

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: P627697 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-735-U-MWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627697 (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-SA5D-735-U-MWR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N121
Light Source: (80) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

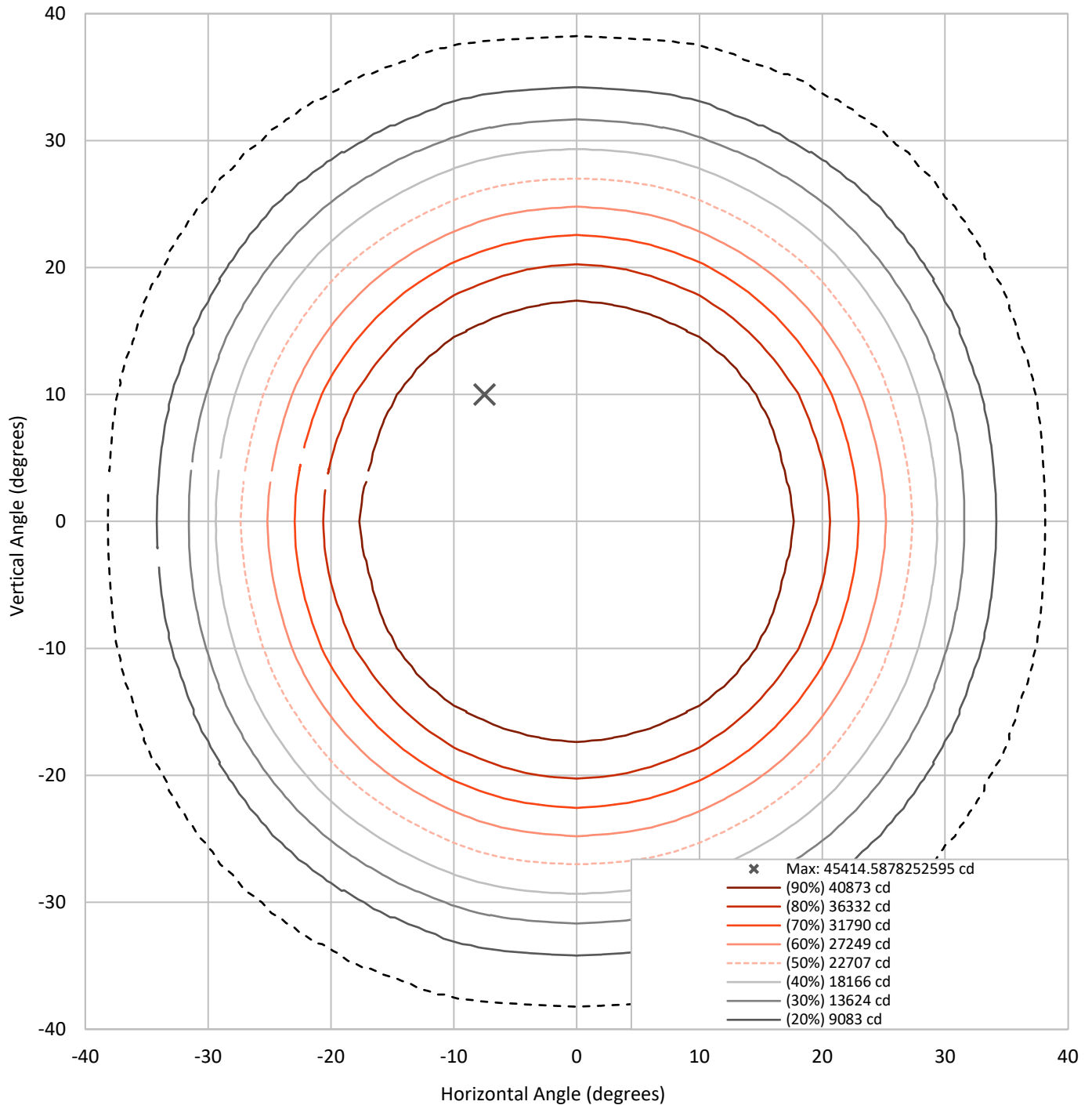
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	38652.1 lumens	Max Intensity:	45414.6 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	142.5 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:	25654.9 lumens	Field Lumens:	33358.8 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	271.3		
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





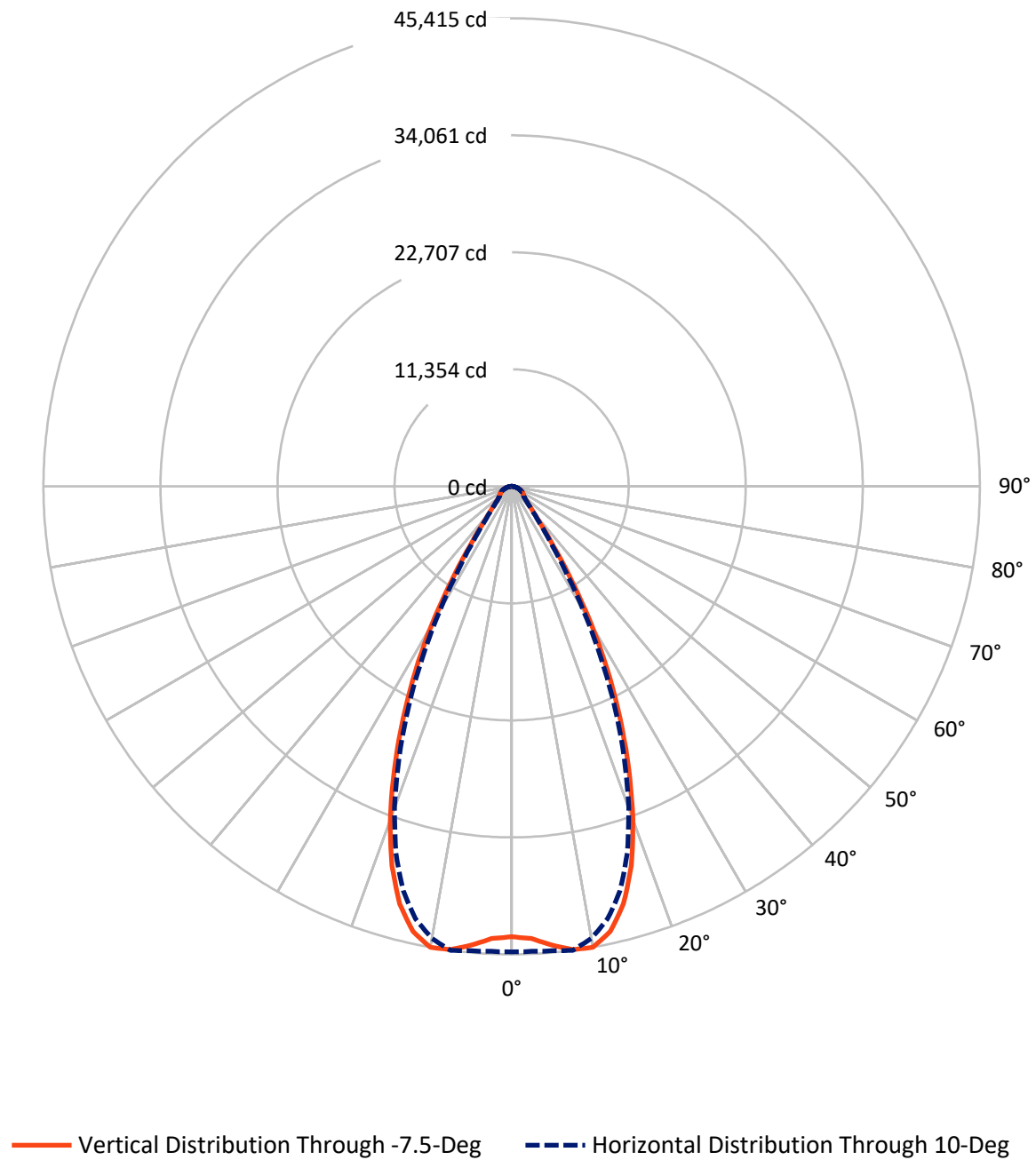
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Lumen Table

90																			
80	1.0	9.1		24.3		38.4		42.9		38.4		24.3		9.1		1.0			
70																			
60	4.1	4.7	9.5	15.5	21.7	26.3	29.7	31.4	31.4	29.7	26.3	21.7	15.5	9.5	4.7	4.1			
50		7.0	14.0	22.3	29.8	36.1	40.4	42.1	42.1	40.4	36.1	29.8	22.3	14.0	7.0				
40	7.3	9.0	17.7	27.1	36.3	47.2	59.4	68.2	68.2	59.4	47.2	36.3	27.1	17.7	9.0	7.3			
30		10.7	20.5	31.1	48.1	87.9	168.1	249.2	249.2	168.1	87.9	48.1	31.1	20.5	10.7				
20	9.4	11.9	22.4	36.3	79.2	248.1	556.7	777.3	777.3	556.7	248.1	79.2	36.3	22.4	11.9	9.4			
10		12.7	23.6	43.1	143.1	529.0	1010.2	1264.3	1264.3	1010.2	529.0	143.1	43.1	23.6	12.7				
0	10.1	13.1	24.1	48.6	206.0	723.9	1225.5	1333.4	1333.4	1225.5	723.9	206.0	48.6	24.1	13.1	10.1			
-10		13.1	24.1	48.6	206.0	723.9	1225.5	1333.4	1333.4	1225.5	723.9	206.0	48.6	24.1	13.1				
-20	9.4	12.7	23.6	43.1	143.1	529.0	1010.2	1264.3	1264.3	1010.2	529.0	143.1	43.1	23.6	12.7	9.4			
-30		11.9	22.4	36.3	79.2	248.1	556.7	777.3	777.3	556.7	248.1	79.2	36.3	22.4	11.9				
-40	7.3	10.7	20.5	31.1	48.1	87.9	168.1	249.2	249.2	168.1	87.9	48.1	31.1	20.5	10.7	7.3			
-50		9.0	17.7	27.1	36.3	47.2	59.4	68.2	68.2	59.4	47.2	36.3	27.1	17.7	9.0				
-60	4.1	7.0	14.0	22.3	29.8	36.1	40.4	42.1	42.1	40.4	36.1	29.8	22.3	14.0	7.0	4.1			
-70		4.7	9.5	15.5	21.7	26.3	29.7	31.4	31.4	29.7	26.3	21.7	15.5	9.5	4.7				
-80																			
-90	1.0	9.1		24.3		38.4		42.9		38.4		24.3		9.1		1.0			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

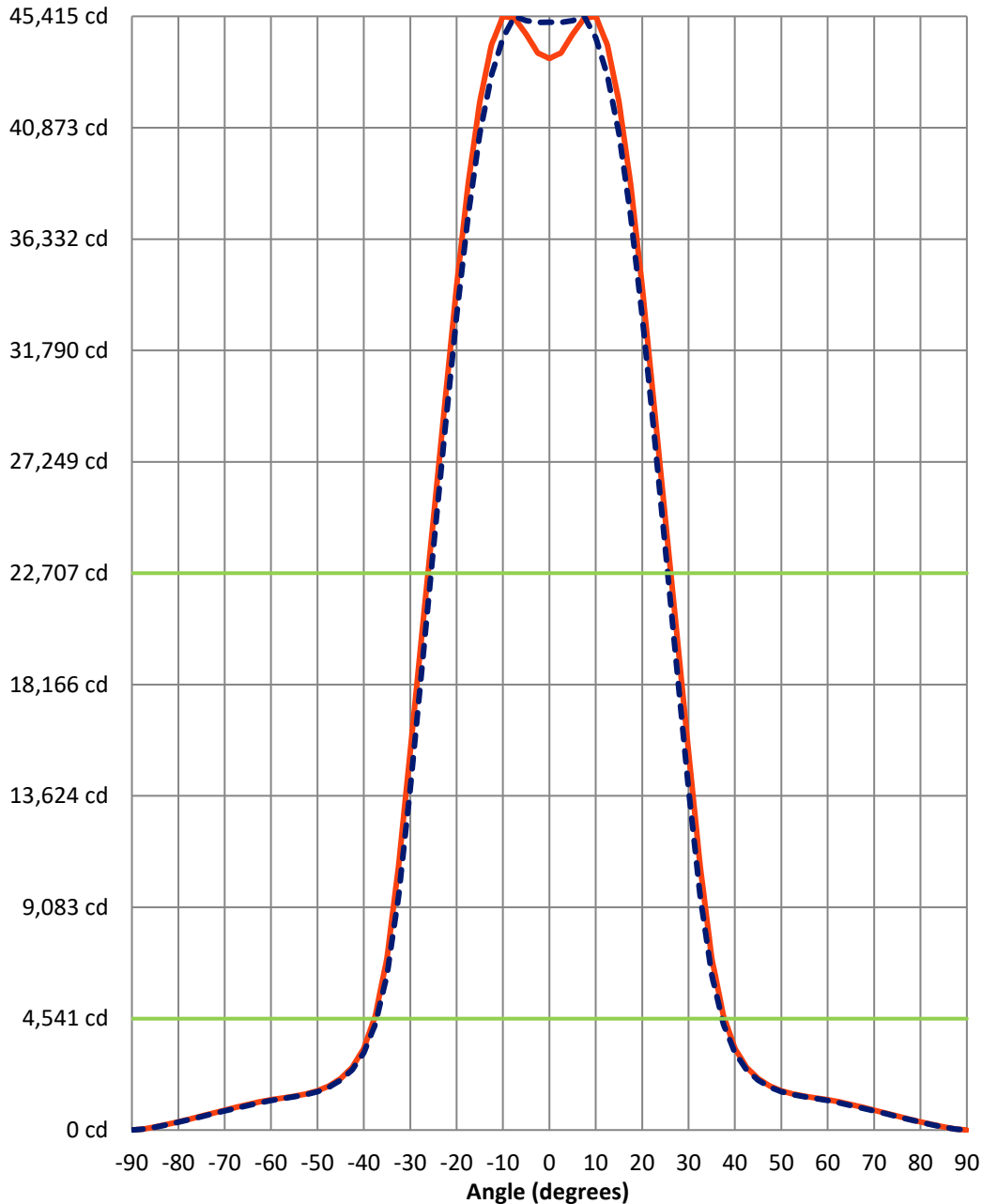
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 25654.9
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 33358.8
 Efficiency: 86.3%

Spill:
 Lumens: 5293.3
 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	1.7	3.5	5.2	6.9	8.6	10.3	12.5	14.9	17.5	20.1
85°	0.0	3.5	6.9	10.4	13.8	17.2	20.5	25.0	29.8	34.9	40.2
82.5°	0.0	5.2	10.4	15.5	20.6	25.7	30.7	37.4	45.5	57.4	68.6
80°	0.0	6.9	13.8	20.6	27.4	34.2	42.4	58.4	73.8	88.3	101.9
77.5°	0.0	8.6	17.2	25.7	34.2	46.2	64.6	83.7	101.9	119.0	137.5
75°	0.0	10.3	20.5	30.7	42.4	64.6	86.6	108.8	130.4	155.5	180.1
72.5°	0.0	11.9	23.8	35.7	57.0	82.8	108.4	135.0	164.5	193.6	222.3
70°	0.0	13.6	27.1	41.8	71.4	100.8	130.4	164.5	198.2	231.4	266.3
67.5°	0.0	15.2	30.4	52.4	85.6	118.5	155.2	193.6	231.4	270.3	310.0
65°	0.0	16.8	33.5	62.9	99.5	137.2	179.5	222.3	264.9	308.4	354.6
62.5°	0.0	18.3	36.6	73.1	113.2	156.7	203.2	250.5	297.5	346.7	402.5
60°	0.0	19.8	39.7	83.2	126.5	175.7	226.3	278.0	329.3	388.3	449.1
57.5°	0.0	21.3	46.1	93.0	141.1	194.2	249.4	304.8	363.9	428.7	493.1
55°	0.0	22.8	52.3	102.5	155.2	212.1	272.1	331.0	398.4	467.5	535.3
52.5°	0.0	24.2	58.3	111.7	168.9	229.5	294.3	359.8	431.6	504.4	576.3
50°	0.0	25.5	64.1	120.6	182.1	247.6	315.8	387.9	463.5	540.1	616.0
47.5°	0.0	26.8	69.6	129.5	194.8	265.1	337.1	414.8	494.0	574.6	654.4
45°	0.0	28.1	74.9	138.5	206.8	282.0	359.1	440.6	523.6	607.7	691.3
42.5°	0.0	29.3	79.9	147.1	218.3	298.3	380.0	465.1	551.7	639.5	726.2
40°	0.0	30.4	84.7	155.1	230.0	313.9	399.9	488.3	578.4	669.8	759.7
37.5°	0.0	31.5	89.1	162.5	241.9	328.9	418.6	510.1	604.3	699.1	791.9
35°	0.0	32.5	93.3	169.5	253.1	343.4	436.2	530.5	629.0	726.5	822.0
32.5°	0.0	33.5	97.2	176.0	263.7	357.2	452.6	549.5	652.4	751.9	848.4
30°	0.0	34.4	100.8	182.1	273.7	369.9	467.7	567.4	674.4	775.4	873.1
27.5°	0.0	35.2	104.1	187.6	282.5	381.7	481.6	585.0	694.5	796.8	895.9
25°	0.0	36.0	107.0	192.7	290.6	392.4	494.2	601.3	712.0	815.7	916.8
22.5°	0.0	36.7	109.7	197.3	297.8	401.9	505.5	616.2	727.7	832.5	935.7
20°	0.0	37.3	112.0	201.3	304.3	410.0	515.6	629.6	741.5	847.6	952.5
17.5°	0.0	37.9	114.0	204.9	309.9	417.1	524.6	641.5	753.6	860.7	967.3
15°	0.0	38.3	115.7	207.9	314.7	423.1	532.8	652.3	763.8	872.0	979.9
12.5°	0.0	38.8	117.1	210.4	318.7	428.1	539.8	661.8	772.8	881.3	990.4
10°	0.0	39.1	118.1	212.3	321.8	432.0	545.7	669.6	780.7	890.1	999.3
7.5°	0.0	39.4	118.9	213.7	324.1	434.9	550.3	675.6	786.9	897.1	1007.1
5°	0.0	39.5	119.3	214.5	325.6	436.7	553.7	680.0	791.3	902.1	1012.8
2.5°	0.0	39.7	119.4	214.8	326.2	437.4	555.7	682.6	793.9	905.1	1016.2
0°	0.0	39.7	119.2	214.6	325.9	437.1	556.4	683.5	794.8	906.1	1017.3
-2.5°	0.0	39.7	119.4	214.8	326.2	437.4	555.7	682.6	793.9	905.1	1016.2
-5°	0.0	39.5	119.3	214.5	325.6	436.7	553.7	680.0	791.3	902.1	1012.8
-7.5°	0.0	39.4	118.9	213.7	324.1	434.9	550.3	675.6	786.9	897.1	1007.1
-10°	0.0	39.1	118.1	212.3	321.8	432.0	545.7	669.6	780.7	890.1	999.3
-12.5°	0.0	38.8	117.1	210.4	318.7	428.1	539.8	661.8	772.8	881.3	990.4
-15°	0.0	38.3	115.7	207.9	314.7	423.1	532.8	652.3	763.8	872.0	979.9
-17.5°	0.0	37.9	114.0	204.9	309.9	417.1	524.6	641.5	753.6	860.7	967.3
-20°	0.0	37.3	112.0	201.3	304.3	410.0	515.6	629.6	741.5	847.6	952.5

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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	36.7	109.7	197.3	297.8	401.9	505.5	616.2	727.7	832.5	935.7
-25°	0.0	36.0	107.0	192.7	290.6	392.4	494.2	601.3	712.0	815.7	916.8
-27.5°	0.0	35.2	104.1	187.6	282.5	381.7	481.6	585.0	694.5	796.8	895.9
-30°	0.0	34.4	100.8	182.1	273.7	369.9	467.7	567.4	674.4	775.4	873.1
-32.5°	0.0	33.5	97.2	176.0	263.7	357.2	452.6	549.5	652.4	751.9	848.4
-35°	0.0	32.5	93.3	169.5	253.1	343.4	436.2	530.5	629.0	726.5	822.0
-37.5°	0.0	31.5	89.1	162.5	241.9	328.9	418.6	510.1	604.3	699.1	791.9
-40°	0.0	30.4	84.7	155.1	230.0	313.9	399.9	488.3	578.4	669.8	759.7
-42.5°	0.0	29.3	79.9	147.1	218.3	298.3	380.0	465.1	551.7	639.5	726.2
-45°	0.0	28.1	74.9	138.5	206.8	282.0	359.1	440.6	523.6	607.7	691.3
-47.5°	0.0	26.8	69.6	129.5	194.8	265.1	337.1	414.8	494.0	574.6	654.4
-50°	0.0	25.5	64.1	120.6	182.1	247.6	315.8	387.9	463.5	540.1	616.0
-52.5°	0.0	24.2	58.3	111.7	168.9	229.5	294.3	359.8	431.6	504.4	576.3
-55°	0.0	22.8	52.3	102.5	155.2	212.1	272.1	331.0	398.4	467.5	535.3
-57.5°	0.0	21.3	46.1	93.0	141.1	194.2	249.4	304.8	363.9	428.7	493.1
-60°	0.0	19.8	39.7	83.2	126.5	175.7	226.3	278.0	329.3	388.3	449.1
-62.5°	0.0	18.3	36.6	73.1	113.2	156.7	203.2	250.5	297.5	346.7	402.5
-65°	0.0	16.8	33.5	62.9	99.5	137.2	179.5	222.3	264.9	308.4	354.6
-67.5°	0.0	15.2	30.4	52.4	85.6	118.5	155.2	193.6	231.4	270.3	310.0
-70°	0.0	13.6	27.1	41.8	71.4	100.8	130.4	164.5	198.2	231.4	266.3
-72.5°	0.0	11.9	23.8	35.7	57.0	82.8	108.4	135.0	164.5	193.6	222.3
-75°	0.0	10.3	20.5	30.7	42.4	64.6	86.6	108.8	130.4	155.5	180.1
-77.5°	0.0	8.6	17.2	25.7	34.2	46.2	64.6	83.7	101.9	119.0	137.5
-80°	0.0	6.9	13.8	20.6	27.4	34.2	42.4	58.4	73.8	88.3	101.9
-82.5°	0.0	5.2	10.4	15.5	20.6	25.7	30.7	37.4	45.5	57.4	68.6
-85°	0.0	3.5	6.9	10.4	13.8	17.2	20.5	25.0	29.8	34.9	40.2
-87.5°	0.0	1.7	3.5	5.2	6.9	8.6	10.3	12.5	14.9	17.5	20.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	22.0	23.8	25.6	27.4	29.0	30.7	32.2	33.7	35.2	36.5	37.8
85°	44.0	47.7	54.0	60.5	66.6	72.6	78.3	83.8	89.1	94.1	98.9
82.5°	78.8	89.1	99.6	110.3	119.6	128.6	137.4	146.4	155.4	164.4	173.3
80°	115.9	130.2	146.6	162.2	175.9	188.9	201.4	213.4	226.5	240.5	254.7
77.5°	158.7	179.1	198.3	216.4	233.7	252.6	270.9	288.5	306.8	324.9	342.2
75°	204.6	227.9	252.5	276.7	300.2	322.9	345.1	367.8	390.7	413.4	435.1
72.5°	251.9	281.6	310.5	338.8	367.9	396.4	423.9	450.3	477.6	505.5	532.1
70°	301.1	335.0	370.7	405.1	438.0	471.2	504.7	537.0	568.6	600.9	632.9
67.5°	350.8	393.2	433.4	471.7	510.4	549.5	587.3	625.9	663.4	701.0	736.9
65°	405.4	451.8	495.7	539.5	583.4	629.3	674.1	717.2	760.6	802.6	840.3
62.5°	458.9	508.3	556.9	606.7	659.1	710.6	759.5	809.0	859.4	903.3	941.5
60°	508.2	562.9	617.4	674.2	732.1	787.5	842.2	896.0	950.2	1000.8	1032.0
57.5°	555.8	616.3	676.7	737.8	798.8	860.6	918.1	977.3	1027.7	1070.3	1106.5
55°	602.2	667.9	732.2	796.3	862.2	926.8	989.4	1045.6	1094.8	1130.3	1165.3
52.5°	647.3	716.6	782.9	852.3	922.3	990.9	1056.3	1108.4	1148.8	1185.1	1217.7
50°	691.0	761.5	831.6	906.7	980.7	1053.3	1114.7	1160.4	1201.4	1236.8	1271.0
47.5°	732.0	805.5	880.3	959.4	1037.3	1107.4	1163.9	1211.6	1253.5	1291.7	1332.1
45°	771.4	849.4	928.5	1010.2	1089.7	1157.5	1211.9	1263.3	1302.5	1345.6	1392.0
42.5°	809.7	891.6	974.6	1058.9	1139.2	1202.5	1256.9	1304.0	1350.2	1401.3	1457.3
40°	846.1	931.4	1018.0	1105.8	1185.9	1242.0	1295.2	1345.2	1401.3	1461.9	1526.8
37.5°	880.3	968.9	1058.7	1149.9	1220.2	1278.0	1332.5	1388.3	1453.4	1523.7	1611.8
35°	912.2	1003.7	1096.6	1184.1	1251.0	1312.2	1368.7	1430.9	1507.0	1598.8	1711.6
32.5°	941.7	1035.9	1131.6	1211.8	1279.3	1342.9	1400.9	1478.5	1569.9	1679.3	1838.9
30°	969.0	1065.4	1161.4	1239.1	1304.8	1368.8	1439.4	1526.7	1633.7	1793.3	1997.7
27.5°	994.3	1092.2	1184.8	1261.7	1327.7	1393.6	1476.2	1582.1	1722.9	1913.4	2167.4
25°	1017.5	1117.8	1207.3	1280.7	1348.9	1422.0	1511.7	1630.8	1816.0	2062.0	2405.2
22.5°	1038.5	1140.9	1228.8	1297.1	1368.7	1447.9	1552.6	1701.6	1915.1	2202.3	2645.1
20°	1057.3	1158.4	1244.9	1312.6	1387.0	1469.4	1589.1	1768.7	2026.1	2398.2	2963.4
17.5°	1073.7	1173.7	1256.9	1327.6	1404.9	1493.7	1624.6	1826.8	2124.8	2569.1	3285.1
15°	1087.8	1186.8	1267.1	1340.3	1420.4	1521.5	1673.9	1902.8	2239.5	2746.8	3565.5
12.5°	1099.5	1197.6	1275.4	1350.7	1433.3	1544.8	1716.2	1974.5	2358.5	2965.1	3978.7
10°	1108.7	1206.0	1281.8	1358.8	1443.3	1563.5	1750.5	2033.1	2457.1	3154.2	4331.1
7.5°	1117.3	1212.2	1286.2	1364.5	1450.4	1577.3	1776.6	2078.2	2532.7	3302.7	4610.1
5°	1123.5	1216.0	1288.6	1367.7	1456.4	1586.4	1794.3	2109.6	2584.9	3408.8	4806.3
2.5°	1127.3	1217.2	1289.1	1368.6	1460.9	1590.5	1803.5	2126.9	2626.0	3459.1	4911.8
0°	1128.6	1216.0	1287.6	1367.0	1462.4	1589.6	1804.2	2130.0	2646.6	3457.3	4927.7
-2.5°	1127.3	1217.2	1289.1	1368.6	1460.9	1590.5	1803.5	2126.9	2626.0	3459.1	4911.8
-5°	1123.5	1216.0	1288.6	1367.7	1456.4	1586.4	1794.3	2109.6	2584.9	3408.8	4806.3
-7.5°	1117.3	1212.2	1286.2	1364.5	1450.4	1577.3	1776.6	2078.2	2532.7	3302.7	4610.1
-10°	1108.7	1206.0	1281.8	1358.8	1443.3	1563.5	1750.5	2033.1	2457.1	3154.2	4331.1
-12.5°	1099.5	1197.6	1275.4	1350.7	1433.3	1544.8	1716.2	1974.5	2358.5	2965.1	3978.7
-15°	1087.8	1186.8	1267.1	1340.3	1420.4	1521.5	1673.9	1902.8	2239.5	2746.8	3565.5
-17.5°	1073.7	1173.7	1256.9	1327.6	1404.9	1493.7	1624.6	1826.8	2124.8	2569.1	3285.1
-20°	1057.3	1158.4	1244.9	1312.6	1387.0	1469.4	1589.1	1768.7	2026.1	2398.2	2963.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627697 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-735-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°	1038.5	1140.9	1228.8	1297.1	1368.7	1447.9	1552.6	1701.6	1915.1	2202.3	2645.1
-25°	1017.5	1117.8	1207.3	1280.7	1348.9	1422.0	1511.7	1630.8	1816.0	2062.0	2405.2
-27.5°	994.3	1092.2	1184.8	1261.7	1327.7	1393.6	1476.2	1582.1	1722.9	1913.4	2167.4
-30°	969.0	1065.4	1161.4	1239.1	1304.8	1368.8	1439.4	1526.7	1633.7	1793.3	1997.7
-32.5°	941.7	1035.9	1131.6	1211.8	1279.3	1342.9	1400.9	1478.5	1569.9	1679.3	1838.9
-35°	912.2	1003.7	1096.6	1184.1	1251.0	1312.2	1368.7	1430.9	1507.0	1598.8	1711.6
-37.5°	880.3	968.9	1058.7	1149.9	1220.2	1278.0	1332.5	1388.3	1453.4	1523.7	1611.8
-40°	846.1	931.4	1018.0	1105.8	1185.9	1242.0	1295.2	1345.2	1401.3	1461.9	1526.8
-42.5°	809.7	891.6	974.6	1058.9	1139.2	1202.5	1256.9	1304.0	1350.2	1401.3	1457.3
-45°	771.4	849.4	928.5	1010.2	1089.7	1157.5	1211.9	1263.3	1302.5	1345.6	1392.0
-47.5°	732.0	805.5	880.3	959.4	1037.3	1107.4	1163.9	1211.6	1253.5	1291.7	1332.1
-50°	691.0	761.5	831.6	906.7	980.7	1053.3	1114.7	1160.4	1201.4	1236.8	1271.0
-52.5°	647.3	716.6	782.9	852.3	922.3	990.9	1056.3	1108.4	1148.8	1185.1	1217.7
-55°	602.2	667.9	732.2	796.3	862.2	926.8	989.4	1045.6	1094.8	1130.3	1165.3
-57.5°	555.8	616.3	676.7	737.8	798.8	860.6	918.1	977.3	1027.7	1070.3	1106.5
-60°	508.2	562.9	617.4	674.2	732.1	787.5	842.2	896.0	950.2	1000.8	1032.0
-62.5°	458.9	508.3	556.9	606.7	659.1	710.6	759.5	809.0	859.4	903.3	941.5
-65°	405.4	451.8	495.7	539.5	583.4	629.3	674.1	717.2	760.6	802.6	840.3
-67.5°	350.8	393.2	433.4	471.7	510.4	549.5	587.3	625.9	663.4	701.0	736.9
-70°	301.1	335.0	370.7	405.1	438.0	471.2	504.7	537.0	568.6	600.9	632.9
-72.5°	251.9	281.6	310.5	338.8	367.9	396.4	423.9	450.3	477.6	505.5	532.1
-75°	204.6	227.9	252.5	276.7	300.2	322.9	345.1	367.8	390.7	413.4	435.1
-77.5°	158.7	179.1	198.3	216.4	233.7	252.6	270.9	288.5	306.8	324.9	342.2
-80°	115.9	130.2	146.6	162.2	175.9	188.9	201.4	213.4	226.5	240.5	254.7
-82.5°	78.8	89.1	99.6	110.3	119.6	128.6	137.4	146.4	155.4	164.4	173.3
-85°	44.0	47.7	54.0	60.5	66.6	72.6	78.3	83.8	89.1	94.1	98.9
-87.5°	22.0	23.8	25.6	27.4	29.0	30.7	32.2	33.7	35.2	36.5	37.8
-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: P627697 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-735-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°	39.1	38.6	37.9	37.0	36.0	38.5	41.0	43.6	46.1	44.6	43.0
85°	103.4	105.8	107.7	109.4	110.8	115.8	120.5	125.0	129.1	129.0	128.5
82.5°	182.0	187.9	192.9	197.5	201.5	207.2	212.4	216.9	220.7	223.5	225.9
80°	268.2	277.8	285.9	293.3	300.0	307.6	314.7	321.0	326.5	329.5	331.3
77.5°	359.3	373.2	385.7	397.5	408.7	419.8	430.0	439.0	446.9	448.8	448.3
75°	455.8	474.4	491.9	508.2	523.2	536.0	546.9	556.0	563.5	567.2	569.2
72.5°	557.4	580.4	601.0	619.6	635.5	648.8	660.2	670.2	678.6	683.9	687.1
70°	663.4	690.5	711.7	729.2	742.8	756.0	770.8	784.9	798.1	805.6	808.4
67.5°	769.7	797.8	817.3	833.2	845.7	858.6	877.2	894.0	909.0	919.1	925.5
65°	873.7	903.3	922.8	938.0	949.5	962.5	983.4	1000.0	1012.7	1022.7	1031.8
62.5°	976.4	1006.3	1028.0	1046.1	1062.8	1077.1	1094.2	1108.2	1119.1	1129.0	1140.3
60°	1065.5	1101.0	1123.7	1142.1	1162.8	1185.1	1197.7	1208.2	1217.3	1225.3	1232.2
57.5°	1138.3	1169.9	1199.1	1221.2	1242.7	1263.5	1278.3	1288.2	1296.1	1302.1	1304.5
55°	1199.2	1231.8	1264.4	1288.3	1309.5	1328.9	1345.2	1358.0	1368.6	1377.0	1379.0
52.5°	1253.7	1290.4	1322.4	1350.0	1378.0	1400.8	1418.7	1436.2	1451.4	1463.6	1468.9
50°	1313.0	1351.4	1391.4	1428.3	1458.1	1484.2	1505.9	1530.6	1556.5	1578.0	1591.5
47.5°	1375.4	1419.7	1467.9	1513.4	1548.7	1587.4	1623.5	1660.1	1708.4	1748.9	1778.9
45°	1440.7	1497.5	1552.5	1610.4	1659.1	1732.2	1800.0	1858.2	1935.5	2005.7	2061.4
42.5°	1517.8	1588.5	1656.1	1748.8	1845.7	1945.4	2053.3	2145.2	2266.1	2389.2	2488.5
40°	1609.1	1699.5	1818.5	1942.9	2096.0	2233.2	2419.2	2584.9	2770.5	3005.1	3198.9
37.5°	1719.0	1858.3	2023.8	2197.2	2436.1	2664.2	2971.6	3295.7	3589.7	4041.0	4420.7
35°	1861.9	2056.6	2274.4	2581.4	2919.4	3347.0	3826.6	4452.5	4989.2	5750.5	6478.0
32.5°	2045.8	2296.2	2651.9	3125.8	3625.4	4401.7	5162.8	6249.5	7255.7	8462.4	9764.6
30°	2250.6	2631.6	3175.1	3825.0	4757.0	5899.0	7240.7	8909.7	10736.3	12432.3	14103.5
27.5°	2547.3	3093.2	3807.3	4856.0	6308.4	7906.2	10257.0	12522.6	14886.4	16987.6	18740.0
25°	2893.8	3615.2	4719.3	6263.6	8227.9	10963.8	13777.8	16574.1	19116.1	21315.9	23252.2
22.5°	3341.2	4378.8	5850.6	7850.9	10909.8	14188.9	17488.7	20573.0	23284.6	25734.2	27830.2
20°	3827.9	5126.1	7228.1	10210.8	13708.8	17444.7	21170.6	24456.0	27441.8	30219.2	32581.5
17.5°	4444.6	6262.8	8924.6	12502.7	16547.0	20640.2	24554.4	28119.8	31507.2	34446.2	36914.4
15°	4970.3	7263.9	10737.8	14934.2	19308.7	23626.5	27758.9	31631.6	35153.4	38168.9	40489.3
12.5°	5671.3	8385.8	12347.7	17024.5	21765.0	26308.3	30661.0	34663.7	38247.7	41230.0	43036.4
10°	6334.1	9547.3	13903.7	18781.0	23706.0	28546.7	33194.2	37299.3	40626.9	42999.3	44538.6
7.5°	6897.6	10545.6	15169.4	20200.8	25248.1	30309.0	35013.5	39007.7	42075.9	44057.1	45128.8
5°	7318.3	11291.8	16108.9	21354.4	26533.7	31683.5	36351.3	40100.9	42752.6	44224.4	44762.5
2.5°	7586.4	11730.1	16654.1	22111.3	27394.1	32553.2	37268.9	40959.7	43209.5	44185.0	44277.8
0°	7693.5	11786.7	16738.2	22508.4	27610.9	32800.9	37529.9	41313.1	43379.5	44182.2	44166.3
-2.5°	7586.4	11730.1	16654.1	22111.3	27394.1	32553.2	37268.9	40959.7	43209.5	44185.0	44277.8
-5°	7318.3	11291.8	16108.9	21354.4	26533.7	31683.5	36351.3	40100.9	42752.6	44224.4	44762.5
-7.5°	6897.6	10545.6	15169.4	20200.8	25248.1	30309.0	35013.5	39007.7	42075.9	44057.1	45128.8
-10°	6334.1	9547.3	13903.7	18781.0	23706.0	28546.7	33194.2	37299.3	40626.9	42999.3	44538.6
-12.5°	5671.3	8385.8	12347.7	17024.5	21765.0	26308.3	30661.0	34663.7	38247.7	41230.0	43036.4
-15°	4970.3	7263.9	10737.8	14934.2	19308.7	23626.5	27758.9	31631.6	35153.4	38168.9	40489.3
-17.5°	4444.6	6262.8	8924.6	12502.7	16547.0	20640.2	24554.4	28119.8	31507.2	34446.2	36914.4
-20°	3827.9	5126.1	7228.1	10210.8	13708.8	17444.7	21170.6	24456.0	27441.8	30219.2	32581.5



REPORT NUMBER: P627697 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3341.2	4378.8	5850.6	7850.9	10909.8	14188.9	17488.7	20573.0	23284.6	25734.2	27830.2
-25°	2893.8	3615.2	4719.3	6263.6	8227.9	10963.8	13777.8	16574.1	19116.1	21315.9	23252.2
-27.5°	2547.3	3093.2	3807.3	4856.0	6308.4	7906.2	10257.0	12522.6	14886.4	16987.6	18740.0
-30°	2250.6	2631.6	3175.1	3825.0	4757.0	5899.0	7240.7	8909.7	10736.3	12432.3	14103.5
-32.5°	2045.8	2296.2	2651.9	3125.8	3625.4	4401.7	5162.8	6249.5	7255.7	8462.4	9764.6
-35°	1861.9	2056.6	2274.4	2581.4	2919.4	3347.0	3826.6	4452.5	4989.2	5750.5	6478.0
-37.5°	1719.0	1858.3	2023.8	2197.2	2436.1	2664.2	2971.6	3295.7	3589.7	4041.0	4420.7
-40°	1609.1	1699.5	1818.5	1942.9	2096.0	2233.2	2419.2	2584.9	2770.5	3005.1	3198.9
-42.5°	1517.8	1588.5	1656.1	1748.8	1845.7	1945.4	2053.3	2145.2	2266.1	2389.2	2488.5
-45°	1440.7	1497.5	1552.5	1610.4	1659.1	1732.2	1800.0	1858.2	1935.5	2005.7	2061.4
-47.5°	1375.4	1419.7	1467.9	1513.4	1548.7	1587.4	1623.5	1660.1	1708.4	1748.9	1778.9
-50°	1313.0	1351.4	1391.4	1428.3	1458.1	1484.2	1505.9	1530.6	1556.5	1578.0	1591.5
-52.5°	1253.7	1290.4	1322.4	1350.0	1378.0	1400.8	1418.7	1436.2	1451.4	1463.6	1468.9
-55°	1199.2	1231.8	1264.4	1288.3	1309.5	1328.9	1345.2	1358.0	1368.6	1377.0	1379.0
-57.5°	1138.3	1169.9	1199.1	1221.2	1242.7	1263.5	1278.3	1288.2	1296.1	1302.1	1304.5
-60°	1065.5	1101.0	1123.7	1142.1	1162.8	1185.1	1197.7	1208.2	1217.3	1225.3	1232.2
-62.5°	976.4	1006.3	1028.0	1046.1	1062.8	1077.1	1094.2	1108.2	1119.1	1129.0	1140.3
-65°	873.7	903.3	922.8	938.0	949.5	962.5	983.4	1000.0	1012.7	1022.7	1031.8
-67.5°	769.7	797.8	817.3	833.2	845.7	858.6	877.2	894.0	909.0	919.1	925.5
-70°	663.4	690.5	711.7	729.2	742.8	756.0	770.8	784.9	798.1	805.6	808.4
-72.5°	557.4	580.4	601.0	619.6	635.5	648.8	660.2	670.2	678.6	683.9	687.1
-75°	455.8	474.4	491.9	508.2	523.2	536.0	546.9	556.0	563.5	567.2	569.2
-77.5°	359.3	373.2	385.7	397.5	408.7	419.8	430.0	439.0	446.9	448.8	448.3
-80°	268.2	277.8	285.9	293.3	300.0	307.6	314.7	321.0	326.5	329.5	331.3
-82.5°	182.0	187.9	192.9	197.5	201.5	207.2	212.4	216.9	220.7	223.5	225.9
-85°	103.4	105.8	107.7	109.4	110.8	115.8	120.5	125.0	129.1	129.0	128.5
-87.5°	39.1	38.6	37.9	37.0	36.0	38.5	41.0	43.6	46.1	44.6	43.0
-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: P627697 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-735-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°	41.3	39.6	39.7	39.7	39.7	39.6	41.3	43.0	44.6	46.1	43.6
85°	127.7	126.5	123.1	119.2	123.1	126.5	127.7	128.5	129.0	129.1	125.0
82.5°	227.9	229.3	226.2	222.5	226.2	229.3	227.9	225.9	223.5	220.7	216.9
80°	332.2	332.3	329.5	325.9	329.5	332.3	332.2	331.3	329.5	326.5	321.0
77.5°	446.5	443.2	444.5	445.1	444.5	443.2	446.5	448.3	448.8	446.9	439.0
75°	570.0	569.5	567.7	564.3	567.7	569.5	570.0	569.2	567.2	563.5	556.0
72.5°	688.7	688.6	686.9	683.5	686.9	688.6	688.7	687.1	683.9	678.6	670.2
70°	809.1	807.7	809.7	810.7	809.7	807.7	809.1	808.4	805.6	798.1	784.9
67.5°	930.4	933.6	933.1	929.9	933.1	933.6	930.4	925.5	919.1	909.0	894.0
65°	1039.2	1044.6	1047.9	1049.1	1047.9	1044.6	1039.2	1031.8	1022.7	1012.7	1000.0
62.5°	1149.1	1155.3	1155.7	1152.4	1155.7	1155.3	1149.1	1140.3	1129.0	1119.1	1108.2
60°	1236.1	1237.1	1235.5	1231.9	1235.5	1237.1	1236.1	1232.2	1225.3	1217.3	1208.2
57.5°	1304.4	1302.1	1299.4	1295.5	1299.4	1302.1	1304.4	1304.5	1302.1	1296.1	1288.2
55°	1377.9	1374.1	1370.8	1367.0	1370.8	1374.1	1377.9	1379.0	1377.0	1368.6	1358.0
52.5°	1470.1	1468.1	1465.8	1462.4	1465.8	1468.1	1470.1	1468.9	1463.6	1451.4	1436.2
50°	1598.4	1600.4	1600.2	1597.5	1600.2	1600.4	1598.4	1591.5	1578.0	1556.5	1530.6
47.5°	1798.0	1808.6	1815.8	1820.1	1815.8	1808.6	1798.0	1778.9	1748.9	1708.4	1660.1
45°	2097.1	2118.3	2133.3	2145.9	2133.3	2118.3	2097.1	2061.4	2005.7	1935.5	1858.2
42.5°	2558.5	2606.0	2628.5	2622.8	2628.5	2606.0	2558.5	2488.5	2389.2	2266.1	2145.2
40°	3328.1	3404.8	3447.3	3481.2	3447.3	3404.8	3328.1	3198.9	3005.1	2770.5	2584.9
37.5°	4679.9	4828.8	4907.2	4975.4	4907.2	4828.8	4679.9	4420.7	4041.0	3589.7	3295.7
35°	7021.6	7356.5	7535.8	7598.2	7535.8	7356.5	7021.6	6478.0	5750.5	4989.2	4452.5
32.5°	10778.0	11395.7	11737.3	12001.3	11737.3	11395.7	10778.0	9764.6	8462.4	7255.7	6249.5
30°	15426.9	16240.6	16692.5	16913.1	16692.5	16240.6	15426.9	14103.5	12432.3	10736.3	8909.7
27.5°	20192.6	21117.6	21604.8	21578.5	21604.8	21117.6	20192.6	18740.0	16987.6	14886.4	12522.6
25°	24912.2	25983.6	26469.0	26903.6	26469.0	25983.6	24912.2	23252.2	21315.9	19116.1	16574.1
22.5°	29685.5	30938.3	31622.0	31942.5	31622.0	30938.3	29685.5	27830.2	25734.2	23284.6	20573.0
20°	34402.1	35796.7	36522.5	36838.4	36522.5	35796.7	34402.1	32581.5	30219.2	27441.8	24456.0
17.5°	38585.2	39946.6	40638.4	40931.6	40638.4	39946.6	38585.2	36914.4	34446.2	31507.2	28119.8
15°	41925.3	42929.5	43517.8	43673.6	43517.8	42929.5	41925.3	40489.3	38168.9	35153.4	31631.6
12.5°	44234.2	44623.1	44906.0	44992.9	44906.0	44623.1	44234.2	43036.4	41230.0	38247.7	34663.7
10°	45414.6	45239.1	45166.5	45175.7	45166.5	45239.1	45414.6	44538.6	42999.3	40626.9	37299.3
7.5°	45333.4	45073.5	44551.5	44468.4	44551.5	45073.5	45333.4	45128.8	44057.1	42075.9	39007.7
5°	44682.1	44208.8	43342.5	43093.4	43342.5	44208.8	44682.1	44762.5	44224.4	42752.6	40100.9
2.5°	43922.9	43069.9	42271.7	41758.1	42271.7	43069.9	43922.9	44277.8	44185.0	43209.5	40959.7
0°	43697.4	42711.9	41678.7	41344.8	41678.7	42711.9	43697.4	44166.3	44182.2	43379.5	41313.1
-2.5°	43922.9	43069.9	42271.7	41758.1	42271.7	43069.9	43922.9	44277.8	44185.0	43209.5	40959.7
-5°	44682.1	44208.8	43342.5	43093.4	43342.5	44208.8	44682.1	44762.5	44224.4	42752.6	40100.9
-7.5°	45333.4	45073.5	44551.5	44468.4	44551.5	45073.5	45333.4	45128.8	44057.1	42075.9	39007.7
-10°	45414.6	45239.1	45166.5	45175.7	45166.5	45239.1	45414.6	44538.6	42999.3	40626.9	37299.3
-12.5°	44234.2	44623.1	44906.0	44992.9	44906.0	44623.1	44234.2	43036.4	41230.0	38247.7	34663.7
-15°	41925.3	42929.5	43517.8	43673.6	43517.8	42929.5	41925.3	40489.3	38168.9	35153.4	31631.6
-17.5°	38585.2	39946.6	40638.4	40931.6	40638.4	39946.6	38585.2	36914.4	34446.2	31507.2	28119.8
-20°	34402.1	35796.7	36522.5	36838.4	36522.5	35796.7	34402.1	32581.5	30219.2	27441.8	24456.0



REPORT NUMBER: P627697 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-735-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°	29685.5	30938.3	31622.0	31942.5	31622.0	30938.3	29685.5	27830.2	25734.2	23284.6	20573.0
-25°	24912.2	25983.6	26469.0	26903.6	26469.0	25983.6	24912.2	23252.2	21315.9	19116.1	16574.1
-27.5°	20192.6	21117.6	21604.8	21578.5	21604.8	21117.6	20192.6	18740.0	16987.6	14886.4	12522.6
-30°	15426.9	16240.6	16692.5	16913.1	16692.5	16240.6	15426.9	14103.5	12432.3	10736.3	8909.7
-32.5°	10778.0	11395.7	11737.3	12001.3	11737.3	11395.7	10778.0	9764.6	8462.4	7255.7	6249.5
-35°	7021.6	7356.5	7535.8	7598.2	7535.8	7356.5	7021.6	6478.0	5750.5	4989.2	4452.5
-37.5°	4679.9	4828.8	4907.2	4975.4	4907.2	4828.8	4679.9	4420.7	4041.0	3589.7	3295.7
-40°	3328.1	3404.8	3447.3	3481.2	3447.3	3404.8	3328.1	3198.9	3005.1	2770.5	2584.9
-42.5°	2558.5	2606.0	2628.5	2622.8	2628.5	2606.0	2558.5	2488.5	2389.2	2266.1	2145.2
-45°	2097.1	2118.3	2133.3	2145.9	2133.3	2118.3	2097.1	2061.4	2005.7	1935.5	1858.2
-47.5°	1798.0	1808.6	1815.8	1820.1	1815.8	1808.6	1798.0	1778.9	1748.9	1708.4	1660.1
-50°	1598.4	1600.4	1600.2	1597.5	1600.2	1600.4	1598.4	1591.5	1578.0	1556.5	1530.6
-52.5°	1470.1	1468.1	1465.8	1462.4	1465.8	1468.1	1470.1	1468.9	1463.6	1451.4	1436.2
-55°	1377.9	1374.1	1370.8	1367.0	1370.8	1374.1	1377.9	1379.0	1377.0	1368.6	1358.0
-57.5°	1304.4	1302.1	1299.4	1295.5	1299.4	1302.1	1304.4	1304.5	1302.1	1296.1	1288.2
-60°	1236.1	1237.1	1235.5	1231.9	1235.5	1237.1	1236.1	1232.2	1225.3	1217.3	1208.2
-62.5°	1149.1	1155.3	1155.7	1152.4	1155.7	1155.3	1149.1	1140.3	1129.0	1119.1	1108.2
-65°	1039.2	1044.6	1047.9	1049.1	1047.9	1044.6	1039.2	1031.8	1022.7	1012.7	1000.0
-67.5°	930.4	933.6	933.1	929.9	933.1	933.6	930.4	925.5	919.1	909.0	894.0
-70°	809.1	807.7	809.7	810.7	809.7	807.7	809.1	808.4	805.6	798.1	784.9
-72.5°	688.7	688.6	686.9	683.5	686.9	688.6	688.7	687.1	683.9	678.6	670.2
-75°	570.0	569.5	567.7	564.3	567.7	569.5	570.0	569.2	567.2	563.5	556.0
-77.5°	446.5	443.2	444.5	445.1	444.5	443.2	446.5	448.3	448.8	446.9	439.0
-80°	332.2	332.3	329.5	325.9	329.5	332.3	332.2	331.3	329.5	326.5	321.0
-82.5°	227.9	229.3	226.2	222.5	226.2	229.3	227.9	225.9	223.5	220.7	216.9
-85°	127.7	126.5	123.1	119.2	123.1	126.5	127.7	128.5	129.0	129.1	125.0
-87.5°	41.3	39.6	39.7	39.7	39.7	39.6	41.3	43.0	44.6	46.1	43.6
-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: P627697 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-735-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°	41.0	38.5	36.0	37.0	37.9	38.6	39.1	37.8	36.5	35.2	33.7
85°	120.5	115.8	110.8	109.4	107.7	105.8	103.4	98.9	94.1	89.1	83.8
82.5°	212.4	207.2	201.5	197.5	192.9	187.9	182.0	173.3	164.4	155.4	146.4
80°	314.7	307.6	300.0	293.3	285.9	277.8	268.2	254.7	240.5	226.5	213.4
77.5°	430.0	419.8	408.7	397.5	385.7	373.2	359.3	342.2	324.9	306.8	288.5
75°	546.9	536.0	523.2	508.2	491.9	474.4	455.8	435.1	413.4	390.7	367.8
72.5°	660.2	648.8	635.5	619.6	601.0	580.4	557.4	532.1	505.5	477.6	450.3
70°	770.8	756.0	742.8	729.2	711.7	690.5	663.4	632.9	600.9	568.6	537.0
67.5°	877.2	858.6	845.7	833.2	817.3	797.8	769.7	736.9	701.0	663.4	625.9
65°	983.4	962.5	949.5	938.0	922.8	903.3	873.7	840.3	802.6	760.6	717.2
62.5°	1094.2	1077.1	1062.8	1046.1	1028.0	1006.3	976.4	941.5	903.3	859.4	809.0
60°	1197.7	1185.1	1162.8	1142.1	1123.7	1101.0	1065.5	1032.0	1000.8	950.2	896.0
57.5°	1278.3	1263.5	1242.7	1221.2	1199.1	1169.9	1138.3	1106.5	1070.3	1027.7	977.3
55°	1345.2	1328.9	1309.5	1288.3	1264.4	1231.8	1199.2	1165.3	1130.3	1094.8	1045.6
52.5°	1418.7	1400.8	1378.0	1350.0	1322.4	1290.4	1253.7	1217.7	1185.1	1148.8	1108.4
50°	1505.9	1484.2	1458.1	1428.3	1391.4	1351.4	1313.0	1271.0	1236.8	1201.4	1160.4
47.5°	1623.5	1587.4	1548.7	1513.4	1467.9	1419.7	1375.4	1332.1	1291.7	1253.5	1211.6
45°	1800.0	1732.2	1659.1	1610.4	1552.5	1497.5	1440.7	1392.0	1345.6	1302.5	1263.3
42.5°	2053.3	1945.4	1845.7	1748.8	1656.1	1588.5	1517.8	1457.3	1401.3	1350.2	1304.0
40°	2419.2	2233.2	2096.0	1942.9	1818.5	1699.5	1609.1	1526.8	1461.9	1401.3	1345.2
37.5°	2971.6	2664.2	2436.1	2197.2	2023.8	1858.3	1719.0	1611.8	1523.7	1453.4	1388.3
35°	3826.6	3347.0	2919.4	2581.4	2274.4	2056.6	1861.9	1711.6	1598.8	1507.0	1430.9
32.5°	5162.8	4401.7	3625.4	3125.8	2651.9	2296.2	2045.8	1838.9	1679.3	1569.9	1478.5
30°	7240.7	5899.0	4757.0	3825.0	3175.1	2631.6	2250.6	1997.7	1793.3	1633.7	1526.7
27.5°	10257.0	7906.2	6308.4	4856.0	3807.3	3093.2	2547.3	2167.4	1913.4	1722.9	1582.1
25°	13777.8	10963.8	8227.9	6263.6	4719.3	3615.2	2893.8	2405.2	2062.0	1816.0	1630.8
22.5°	17488.7	14188.9	10909.8	7850.9	5850.6	4378.8	3341.2	2645.1	2202.3	1915.1	1701.6
20°	21170.6	17444.7	13708.8	10210.8	7228.1	5126.1	3827.9	2963.4	2398.2	2026.1	1768.7
17.5°	24554.4	20640.2	16547.0	12502.7	8924.6	6262.8	4444.6	3285.1	2569.1	2124.8	1826.8
15°	27758.9	23626.5	19308.7	14934.2	10737.8	7263.9	4970.3	3565.5	2746.8	2239.5	1902.8
12.5°	30661.0	26308.3	21765.0	17024.5	12347.7	8385.8	5671.3	3978.7	2965.1	2358.5	1974.5
10°	33194.2	28546.7	23706.0	18781.0	13903.7	9547.3	6334.1	4331.1	3154.2	2457.1	2033.1
7.5°	35013.5	30309.0	25248.1	20200.8	15169.4	10545.6	6897.6	4610.1	3302.7	2532.7	2078.2
5°	36351.3	31683.5	26533.7	21354.4	16108.9	11291.8	7318.3	4806.3	3408.8	2584.9	2109.6
2.5°	37268.9	32553.2	27394.1	22111.3	16654.1	11730.1	7586.4	4911.8	3459.1	2626.0	2126.9
0°	37529.9	32800.9	27610.9	22508.4	16738.2	11786.7	7693.5	4927.7	3457.3	2646.6	2130.0
-2.5°	37268.9	32553.2	27394.1	22111.3	16654.1	11730.1	7586.4	4911.8	3459.1	2626.0	2126.9
-5°	36351.3	31683.5	26533.7	21354.4	16108.9	11291.8	7318.3	4806.3	3408.8	2584.9	2109.6
-7.5°	35013.5	30309.0	25248.1	20200.8	15169.4	10545.6	6897.6	4610.1	3302.7	2532.7	2078.2
-10°	33194.2	28546.7	23706.0	18781.0	13903.7	9547.3	6334.1	4331.1	3154.2	2457.1	2033.1
-12.5°	30661.0	26308.3	21765.0	17024.5	12347.7	8385.8	5671.3	3978.7	2965.1	2358.5	1974.5
-15°	27758.9	23626.5	19308.7	14934.2	10737.8	7263.9	4970.3	3565.5	2746.8	2239.5	1902.8
-17.5°	24554.4	20640.2	16547.0	12502.7	8924.6	6262.8	4444.6	3285.1	2569.1	2124.8	1826.8
-20°	21170.6	17444.7	13708.8	10210.8	7228.1	5126.1	3827.9	2963.4	2398.2	2026.1	1768.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627697 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	17488.7	14188.9	10909.8	7850.9	5850.6	4378.8	3341.2	2645.1	2202.3	1915.1	1701.6
-25°	13777.8	10963.8	8227.9	6263.6	4719.3	3615.2	2893.8	2405.2	2062.0	1816.0	1630.8
-27.5°	10257.0	7906.2	6308.4	4856.0	3807.3	3093.2	2547.3	2167.4	1913.4	1722.9	1582.1
-30°	7240.7	5899.0	4757.0	3825.0	3175.1	2631.6	2250.6	1997.7	1793.3	1633.7	1526.7
-32.5°	5162.8	4401.7	3625.4	3125.8	2651.9	2296.2	2045.8	1838.9	1679.3	1569.9	1478.5
-35°	3826.6	3347.0	2919.4	2581.4	2274.4	2056.6	1861.9	1711.6	1598.8	1507.0	1430.9
-37.5°	2971.6	2664.2	2436.1	2197.2	2023.8	1858.3	1719.0	1611.8	1523.7	1453.4	1388.3
-40°	2419.2	2233.2	2096.0	1942.9	1818.5	1699.5	1609.1	1526.8	1461.9	1401.3	1345.2
-42.5°	2053.3	1945.4	1845.7	1748.8	1656.1	1588.5	1517.8	1457.3	1401.3	1350.2	1304.0
-45°	1800.0	1732.2	1659.1	1610.4	1552.5	1497.5	1440.7	1392.0	1345.6	1302.5	1263.3
-47.5°	1623.5	1587.4	1548.7	1513.4	1467.9	1419.7	1375.4	1332.1	1291.7	1253.5	1211.6
-50°	1505.9	1484.2	1458.1	1428.3	1391.4	1351.4	1313.0	1271.0	1236.8	1201.4	1160.4
-52.5°	1418.7	1400.8	1378.0	1350.0	1322.4	1290.4	1253.7	1217.7	1185.1	1148.8	1108.4
-55°	1345.2	1328.9	1309.5	1288.3	1264.4	1231.8	1199.2	1165.3	1130.3	1094.8	1045.6
-57.5°	1278.3	1263.5	1242.7	1221.2	1199.1	1169.9	1138.3	1106.5	1070.3	1027.7	977.3
-60°	1197.7	1185.1	1162.8	1142.1	1123.7	1101.0	1065.5	1032.0	1000.8	950.2	896.0
-62.5°	1094.2	1077.1	1062.8	1046.1	1028.0	1006.3	976.4	941.5	903.3	859.4	809.0
-65°	983.4	962.5	949.5	938.0	922.8	903.3	873.7	840.3	802.6	760.6	717.2
-67.5°	877.2	858.6	845.7	833.2	817.3	797.8	769.7	736.9	701.0	663.4	625.9
-70°	770.8	756.0	742.8	729.2	711.7	690.5	663.4	632.9	600.9	568.6	537.0
-72.5°	660.2	648.8	635.5	619.6	601.0	580.4	557.4	532.1	505.5	477.6	450.3
-75°	546.9	536.0	523.2	508.2	491.9	474.4	455.8	435.1	413.4	390.7	367.8
-77.5°	430.0	419.8	408.7	397.5	385.7	373.2	359.3	342.2	324.9	306.8	288.5
-80°	314.7	307.6	300.0	293.3	285.9	277.8	268.2	254.7	240.5	226.5	213.4
-82.5°	212.4	207.2	201.5	197.5	192.9	187.9	182.0	173.3	164.4	155.4	146.4
-85°	120.5	115.8	110.8	109.4	107.7	105.8	103.4	98.9	94.1	89.1	83.8
-87.5°	41.0	38.5	36.0	37.0	37.9	38.6	39.1	37.8	36.5	35.2	33.7
-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: P627697 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-735-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°	32.2	30.7	29.0	27.4	25.6	23.8	22.0	20.1	17.5	14.9	12.5
85°	78.3	72.6	66.6	60.5	54.0	47.7	44.0	40.2	34.9	29.8	25.0
82.5°	137.4	128.6	119.6	110.3	99.6	89.1	78.8	68.6	57.4	45.5	37.4
80°	201.4	188.9	175.9	162.2	146.6	130.2	115.9	101.9	88.3	73.8	58.4
77.5°	270.9	252.6	233.7	216.4	198.3	179.1	158.7	137.5	119.0	101.9	83.7
75°	345.1	322.9	300.2	276.7	252.5	227.9	204.6	180.1	155.5	130.4	108.8
72.5°	423.9	396.4	367.9	338.8	310.5	281.6	251.9	222.3	193.6	164.5	135.0
70°	504.7	471.2	438.0	405.1	370.7	335.0	301.1	266.3	231.4	198.2	164.5
67.5°	587.3	549.5	510.4	471.7	433.4	393.2	350.8	310.0	270.3	231.4	193.6
65°	674.1	629.3	583.4	539.5	495.7	451.8	405.4	354.6	308.4	264.9	222.3
62.5°	759.5	710.6	659.1	606.7	556.9	508.3	458.9	402.5	346.7	297.5	250.5
60°	842.2	787.5	732.1	674.2	617.4	562.9	508.2	449.1	388.3	329.3	278.0
57.5°	918.1	860.6	798.8	737.8	676.7	616.3	555.8	493.1	428.7	363.9	304.8
55°	989.4	926.8	862.2	796.3	732.2	667.9	602.2	535.3	467.5	398.4	331.0
52.5°	1056.3	990.9	922.3	852.3	782.9	716.6	647.3	576.3	504.4	431.6	359.8
50°	1114.7	1053.3	980.7	906.7	831.6	761.5	691.0	616.0	540.1	463.5	387.9
47.5°	1163.9	1107.4	1037.3	959.4	880.3	805.5	732.0	654.4	574.6	494.0	414.8
45°	1211.9	1157.5	1089.7	1010.2	928.5	849.4	771.4	691.3	607.7	523.6	440.6
42.5°	1256.9	1202.5	1139.2	1058.9	974.6	891.6	809.7	726.2	639.5	551.7	465.1
40°	1295.2	1242.0	1185.9	1105.8	1018.0	931.4	846.1	759.7	669.8	578.4	488.3
37.5°	1332.5	1278.0	1220.2	1149.9	1058.7	968.9	880.3	791.9	699.1	604.3	510.1
35°	1368.7	1312.2	1251.0	1184.1	1096.6	1003.7	912.2	822.0	726.5	629.0	530.5
32.5°	1400.9	1342.9	1279.3	1211.8	1131.6	1035.9	941.7	848.4	751.9	652.4	549.5
30°	1439.4	1368.8	1304.8	1239.1	1161.4	1065.4	969.0	873.1	775.4	674.4	567.4
27.5°	1476.2	1393.6	1327.7	1261.7	1184.8	1092.2	994.3	895.9	796.8	694.5	585.0
25°	1511.7	1422.0	1348.9	1280.7	1207.3	1117.8	1017.5	916.8	815.7	712.0	601.3
22.5°	1552.6	1447.9	1368.7	1297.1	1228.8	1140.9	1038.5	935.7	832.5	727.7	616.2
20°	1589.1	1469.4	1387.0	1312.6	1244.9	1158.4	1057.3	952.5	847.6	741.5	629.6
17.5°	1624.6	1493.7	1404.9	1327.6	1256.9	1173.7	1073.7	967.3	860.7	753.6	641.5
15°	1673.9	1521.5	1420.4	1340.3	1267.1	1186.8	1087.8	979.9	872.0	763.8	652.3
12.5°	1716.2	1544.8	1433.3	1350.7	1275.4	1197.6	1099.5	990.4	881.3	772.8	661.8
10°	1750.5	1563.5	1443.3	1358.8	1281.8	1206.0	1108.7	999.3	890.1	780.7	669.6
7.5°	1776.6	1577.3	1450.4	1364.5	1286.2	1212.2	1117.3	1007.1	897.1	786.9	675.6
5°	1794.3	1586.4	1456.4	1367.7	1288.6	1216.0	1123.5	1012.8	902.1	791.3	680.0
2.5°	1803.5	1590.5	1460.9	1368.6	1289.1	1217.2	1127.3	1016.2	905.1	793.9	682.6
0°	1804.2	1589.6	1462.4	1367.0	1287.6	1216.0	1128.6	1017.3	906.1	794.8	683.5
-2.5°	1803.5	1590.5	1460.9	1368.6	1289.1	1217.2	1127.3	1016.2	905.1	793.9	682.6
-5°	1794.3	1586.4	1456.4	1367.7	1288.6	1216.0	1123.5	1012.8	902.1	791.3	680.0
-7.5°	1776.6	1577.3	1450.4	1364.5	1286.2	1212.2	1117.3	1007.1	897.1	786.9	675.6
-10°	1750.5	1563.5	1443.3	1358.8	1281.8	1206.0	1108.7	999.3	890.1	780.7	669.6
-12.5°	1716.2	1544.8	1433.3	1350.7	1275.4	1197.6	1099.5	990.4	881.3	772.8	661.8
-15°	1673.9	1521.5	1420.4	1340.3	1267.1	1186.8	1087.8	979.9	872.0	763.8	652.3
-17.5°	1624.6	1493.7	1404.9	1327.6	1256.9	1173.7	1073.7	967.3	860.7	753.6	641.5
-20°	1589.1	1469.4	1387.0	1312.6	1244.9	1158.4	1057.3	952.5	847.6	741.5	629.6

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

Scaled Data Report



REPORT NUMBER: P627697 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA5D-735-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°	1552.6	1447.9	1368.7	1297.1	1228.8	1140.9	1038.5	935.7	832.5	727.7	616.2
-25°	1511.7	1422.0	1348.9	1280.7	1207.3	1117.8	1017.5	916.8	815.7	712.0	601.3
-27.5°	1476.2	1393.6	1327.7	1261.7	1184.8	1092.2	994.3	895.9	796.8	694.5	585.0
-30°	1439.4	1368.8	1304.8	1239.1	1161.4	1065.4	969.0	873.1	775.4	674.4	567.4
-32.5°	1400.9	1342.9	1279.3	1211.8	1131.6	1035.9	941.7	848.4	751.9	652.4	549.5
-35°	1368.7	1312.2	1251.0	1184.1	1096.6	1003.7	912.2	822.0	726.5	629.0	530.5
-37.5°	1332.5	1278.0	1220.2	1149.9	1058.7	968.9	880.3	791.9	699.1	604.3	510.1
-40°	1295.2	1242.0	1185.9	1105.8	1018.0	931.4	846.1	759.7	669.8	578.4	488.3
-42.5°	1256.9	1202.5	1139.2	1058.9	974.6	891.6	809.7	726.2	639.5	551.7	465.1
-45°	1211.9	1157.5	1089.7	1010.2	928.5	849.4	771.4	691.3	607.7	523.6	440.6
-47.5°	1163.9	1107.4	1037.3	959.4	880.3	805.5	732.0	654.4	574.6	494.0	414.8
-50°	1114.7	1053.3	980.7	906.7	831.6	761.5	691.0	616.0	540.1	463.5	387.9
-52.5°	1056.3	990.9	922.3	852.3	782.9	716.6	647.3	576.3	504.4	431.6	359.8
-55°	989.4	926.8	862.2	796.3	732.2	667.9	602.2	535.3	467.5	398.4	331.0
-57.5°	918.1	860.6	798.8	737.8	676.7	616.3	555.8	493.1	428.7	363.9	304.8
-60°	842.2	787.5	732.1	674.2	617.4	562.9	508.2	449.1	388.3	329.3	278.0
-62.5°	759.5	710.6	659.1	606.7	556.9	508.3	458.9	402.5	346.7	297.5	250.5
-65°	674.1	629.3	583.4	539.5	495.7	451.8	405.4	354.6	308.4	264.9	222.3
-67.5°	587.3	549.5	510.4	471.7	433.4	393.2	350.8	310.0	270.3	231.4	193.6
-70°	504.7	471.2	438.0	405.1	370.7	335.0	301.1	266.3	231.4	198.2	164.5
-72.5°	423.9	396.4	367.9	338.8	310.5	281.6	251.9	222.3	193.6	164.5	135.0
-75°	345.1	322.9	300.2	276.7	252.5	227.9	204.6	180.1	155.5	130.4	108.8
-77.5°	270.9	252.6	233.7	216.4	198.3	179.1	158.7	137.5	119.0	101.9	83.7
-80°	201.4	188.9	175.9	162.2	146.6	130.2	115.9	101.9	88.3	73.8	58.4
-82.5°	137.4	128.6	119.6	110.3	99.6	89.1	78.8	68.6	57.4	45.5	37.4
-85°	78.3	72.6	66.6	60.5	54.0	47.7	44.0	40.2	34.9	29.8	25.0
-87.5°	32.2	30.7	29.0	27.4	25.6	23.8	22.0	20.1	17.5	14.9	12.5
-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°	10.3	8.6	6.9	5.2	3.5	1.7	0.0
85°	20.5	17.2	13.8	10.4	6.9	3.5	0.0
82.5°	30.7	25.7	20.6	15.5	10.4	5.2	0.0
80°	42.4	34.2	27.4	20.6	13.8	6.9	0.0
77.5°	64.6	46.2	34.2	25.7	17.2	8.6	0.0
75°	86.6	64.6	42.4	30.7	20.5	10.3	0.0
72.5°	108.4	82.8	57.0	35.7	23.8	11.9	0.0
70°	130.4	100.8	71.4	41.8	27.1	13.6	0.0
67.5°	155.2	118.5	85.6	52.4	30.4	15.2	0.0
65°	179.5	137.2	99.5	62.9	33.5	16.8	0.0
62.5°	203.2	156.7	113.2	73.1	36.6	18.3	0.0
60°	226.3	175.7	126.5	83.2	39.7	19.8	0.0
57.5°	249.4	194.2	141.1	93.0	46.1	21.3	0.0
55°	272.1	212.1	155.2	102.5	52.3	22.8	0.0
52.5°	294.3	229.5	168.9	111.7	58.3	24.2	0.0
50°	315.8	247.6	182.1	120.6	64.1	25.5	0.0
47.5°	337.1	265.1	194.8	129.5	69.6	26.8	0.0
45°	359.1	282.0	206.8	138.5	74.9	28.1	0.0
42.5°	380.0	298.3	218.3	147.1	79.9	29.3	0.0
40°	399.9	313.9	230.0	155.1	84.7	30.4	0.0
37.5°	418.6	328.9	241.9	162.5	89.1	31.5	0.0
35°	436.2	343.4	253.1	169.5	93.3	32.5	0.0
32.5°	452.6	357.2	263.7	176.0	97.2	33.5	0.0
30°	467.7	369.9	273.7	182.1	100.8	34.4	0.0
27.5°	481.6	381.7	282.5	187.6	104.1	35.2	0.0
25°	494.2	392.4	290.6	192.7	107.0	36.0	0.0
22.5°	505.5	401.9	297.8	197.3	109.7	36.7	0.0
20°	515.6	410.0	304.3	201.3	112.0	37.3	0.0
17.5°	524.6	417.1	309.9	204.9	114.0	37.9	0.0
15°	532.8	423.1	314.7	207.9	115.7	38.3	0.0
12.5°	539.8	428.1	318.7	210.4	117.1	38.8	0.0
10°	545.7	432.0	321.8	212.3	118.1	39.1	0.0
7.5°	550.3	434.9	324.1	213.7	118.9	39.4	0.0
5°	553.7	436.7	325.6	214.5	119.3	39.5	0.0
2.5°	555.7	437.4	326.2	214.8	119.4	39.7	0.0
0°	556.4	437.1	325.9	214.6	119.2	39.7	0.0
-2.5°	555.7	437.4	326.2	214.8	119.4	39.7	0.0
-5°	553.7	436.7	325.6	214.5	119.3	39.5	0.0
-7.5°	550.3	434.9	324.1	213.7	118.9	39.4	0.0
-10°	545.7	432.0	321.8	212.3	118.1	39.1	0.0
-12.5°	539.8	428.1	318.7	210.4	117.1	38.8	0.0
-15°	532.8	423.1	314.7	207.9	115.7	38.3	0.0
-17.5°	524.6	417.1	309.9	204.9	114.0	37.9	0.0
-20°	515.6	410.0	304.3	201.3	112.0	37.3	0.0

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CATALOG NUMBER: GFLD-SA5D-735-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	505.5	401.9	297.8	197.3	109.7	36.7	0.0
-25°	494.2	392.4	290.6	192.7	107.0	36.0	0.0
-27.5°	481.6	381.7	282.5	187.6	104.1	35.2	0.0
-30°	467.7	369.9	273.7	182.1	100.8	34.4	0.0
-32.5°	452.6	357.2	263.7	176.0	97.2	33.5	0.0
-35°	436.2	343.4	253.1	169.5	93.3	32.5	0.0
-37.5°	418.6	328.9	241.9	162.5	89.1	31.5	0.0
-40°	399.9	313.9	230.0	155.1	84.7	30.4	0.0
-42.5°	380.0	298.3	218.3	147.1	79.9	29.3	0.0
-45°	359.1	282.0	206.8	138.5	74.9	28.1	0.0
-47.5°	337.1	265.1	194.8	129.5	69.6	26.8	0.0
-50°	315.8	247.6	182.1	120.6	64.1	25.5	0.0
-52.5°	294.3	229.5	168.9	111.7	58.3	24.2	0.0
-55°	272.1	212.1	155.2	102.5	52.3	22.8	0.0
-57.5°	249.4	194.2	141.1	93.0	46.1	21.3	0.0
-60°	226.3	175.7	126.5	83.2	39.7	19.8	0.0
-62.5°	203.2	156.7	113.2	73.1	36.6	18.3	0.0
-65°	179.5	137.2	99.5	62.9	33.5	16.8	0.0
-67.5°	155.2	118.5	85.6	52.4	30.4	15.2	0.0
-70°	130.4	100.8	71.4	41.8	27.1	13.6	0.0
-72.5°	108.4	82.8	57.0	35.7	23.8	11.9	0.0
-75°	86.6	64.6	42.4	30.7	20.5	10.3	0.0
-77.5°	64.6	46.2	34.2	25.7	17.2	8.6	0.0
-80°	42.4	34.2	27.4	20.6	13.8	6.9	0.0
-82.5°	30.7	25.7	20.6	15.5	10.4	5.2	0.0
-85°	20.5	17.2	13.8	10.4	6.9	3.5	0.0
-87.5°	10.3	8.6	6.9	5.2	3.5	1.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)