3	23813.5	23581.1	23070.9	22285.8	21356.3	20308.0	19112.5
22.5°	25506.6	26141.9	26411.0	26558.6	26411.0	26141.9	25506.6	24584.8	23538.5	22344.7	21007.8
20°	28005.8	28765.0	29138.8	29331.2	29138.8	28765.0	28005.8	26958.7	25747.6	24369.4	22880.0
17.5°	30561.5	31505.8	31989.5	32100.6	31989.5	31505.8	30561.5	29381.4	27976.5	26408.4	24705.6
15°	33070.4	34091.8	34663.6	34873.1	34663.6	34091.8	33070.4	31739.8	30171.4	28390.3	26473.5
12.5°	35446.4	36505.1	37188.3	37310.0	37188.3	36505.1	35446.4	34005.1	32311.6	30255.3	28133.3
10°	37601.3	38698.0	39452.7	39624.7	39452.7	38698.0	37601.3	36010.1	34073.4	31892.1	29554.3
7.5°	39402.8	40606.2	41439.8	41584.9	41439.8	40606.2	39402.8	37706.2	35563.3	33212.9	30718.1
5°	40720.9	42149.5	42833.9	43005.7	42833.9	42149.5	40720.9	38868.6	36647.7	34176.4	31568.3
2.5°	41443.9	42898.3	43849.4	43739.6	43849.4	42898.3	41443.9	39595.0	37312.8	34749.6	32072.7
0°	41525.3	43046.4	43956.0	44376.2	43956.0	43046.4	41525.3	39750.1	37476.3	34948.4	32166.4
-2.5°	41443.9	42898.3	43849.4	43739.6	43849.4	42898.3	41443.9	39595.0	37312.8	34749.6	32072.7
-5°	40720.9	42149.5	42833.9	43005.7	42833.9	42149.5	40720.9	38868.6	36647.7	34176.4	31568.3
-7.5°	39402.8	40606.2	41439.8	41584.9	41439.8	40606.2	39402.8	37706.2	35563.3	33212.9	30718.1
-10°	37601.3	38698.0	39452.7	39624.7	39452.7	38698.0	37601.3	36010.1	34073.4	31892.1	29554.3
-12.5°	35446.4	36505.1	37188.3	37310.0	37188.3	36505.1	35446.4	34005.1	32311.6	30255.3	28133.3
-15°	33070.4	34091.8	34663.6	34873.1	34663.6	34091.8	33070.4	31739.8	30171.4	28390.3	26473.5
-17.5°	30561.5	31505.8	31989.5	32100.6	31989.5	31505.8	30561.5	29381.4	27976.5	26408.4	24705.6
-20°	28005.8	28765.0	29138.8	29331.2	29138.8	28765.0	28005.8	26958.7	25747.6	24369.4	22880.0



REPORT NUMBER: P627943 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	25506.6	26141.9	26411.0	26558.6	26411.0	26141.9	25506.6	24584.8	23538.5	22344.7	21007.8
-25°	23070.9	23581.1	23813.5	24021.3	23813.5	23581.1	23070.9	22285.8	21356.3	20308.0	19112.5
-27.5°	20723.3	21135.1	21337.9	21471.5	21337.9	21135.1	20723.3	20051.4	19218.9	18305.5	17261.6
-30°	18467.3	18797.6	18959.5	19037.7	18959.5	18797.6	18467.3	17891.7	17163.4	16355.2	15445.5
-32.5°	16299.0	16586.8	16741.7	16901.8	16741.7	16586.8	16299.0	15817.1	15184.9	14459.0	13653.9
-35°	14223.1	14484.3	14626.7	14706.4	14626.7	14484.3	14223.1	13808.6	13258.8	12612.3	11878.2
-37.5°	12201.0	12450.5	12602.3	12705.4	12602.3	12450.5	12201.0	11832.1	11351.4	10778.3	10103.4
-40°	10218.9	10456.5	10612.4	10720.1	10612.4	10456.5	10218.9	9880.0	9450.9	8927.3	8356.4
-42.5°	8316.0	8513.8	8635.0	8681.4	8635.0	8513.8	8316.0	8038.8	7684.0	7244.9	6784.3
-45°	6676.2	6803.7	6890.2	6940.7	6890.2	6803.7	6676.2	6494.3	6248.0	5942.1	5594.9
-47.5°	5450.6	5534.2	5596.1	5639.2	5596.1	5534.2	5450.6	5327.3	5156.8	4944.1	4699.3
-50°	4509.6	4572.7	4612.9	4629.3	4612.9	4572.7	4509.6	4417.6	4295.1	4143.6	3968.4
-52.5°	3757.6	3801.6	3834.6	3854.6	3834.6	3801.6	3757.6	3693.5	3608.7	3499.8	3368.1
-55°	3180.0	3216.1	3232.3	3230.4	3232.3	3216.1	3180.0	3128.3	3060.9	2975.9	2879.4
-57.5°	2688.0	2715.2	2729.7	2731.8	2729.7	2715.2	2688.0	2650.3	2602.7	2544.5	2475.2
-60°	2288.0	2304.7	2315.1	2317.8	2315.1	2304.7	2288.0	2262.7	2228.7	2183.2	2128.7
-62.5°	1937.2	1953.2	1961.1	1960.2	1961.1	1953.2	1937.2	1913.5	1882.6	1846.3	1808.0
-65°	1568.3	1571.3	1577.8	1580.7	1577.8	1571.3	1568.3	1559.8	1545.8	1529.4	1507.9
-67.5°	1292.6	1291.5	1294.7	1295.3	1294.7	1291.5	1292.6	1289.4	1282.1	1269.1	1249.2
-70°	1051.3	1048.8	1039.7	1025.6	1039.7	1048.8	1051.3	1052.4	1053.5	1050.9	1037.4
-72.5°	779.6	743.8	707.6	668.0	707.6	743.8	779.6	814.1	848.3	871.9	864.4
-75°	564.6	505.8	486.0	467.3	486.0	505.8	564.6	621.4	676.0	717.5	712.5
-77.5°	413.9	358.0	341.7	326.2	341.7	358.0	413.9	467.6	518.5	559.9	558.0
-80°	282.1	241.3	233.4	225.8	233.4	241.3	282.1	321.6	359.5	392.9	397.1
-82.5°	177.1	147.0	142.5	138.0	142.5	147.0	177.1	206.0	233.5	257.9	255.9
-85°	82.1	68.7	67.3	65.9	67.3	68.7	82.1	95.0	107.2	118.2	115.7
-87.5°	14.0	12.5	10.9	9.4	10.9	12.5	14.0	15.4	16.8	18.2	18.7
-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: P627943 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-WR-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°	19.2	19.6	19.9	20.9	21.7	22.5	23.1	22.4	21.6	20.8	20.0
85°	112.8	109.6	106.2	106.2	105.6	104.3	102.0	91.4	81.4	71.9	63.6
82.5°	252.7	248.3	242.5	234.2	225.7	217.2	207.4	185.4	164.2	143.9	127.1
80°	399.3	399.4	395.5	380.0	363.8	346.9	326.5	291.6	257.8	226.5	204.4
77.5°	555.1	551.5	543.8	523.1	502.0	480.8	454.1	408.9	363.9	320.5	292.4
75°	706.0	698.0	684.4	659.0	631.4	601.6	569.7	530.7	486.0	435.3	398.2
72.5°	854.8	843.1	825.3	798.3	767.7	735.5	701.7	663.5	619.6	569.9	532.5
70°	1021.1	1002.2	978.1	947.5	915.7	881.7	846.8	807.6	762.0	712.3	672.9
67.5°	1224.4	1194.6	1160.6	1124.3	1089.6	1049.1	1007.9	963.3	917.2	865.0	815.3
65°	1477.4	1437.3	1392.1	1352.9	1306.0	1250.7	1188.7	1134.5	1081.0	1022.3	957.1
62.5°	1768.7	1729.6	1667.0	1602.6	1540.2	1477.0	1401.8	1325.9	1252.9	1179.2	1103.1
60°	2066.5	1996.2	1928.4	1854.6	1774.9	1689.4	1606.9	1520.2	1429.8	1341.1	1250.2
57.5°	2395.2	2308.4	2219.6	2124.3	2023.1	1925.9	1825.5	1717.8	1615.1	1507.7	1399.1
55°	2772.2	2667.6	2554.1	2429.5	2301.0	2185.4	2062.6	1939.3	1814.6	1679.4	1559.4
52.5°	3219.5	3089.1	2943.4	2782.0	2631.1	2478.0	2318.4	2178.4	2026.0	1875.8	1726.4
50°	3789.4	3604.5	3404.0	3200.5	3013.4	2811.4	2623.7	2439.7	2255.2	2081.2	1907.3
47.5°	4472.0	4227.4	3953.3	3700.6	3452.7	3202.4	2971.5	2728.0	2516.4	2297.4	2104.1
45°	5302.1	4976.2	4624.1	4303.1	3954.8	3652.4	3358.0	3078.0	2800.0	2552.6	2305.9
42.5°	6363.1	5888.2	5441.1	5015.3	4576.5	4178.9	3786.8	3455.0	3128.8	2822.5	2544.3
40°	7727.7	7036.0	6461.8	5850.6	5319.5	4787.0	4318.2	3858.4	3487.7	3124.9	2785.6
37.5°	9338.9	8529.1	7709.4	6873.1	6181.2	5512.3	4908.7	4367.4	3863.1	3450.7	3059.1
35°	11042.6	10128.0	9146.2	8166.4	7156.3	6346.1	5579.3	4912.2	4323.8	3791.8	3340.6
32.5°	12742.6	11738.4	10657.5	9539.8	8405.1	7270.8	6350.4	5524.3	4788.1	4182.2	3648.3
30°	14441.7	13339.6	12155.6	10934.9	9690.1	8417.0	7161.2	6196.1	5331.8	4572.0	3957.8
27.5°	16146.5	14952.1	13656.3	12313.3	10971.4	9583.2	8191.5	6889.3	5879.8	5021.1	4297.5
25°	17853.0	16517.5	15126.2	13664.3	12201.2	10725.5	9188.1	7736.3	6494.3	5470.4	4610.6
22.5°	19564.7	18065.2	16514.2	14943.9	13370.6	11793.7	10184.5	8566.0	7076.5	5927.4	4977.0
20°	21256.1	19571.8	17874.1	16172.0	14475.9	12789.6	11107.3	9379.6	7760.9	6400.5	5319.0
17.5°	22885.1	21014.2	19171.0	17325.8	15511.7	13723.8	11934.7	10130.4	8372.1	6821.7	5621.0
15°	24436.7	22395.3	20393.4	18412.0	16454.4	14534.3	12667.4	10789.6	8928.0	7261.0	5952.1
12.5°	25900.7	23672.8	21492.0	19341.4	17261.4	15248.9	13308.0	11368.3	9451.5	7689.0	6247.2
10°	27151.0	24760.7	22413.6	20145.7	17960.1	15856.7	13836.6	11857.9	9900.3	8045.1	6488.6
7.5°	28167.7	25635.6	23160.6	20781.2	18508.1	16340.5	14244.8	12233.6	10255.6	8323.4	6674.9
5°	28910.6	26279.0	23714.1	21252.1	18887.6	16692.7	14532.8	12490.5	10513.1	8521.4	6805.2
2.5°	29371.3	26668.3	24043.3	21538.2	19108.5	16904.2	14699.9	12645.7	10660.1	8630.2	6887.0
0°	29456.6	26850.3	24146.8	21568.7	19235.2	16967.7	14744.0	12702.2	10698.1	8653.2	6912.5
-2.5°	29371.3	26668.3	24043.3	21538.2	19108.5	16904.2	14699.9	12645.7	10660.1	8630.2	6887.0
-5°	28910.6	26279.0	23714.1	21252.1	18887.6	16692.7	14532.8	12490.5	10513.1	8521.4	6805.2
-7.5°	28167.7	25635.6	23160.6	20781.2	18508.1	16340.5	14244.8	12233.6	10255.6	8323.4	6674.9
-10°	27151.0	24760.7	22413.6	20145.7	17960.1	15856.7	13836.6	11857.9	9900.3	8045.1	6488.6
-12.5°	25900.7	23672.8	21492.0	19341.4	17261.4	15248.9	13308.0	11368.3	9451.5	7689.0	6247.2
-15°	24436.7	22395.3	20393.4	18412.0	16454.4	14534.3	12667.4	10789.6	8928.0	7261.0	5952.1
-17.5°	22885.1	21014.2	19171.0	17325.8	15511.7	13723.8	11934.7	10130.4	8372.1	6821.7	5621.0
-20°	21256.1	19571.8	17874.1	16172.0	14475.9	12789.6	11107.3	9379.6	7760.9	6400.5	5319.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627943 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	19564.7	18065.2	16514.2	14943.9	13370.6	11793.7	10184.5	8566.0	7076.5	5927.4	4977.0
-25°	17853.0	16517.5	15126.2	13664.3	12201.2	10725.5	9188.1	7736.3	6494.3	5470.4	4610.6
-27.5°	16146.5	14952.1	13656.3	12313.3	10971.4	9583.2	8191.5	6889.3	5879.8	5021.1	4297.5
-30°	14441.7	13339.6	12155.6	10934.9	9690.1	8417.0	7161.2	6196.1	5331.8	4572.0	3957.8
-32.5°	12742.6	11738.4	10657.5	9539.8	8405.1	7270.8	6350.4	5524.3	4788.1	4182.2	3648.3
-35°	11042.6	10128.0	9146.2	8166.4	7156.3	6346.1	5579.3	4912.2	4323.8	3791.8	3340.6
-37.5°	9338.9	8529.1	7709.4	6873.1	6181.2	5512.3	4908.7	4367.4	3863.1	3450.7	3059.1
-40°	7727.7	7036.0	6461.8	5850.6	5319.5	4787.0	4318.2	3858.4	3487.7	3124.9	2785.6
-42.5°	6363.1	5888.2	5441.1	5015.3	4576.5	4178.9	3786.8	3455.0	3128.8	2822.5	2544.3
-45°	5302.1	4976.2	4624.1	4303.1	3954.8	3652.4	3358.0	3078.0	2800.0	2552.6	2305.9
-47.5°	4472.0	4227.4	3953.3	3700.6	3452.7	3202.4	2971.5	2728.0	2516.4	2297.4	2104.1
-50°	3789.4	3604.5	3404.0	3200.5	3013.4	2811.4	2623.7	2439.7	2255.2	2081.2	1907.3
-52.5°	3219.5	3089.1	2943.4	2782.0	2631.1	2478.0	2318.4	2178.4	2026.0	1875.8	1726.4
-55°	2772.2	2667.6	2554.1	2429.5	2301.0	2185.4	2062.6	1939.3	1814.6	1679.4	1559.4
-57.5°	2395.2	2308.4	2219.6	2124.3	2023.1	1925.9	1825.5	1717.8	1615.1	1507.7	1399.1
-60°	2066.5	1996.2	1928.4	1854.6	1774.9	1689.4	1606.9	1520.2	1429.8	1341.1	1250.2
-62.5°	1768.7	1729.6	1667.0	1602.6	1540.2	1477.0	1401.8	1325.9	1252.9	1179.2	1103.1
-65°	1477.4	1437.3	1392.1	1352.9	1306.0	1250.7	1188.7	1134.5	1081.0	1022.3	957.1
-67.5°	1224.4	1194.6	1160.6	1124.3	1089.6	1049.1	1007.9	963.3	917.2	865.0	815.3
-70°	1021.1	1002.2	978.1	947.5	915.7	881.7	846.8	807.6	762.0	712.3	672.9
-72.5°	854.8	843.1	825.3	798.3	767.7	735.5	701.7	663.5	619.6	569.9	532.5
-75°	706.0	698.0	684.4	659.0	631.4	601.6	569.7	530.7	486.0	435.3	398.2
-77.5°	555.1	551.5	543.8	523.1	502.0	480.8	454.1	408.9	363.9	320.5	292.4
-80°	399.3	399.4	395.5	380.0	363.8	346.9	326.5	291.6	257.8	226.5	204.4
-82.5°	252.7	248.3	242.5	234.2	225.7	217.2	207.4	185.4	164.2	143.9	127.1
-85°	112.8	109.6	106.2	106.2	105.6	104.3	102.0	91.4	81.4	71.9	63.6
-87.5°	19.2	19.6	19.9	20.9	21.7	22.5	23.1	22.4	21.6	20.8	20.0
-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: P627943 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6D-735-U-WR-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°	22.3	24.2	25.8	27.0	27.8	28.2	28.3	27.9	26.7	25.2	23.3
85°	66.5	67.8	67.6	65.5	61.2	56.6	56.6	55.8	53.5	50.4	46.7
82.5°	132.0	136.2	138.4	137.5	129.0	120.0	110.4	100.4	89.5	77.2	70.0
80°	212.2	216.9	218.4	214.9	199.7	183.4	169.3	154.7	140.5	124.3	106.2
77.5°	298.6	302.2	303.0	297.4	278.2	257.3	234.9	211.4	191.4	171.3	148.9
75°	391.6	392.7	391.9	381.8	358.2	331.3	304.1	274.9	245.6	218.4	191.5
72.5°	512.3	495.9	483.5	467.2	441.2	410.8	376.2	337.3	300.3	265.6	233.2
70°	638.5	603.8	576.7	551.8	522.9	490.9	452.5	403.7	354.1	311.9	272.6
67.5°	770.3	727.1	683.7	638.4	602.9	566.8	527.9	469.2	409.7	357.4	311.2
65°	898.6	845.3	796.2	737.2	685.7	641.6	597.7	531.2	463.3	402.2	348.9
62.5°	1027.9	956.4	894.8	831.0	768.8	714.2	664.6	588.9	514.7	445.3	384.6
60°	1160.8	1077.0	993.1	919.4	849.1	782.9	721.2	644.9	564.4	486.3	418.5
57.5°	1298.4	1197.8	1101.9	1010.1	928.1	851.9	775.6	696.5	612.5	527.8	449.0
55°	1437.2	1323.6	1211.0	1105.8	1008.7	921.9	832.0	745.7	658.5	568.5	473.3
52.5°	1586.3	1453.1	1326.1	1203.3	1092.2	990.1	892.3	794.0	702.4	607.5	499.8
50°	1744.2	1590.3	1445.3	1307.9	1174.9	1061.4	951.0	846.9	745.2	645.1	524.7
47.5°	1910.1	1735.9	1570.7	1413.3	1269.0	1130.3	1012.5	898.8	786.8	682.3	547.4
45°	2092.8	1885.6	1699.6	1526.8	1359.1	1208.6	1073.2	949.0	831.9	709.0	567.7
42.5°	2276.4	2047.1	1833.4	1636.6	1457.4	1287.6	1131.4	1001.0	875.3	733.3	587.7
40°	2488.1	2212.2	1967.9	1754.7	1554.4	1363.1	1198.4	1051.3	915.6	757.5	607.0
37.5°	2694.6	2389.9	2114.8	1867.3	1649.9	1448.2	1263.2	1099.1	947.5	783.9	624.6
35°	2937.8	2573.4	2254.6	1986.6	1748.5	1529.3	1324.1	1147.9	982.4	809.2	640.2
32.5°	3174.1	2760.2	2411.9	2108.7	1841.5	1606.0	1388.7	1197.8	1018.0	833.3	653.9
30°	3433.6	2963.4	2560.3	2222.9	1933.8	1685.0	1453.8	1244.9	1053.9	856.1	667.2
27.5°	3683.0	3150.7	2704.6	2344.0	2031.4	1758.8	1513.9	1288.9	1089.9	879.9	683.7
25°	3930.2	3353.0	2863.8	2459.3	2121.1	1826.0	1569.3	1330.1	1125.3	906.5	698.5
22.5°	4198.4	3548.8	3007.1	2563.0	2202.1	1887.3	1622.0	1375.1	1157.7	931.8	711.5
20°	4445.0	3725.6	3135.2	2662.2	2282.6	1953.5	1671.5	1415.4	1186.8	955.7	722.5
17.5°	4677.6	3905.2	3278.1	2769.4	2358.7	2011.9	1715.0	1450.8	1212.5	977.7	731.4
15°	4921.7	4083.8	3406.7	2862.3	2424.6	2062.3	1752.3	1481.3	1234.6	997.4	739.8
12.5°	5130.1	4234.8	3514.7	2940.5	2479.9	2104.4	1783.5	1506.6	1253.1	1014.2	747.3
10°	5301.9	4357.4	3601.8	3003.6	2524.5	2138.2	1808.3	1527.2	1268.5	1027.2	751.5
7.5°	5435.6	4451.0	3667.8	3051.5	2558.6	2164.6	1828.9	1543.2	1280.4	1036.4	752.4
5°	5529.1	4516.4	3716.1	3084.9	2584.6	2183.6	1843.6	1553.8	1288.5	1041.4	750.2
2.5°	5578.2	4553.3	3745.8	3102.8	2599.5	2193.8	1851.9	1559.0	1292.5	1042.0	745.0
0°	5585.8	4560.3	3754.2	3105.0	2603.2	2195.4	1853.6	1558.8	1292.2	1038.1	737.0
-2.5°	5578.2	4553.3	3745.8	3102.8	2599.5	2193.8	1851.9	1559.0	1292.5	1042.0	745.0
-5°	5529.1	4516.4	3716.1	3084.9	2584.6	2183.6	1843.6	1553.8	1288.5	1041.4	750.2
-7.5°	5435.6	4451.0	3667.8	3051.5	2558.6	2164.6	1828.9	1543.2	1280.4	1036.4	752.4
-10°	5301.9	4357.4	3601.8	3003.6	2524.5	2138.2	1808.3	1527.2	1268.5	1027.2	751.5
-12.5°	5130.1	4234.8	3514.7	2940.5	2479.9	2104.4	1783.5	1506.6	1253.1	1014.2	747.3
-15°	4921.7	4083.8	3406.7	2862.3	2424.6	2062.3	1752.3	1481.3	1234.6	997.4	739.8
-17.5°	4677.6	3905.2	3278.1	2769.4	2358.7	2011.9	1715.0	1450.8	1212.5	977.7	731.4
-20°	4445.0	3725.6	3135.2	2662.2	2282.6	1953.5	1671.5	1415.4	1186.8	955.7	722.5



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CATALOG NUMBER: GFLD-SA6D-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	4198.4	3548.8	3007.1	2563.0	2202.1	1887.3	1622.0	1375.1	1157.7	931.8	711.5
-25°	3930.2	3353.0	2863.8	2459.3	2121.1	1826.0	1569.3	1330.1	1125.3	906.5	698.5
-27.5°	3683.0	3150.7	2704.6	2344.0	2031.4	1758.8	1513.9	1288.9	1089.9	879.9	683.7
-30°	3433.6	2963.4	2560.3	2222.9	1933.8	1685.0	1453.8	1244.9	1053.9	856.1	667.2
-32.5°	3174.1	2760.2	2411.9	2108.7	1841.5	1606.0	1388.7	1197.8	1018.0	833.3	653.9
-35°	2937.8	2573.4	2254.6	1986.6	1748.5	1529.3	1324.1	1147.9	982.4	809.2	640.2
-37.5°	2694.6	2389.9	2114.8	1867.3	1649.9	1448.2	1263.2	1099.1	947.5	783.9	624.6
-40°	2488.1	2212.2	1967.9	1754.7	1554.4	1363.1	1198.4	1051.3	915.6	757.5	607.0
-42.5°	2276.4	2047.1	1833.4	1636.6	1457.4	1287.6	1131.4	1001.0	875.3	733.3	587.7
-45°	2092.8	1885.6	1699.6	1526.8	1359.1	1208.6	1073.2	949.0	831.9	709.0	567.7
-47.5°	1910.1	1735.9	1570.7	1413.3	1269.0	1130.3	1012.5	898.8	786.8	682.3	547.4
-50°	1744.2	1590.3	1445.3	1307.9	1174.9	1061.4	951.0	846.9	745.2	645.1	524.7
-52.5°	1586.3	1453.1	1326.1	1203.3	1092.2	990.1	892.3	794.0	702.4	607.5	499.8
-55°	1437.2	1323.6	1211.0	1105.8	1008.7	921.9	832.0	745.7	658.5	568.5	473.3
-57.5°	1298.4	1197.8	1101.9	1010.1	928.1	851.9	775.6	696.5	612.5	527.8	449.0
-60°	1160.8	1077.0	993.1	919.4	849.1	782.9	721.2	644.9	564.4	486.3	418.5
-62.5°	1027.9	956.4	894.8	831.0	768.8	714.2	664.6	588.9	514.7	445.3	384.6
-65°	898.6	845.3	796.2	737.2	685.7	641.6	597.7	531.2	463.3	402.2	348.9
-67.5°	770.3	727.1	683.7	638.4	602.9	566.8	527.9	469.2	409.7	357.4	311.2
-70°	638.5	603.8	576.7	551.8	522.9	490.9	452.5	403.7	354.1	311.9	272.6
-72.5°	512.3	495.9	483.5	467.2	441.2	410.8	376.2	337.3	300.3	265.6	233.2
-75°	391.6	392.7	391.9	381.8	358.2	331.3	304.1	274.9	245.6	218.4	191.5
-77.5°	298.6	302.2	303.0	297.4	278.2	257.3	234.9	211.4	191.4	171.3	148.9
-80°	212.2	216.9	218.4	214.9	199.7	183.4	169.3	154.7	140.5	124.3	106.2
-82.5°	132.0	136.2	138.4	137.5	129.0	120.0	110.4	100.4	89.5	77.2	70.0
-85°	66.5	67.8	67.6	65.5	61.2	56.6	56.6	55.8	53.5	50.4	46.7
-87.5°	22.3	24.2	25.8	27.0	27.8	28.2	28.3	27.9	26.7	25.2	23.3
-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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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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CATALOG NUMBER: GFLD-SA6D-735-U-WR-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°	21.1	16.4	12.2	8.5	5.2	2.3	0.0
85°	42.1	32.8	24.4	17.0	10.4	4.5	0.0
82.5°	62.9	49.1	36.6	25.4	15.5	6.7	0.0
80°	85.5	65.2	48.5	33.7	20.6	9.0	0.0
77.5°	122.0	84.8	60.3	41.9	25.6	11.2	0.0
75°	157.6	110.8	73.1	50.0	30.5	13.3	0.0
72.5°	192.0	136.1	90.5	57.9	35.4	15.4	0.0
70°	224.6	160.4	107.4	66.2	40.1	17.5	0.0
67.5°	252.9	183.6	123.5	76.4	44.7	19.6	0.0
65°	279.8	204.9	138.8	86.3	49.1	21.6	0.0
62.5°	305.2	224.3	153.3	95.6	53.4	23.5	0.0
60°	329.0	242.6	166.8	104.3	57.5	25.3	0.0
57.5°	350.5	259.7	179.3	112.5	62.4	27.1	0.0
55°	370.4	275.4	191.0	120.1	67.2	28.9	0.0
52.5°	388.5	289.7	201.7	127.0	71.8	30.5	0.0
50°	405.0	302.9	211.5	133.3	76.3	32.1	0.0
47.5°	420.3	314.8	220.2	139.0	80.5	33.6	0.0
45°	437.5	325.3	227.9	144.6	84.4	35.0	0.0
42.5°	452.9	334.5	234.5	149.6	88.2	36.3	0.0
40°	466.3	342.2	240.5	155.1	91.7	37.5	0.0
37.5°	477.9	348.6	245.8	160.7	95.0	38.6	0.0
35°	487.4	355.7	250.1	165.9	98.1	39.6	0.0
32.5°	496.2	362.4	253.4	170.6	100.8	40.6	0.0
30°	505.9	367.7	255.7	174.8	103.4	41.4	0.0
27.5°	513.9	371.4	261.2	178.5	105.6	42.2	0.0
25°	520.1	373.7	266.4	181.8	107.7	42.8	0.0
22.5°	524.5	376.6	271.1	184.6	109.4	43.3	0.0
20°	527.0	383.4	275.0	186.9	110.9	43.8	0.0
17.5°	533.0	389.1	278.4	188.7	112.1	44.1	0.0
15°	540.1	393.5	281.0	190.0	113.0	44.4	0.0
12.5°	545.2	396.7	283.0	190.9	113.7	44.5	0.0
10°	548.4	398.7	284.3	191.2	114.1	44.6	0.0
7.5°	549.7	399.6	284.9	191.2	114.2	44.5	0.0
5°	549.2	399.2	284.7	190.6	114.0	44.4	0.0
2.5°	546.8	397.8	283.9	189.6	113.6	44.2	0.0
0°	542.6	395.2	282.3	188.2	112.9	43.9	0.0
-2.5°	546.8	397.8	283.9	189.6	113.6	44.2	0.0
-5°	549.2	399.2	284.7	190.6	114.0	44.4	0.0
-7.5°	549.7	399.6	284.9	191.2	114.2	44.5	0.0
-10°	548.4	398.7	284.3	191.2	114.1	44.6	0.0
-12.5°	545.2	396.7	283.0	190.9	113.7	44.5	0.0
-15°	540.1	393.5	281.0	190.0	113.0	44.4	0.0
-17.5°	533.0	389.1	278.4	188.7	112.1	44.1	0.0
-20°	527.0	383.4	275.0	186.9	110.9	43.8	0.0

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REPORT NUMBER: P627943 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6D-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	524.5	376.6	271.1	184.6	109.4	43.3	0.0
-25°	520.1	373.7	266.4	181.8	107.7	42.8	0.0
-27.5°	513.9	371.4	261.2	178.5	105.6	42.2	0.0
-30°	505.9	367.7	255.7	174.8	103.4	41.4	0.0
-32.5°	496.2	362.4	253.4	170.6	100.8	40.6	0.0
-35°	487.4	355.7	250.1	165.9	98.1	39.6	0.0
-37.5°	477.9	348.6	245.8	160.7	95.0	38.6	0.0
-40°	466.3	342.2	240.5	155.1	91.7	37.5	0.0
-42.5°	452.9	334.5	234.5	149.6	88.2	36.3	0.0
-45°	437.5	325.3	227.9	144.6	84.4	35.0	0.0
-47.5°	420.3	314.8	220.2	139.0	80.5	33.6	0.0
-50°	405.0	302.9	211.5	133.3	76.3	32.1	0.0
-52.5°	388.5	289.7	201.7	127.0	71.8	30.5	0.0
-55°	370.4	275.4	191.0	120.1	67.2	28.9	0.0
-57.5°	350.5	259.7	179.3	112.5	62.4	27.1	0.0
-60°	329.0	242.6	166.8	104.3	57.5	25.3	0.0
-62.5°	305.2	224.3	153.3	95.6	53.4	23.5	0.0
-65°	279.8	204.9	138.8	86.3	49.1	21.6	0.0
-67.5°	252.9	183.6	123.5	76.4	44.7	19.6	0.0
-70°	224.6	160.4	107.4	66.2	40.1	17.5	0.0
-72.5°	192.0	136.1	90.5	57.9	35.4	15.4	0.0
-75°	157.6	110.8	73.1	50.0	30.5	13.3	0.0
-77.5°	122.0	84.8	60.3	41.9	25.6	11.2	0.0
-80°	85.5	65.2	48.5	33.7	20.6	9.0	0.0
-82.5°	62.9	49.1	36.6	25.4	15.5	6.7	0.0
-85°	42.1	32.8	24.4	17.0	10.4	4.5	0.0
-87.5°	21.1	16.4	12.2	8.5	5.2	2.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)