

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: FAIL-SAFE

Report Number: P837741

Luminaire Tested: **ORLG-12-4-INS-ASY2R-LD4-1STD-35-120-EDD**

Issue Date: 5/21/2024

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

**Test Information**

Test Method: LM-79-08
Report Number: P837741
Test Lab: INNOVATION CENTER(G2)
Issue Date: 5/21/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: ORLG-12-4-INS-ASY2R-LD4-1STD-35-120-EDD
Description: 1FT x 4FT ORL LED LUMINAIRE WITH asymmetric/symmetric lens v2 and
RFI grid
Light Source: 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

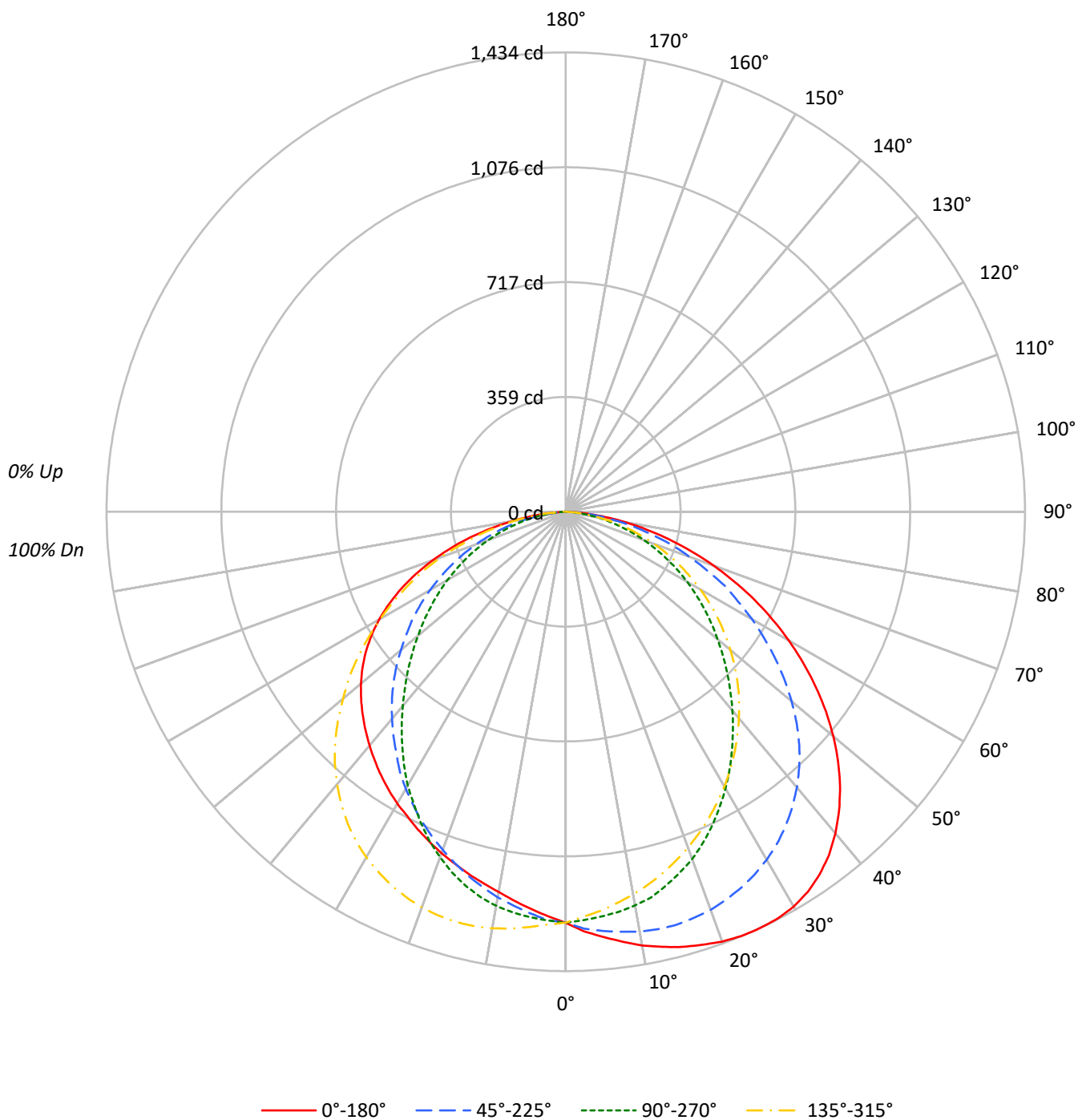
Lumens per Lamp: N/A
Luminaire Lumens: 3762.8 lumens
Efficiency: N/A
Efficacy: 113.0 lumens/watt
Spacing Criteria (0/90/45): 1.43 / 1.16 / 1.4
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 33.3
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

TEST NUMBER: P837741

CATALOG NUMBER: ORLG-12-4-INS-ASY2R-LD4-1STD-35-120-EDD

Luminous Intensity Polar Plot



Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P837741

CATALOG NUMBER: ORLG-12-4-INS-ASY2R-LD4-1STD-35-120-EDD

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	109	104	100	96	106	102	98	94	97	94	91		94	91	89		90
2	99	91	84	78	96	89	82	77	85	80	75		82	77	73		79
3	90	79	71	65	88	78	70	64	75	68	63		72	66	62		69
4	82	70	61	55	80	69	61	54	66	59	53		64	58	53		62
5	76	63	54	47	74	62	53	47	59	52	46		57	51	46		56
6	70	56	47	41	68	55	47	41	54	46	40		52	45	40		50
7	65	51	42	36	63	50	42	36	49	41	36		47	40	35		46
8	60	47	38	32	59	46	38	32	45	37	32		43	37	32		42
9	56	43	34	29	55	42	34	29	41	34	29		40	33	28		39
10	53	39	31	26	51	39	31	26	38	31	26		37	30	26		36

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	3451	3451	3451	3451
5°	3597	3427	3362	3432
10°	3757	3409	3294	3414
15°	3918	3366	3261	3366
20°	4089	3304	3247	3285
25°	4258	3212	3247	3179
30°	4423	3100	3269	3066
35°	4541	2973	3301	2926
40°	4601	2845	3347	2781
45°	4610	2715	3412	2647
50°	4567	2591	3496	2522
55°	4472	2476	3574	2407
60°	4331	2356	3621	2294
65°	4138	2217	3602	2166
70°	3865	2055	3474	2017
75°	3478	1832	3189	1823
80°	2949	1534	2679	1557
85°	2050	1016	1698	1044



TEST NUMBER: P837741

CATALOG NUMBER: ORLG-12-4-INS-ASY2R-LD4-1STD-35-120-EDD

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	121.8	3.2
10°-20°	352.6	9.4
20°-30°	540.4	14.4
30°-40°	657.1	17.5
40°-50°	683.1	18.2
50°-60°	617.0	16.4
60°-70°	469.1	12.5
70°-80°	261.5	7.0
80°-90°	60.2	1.6
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1014.8	27.0
0°-40°	1671.9	44.4
0°-60°	2972.0	79.0
0°-90°	3762.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3762.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1282	1282	1282	1282	1282	
5°	1332	1268	1245	1271	1332	128
15°	1406	1208	1171	1208	1406	399
25°	1434	1082	1094	1071	1434	662
35°	1382	905	1005	891	1382	863
45°	1211	714	897	696	1211	933
55°	953	528	762	513	953	851
65°	650	348	566	340	650	642
75°	334	176	307	175	334	355
85°	66	33	55	34	66	84
90°	0	0	0	0	0	

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P837741

CATALOG NUMBER: ORLG-12-4-INS-ASY2R-LD4-1STD-35-120-EDD

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1282.5	1282.5	1282.5	1282.5	1282.5	1282.5	1282.5	1282.5	1282.5	1282.5	1282.5
2.5°	1311.0	1291.8	1292.1	1308.9	1296.0	1302.3	1284.3	1291.2	1289.1	1290.6	1276.0
5°	1331.6	1311.0	1310.7	1325.0	1310.7	1313.4	1290.6	1295.1	1288.5	1284.3	1268.5
7.5°	1353.5	1332.8	1330.7	1343.3	1324.4	1322.3	1297.2	1297.2	1285.2	1274.8	1259.8
10°	1375.0	1353.8	1351.1	1360.6	1337.3	1330.4	1299.9	1295.1	1279.3	1263.7	1247.5
12.5°	1391.1	1369.6	1367.5	1373.5	1347.2	1334.6	1299.9	1290.6	1267.3	1245.5	1232.9
15°	1406.4	1384.3	1378.6	1381.6	1351.4	1334.6	1295.7	1281.4	1251.4	1222.7	1208.1
17.5°	1417.2	1395.9	1390.3	1390.0	1353.5	1329.5	1286.7	1267.0	1231.1	1196.4	1181.7
20°	1427.9	1406.7	1399.5	1394.1	1352.9	1322.6	1273.6	1246.9	1205.1	1166.2	1153.9
22.5°	1433.3	1411.5	1403.7	1395.6	1349.0	1310.1	1257.4	1223.6	1175.7	1129.4	1119.2
25°	1434.2	1411.8	1403.4	1391.7	1341.2	1295.1	1236.5	1195.5	1141.9	1090.5	1081.8
27.5°	1431.8	1407.3	1398.9	1384.9	1329.5	1276.9	1211.6	1163.5	1106.0	1049.2	1039.9
30°	1423.5	1398.6	1390.6	1372.3	1313.1	1254.4	1184.4	1127.9	1066.2	1005.8	997.7
32.5°	1406.7	1382.5	1375.9	1357.6	1295.1	1228.4	1152.7	1089.6	1022.3	964.5	952.6
35°	1382.2	1357.9	1353.8	1334.6	1270.0	1197.3	1118.0	1047.7	975.6	916.7	905.0
37.5°	1350.2	1329.8	1323.5	1304.7	1240.4	1162.0	1078.2	1002.2	928.0	864.6	857.4
40°	1309.8	1290.6	1285.8	1269.1	1206.0	1122.8	1035.1	955.3	879.0	820.0	809.9
42.5°	1263.7	1245.8	1243.1	1225.7	1163.5	1079.4	988.5	906.5	827.8	771.0	760.8
45°	1211.3	1194.0	1193.4	1176.9	1117.1	1031.2	939.4	857.1	777.8	718.9	713.5
47.5°	1153.6	1138.0	1138.0	1122.8	1065.4	978.3	888.8	805.7	727.6	675.5	666.0
50°	1090.8	1076.1	1071.6	1064.2	1008.2	920.6	835.6	755.4	677.9	628.3	619.0
52.5°	1023.8	1011.2	1014.2	1000.4	946.3	860.4	781.7	698.9	628.0	582.8	573.5
55°	953.2	935.2	937.9	932.8	881.7	798.5	721.3	652.2	578.9	536.4	527.7
57.5°	879.9	856.5	866.1	863.1	812.8	735.1	666.0	599.2	530.1	490.9	482.6
60°	804.8	782.3	792.2	789.5	742.2	671.6	608.8	546.9	481.7	446.1	437.7
62.5°	727.6	706.9	715.9	713.8	670.4	606.7	552.0	495.1	432.9	400.9	393.1
65°	649.8	630.1	638.1	636.6	596.5	548.1	493.6	441.6	383.8	356.0	348.2
67.5°	570.2	552.0	559.5	559.5	522.7	476.3	435.0	387.4	335.7	311.7	304.6
70°	491.2	474.2	480.8	480.2	449.1	411.4	375.8	333.3	286.9	267.2	261.2
72.5°	411.7	396.7	402.7	402.1	376.1	351.8	316.5	279.7	239.3	223.5	218.1
75°	334.5	320.4	326.1	325.5	304.3	281.5	257.9	227.4	192.7	181.6	176.2
77.5°	260.9	246.5	251.3	251.3	235.7	219.3	200.4	176.8	152.3	140.3	136.4
80°	190.3	183.4	181.0	181.3	170.8	160.1	150.5	127.7	109.8	101.7	99.0
82.5°	125.1	119.4	117.0	117.6	111.6	105.0	99.0	83.2	71.2	66.4	64.9
85°	66.4	62.2	60.1	61.6	60.4	56.8	53.9	43.1	35.6	33.8	32.9
87.5°	20.9	18.2	16.8	22.1	18.8	16.8	16.2	12.9	9.9	9.9	9.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P837741

CATALOG NUMBER: ORLG-12-4-INS-ASY2R-LD4-1STD-35-120-EDD

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°	185°
0°	1282.5	1282.5	1282.5	1282.5	1282.5	1282.5	1282.5	1282.5	1282.5	1282.5	1282.5
2.5°	1280.8	1280.8	1269.1	1266.4	1265.2	1266.7	1255.0	1252.9	1269.7	1264.0	1251.1
5°	1270.6	1270.0	1253.5	1250.5	1250.5	1248.7	1235.6	1232.6	1249.3	1244.6	1230.5
7.5°	1258.0	1256.2	1236.8	1234.7	1231.7	1230.5	1215.8	1213.7	1228.1	1225.1	1211.9
10°	1242.8	1241.0	1217.9	1216.4	1213.1	1210.7	1197.0	1195.5	1210.1	1205.4	1194.9
12.5°	1222.7	1219.4	1195.8	1194.3	1191.6	1190.7	1177.2	1176.6	1192.8	1188.0	1176.9
15°	1196.4	1193.7	1167.4	1168.0	1168.3	1168.3	1157.5	1156.9	1172.8	1170.7	1158.7
17.5°	1167.4	1163.8	1138.6	1140.4	1142.5	1144.9	1136.6	1138.0	1154.8	1152.1	1141.3
20°	1134.5	1130.9	1106.3	1111.4	1115.9	1120.7	1115.3	1119.5	1135.1	1133.9	1125.8
22.5°	1097.7	1094.1	1071.3	1079.1	1086.6	1095.6	1093.2	1098.0	1114.4	1114.1	1106.9
25°	1052.8	1053.7	1033.6	1043.2	1055.8	1068.3	1069.2	1077.0	1095.3	1093.5	1086.9
27.5°	1010.9	1012.1	990.9	1007.0	1023.8	1039.9	1043.8	1054.6	1073.1	1071.6	1065.9
30°	966.9	968.4	947.8	969.9	990.3	1010.0	1018.4	1033.0	1051.9	1051.9	1045.9
32.5°	921.1	923.8	902.3	931.9	955.6	978.6	993.3	1008.5	1030.0	1029.5	1024.4
35°	874.2	877.2	857.4	895.1	918.8	946.9	965.1	985.5	1004.6	1004.9	1001.0
37.5°	826.3	829.9	812.0	853.2	880.2	913.4	936.7	957.1	978.3	979.5	975.9
40°	778.7	782.6	767.1	806.9	841.0	878.1	905.0	928.9	952.3	952.9	950.5
42.5°	731.2	735.4	723.7	762.6	801.2	841.0	872.7	899.9	923.8	925.3	922.6
45°	684.8	688.4	680.0	722.5	759.6	803.0	839.5	870.3	894.5	896.6	895.7
47.5°	638.7	642.0	634.5	673.4	716.2	762.3	804.5	838.6	864.3	866.7	866.1
50°	593.6	596.2	588.2	628.9	671.3	720.4	764.4	803.9	832.6	835.0	834.7
52.5°	548.7	551.4	544.5	587.3	625.9	677.6	725.5	768.3	796.7	800.3	800.9
55°	505.3	506.5	501.1	542.1	579.5	633.6	688.7	730.3	758.7	761.7	763.5
57.5°	461.9	462.2	457.7	496.9	532.8	588.2	645.9	689.6	716.5	719.5	722.2
60°	418.8	418.5	413.5	451.5	485.9	540.6	600.7	644.1	670.1	672.8	676.4
62.5°	376.1	375.2	370.7	405.7	438.0	492.1	552.6	594.5	619.3	621.1	625.9
65°	333.6	332.7	328.5	360.8	390.1	441.9	501.1	540.9	563.3	565.7	564.8
67.5°	291.7	289.9	286.6	315.6	342.3	390.1	447.0	485.0	503.5	505.6	511.3
70°	249.8	247.7	240.2	271.0	294.4	337.2	390.1	423.9	439.5	441.6	440.7
72.5°	208.5	206.4	198.4	226.8	246.5	283.9	331.2	359.3	372.8	374.6	374.6
75°	168.4	167.2	162.2	183.7	200.1	230.7	270.8	294.1	304.6	306.7	306.1
77.5°	129.8	128.9	123.9	142.4	155.3	178.0	210.3	228.6	236.3	238.7	243.8
80°	93.0	92.7	84.7	102.9	108.6	127.7	151.4	165.4	169.6	172.9	176.5
82.5°	59.5	59.8	51.8	67.3	69.7	82.0	96.6	105.3	108.3	111.0	113.7
85°	29.0	30.2	25.7	35.6	35.9	42.2	48.5	51.8	53.0	55.0	57.4
87.5°	7.5	8.7	4.8	10.2	9.0	11.7	13.5	14.4	14.1	15.6	16.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P837741

CATALOG NUMBER: ORLG-12-4-INS-ASY2R-LD4-1STD-35-120-EDD

CANDELA DISTRIBUTION (continued):

	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°	285°
0°	1282.5	1282.5	1282.5	1282.5	1282.5	1282.5	1282.5	1282.5	1282.5	1282.5	1282.5
2.5°	1255.3	1264.9	1260.1	1275.7	1281.7	1272.1	1288.8	1289.1	1277.2	1291.2	1299.0
5°	1235.9	1245.8	1242.8	1258.9	1266.4	1258.0	1278.4	1282.3	1270.6	1286.4	1299.0
7.5°	1216.1	1227.8	1223.9	1240.4	1249.3	1242.8	1264.6	1270.9	1261.9	1279.3	1296.0
10°	1199.1	1209.0	1204.8	1222.1	1229.9	1224.5	1246.1	1257.7	1249.3	1270.6	1290.6
12.5°	1182.3	1190.4	1185.6	1200.0	1207.5	1200.6	1226.9	1237.7	1231.7	1253.8	1279.6
15°	1160.8	1169.8	1163.2	1176.0	1181.7	1175.7	1197.3	1215.8	1208.4	1232.6	1261.0
17.5°	1144.3	1149.4	1140.4	1150.6	1153.9	1145.8	1167.7	1185.9	1180.5	1206.9	1239.8
20°	1126.1	1130.3	1117.7	1123.4	1123.1	1112.9	1133.0	1150.9	1147.3	1176.3	1213.7
22.5°	1105.7	1107.8	1093.2	1094.4	1093.8	1077.0	1095.0	1113.2	1111.7	1141.0	1182.9
25°	1084.2	1084.5	1065.6	1065.1	1058.5	1038.7	1054.6	1075.2	1070.7	1102.4	1146.4
27.5°	1063.0	1060.0	1037.2	1031.8	1021.4	997.7	1011.8	1030.3	1027.7	1058.8	1107.5
30°	1040.2	1036.3	1008.5	998.6	983.4	956.2	967.8	985.2	986.7	1013.9	1065.1
32.5°	1018.7	1008.8	978.0	963.6	944.5	912.8	919.1	936.7	939.1	966.6	1019.3
35°	990.9	984.3	946.3	921.7	902.9	868.2	874.8	887.0	890.6	917.6	971.1
37.5°	964.5	954.1	913.7	883.8	859.5	823.0	824.8	837.4	841.0	868.2	921.1
40°	937.3	922.3	879.0	844.0	816.1	777.8	775.8	788.9	791.6	818.2	866.1
42.5°	908.3	890.3	841.6	803.3	771.3	732.4	728.2	739.6	742.5	768.6	815.5
45°	879.0	857.4	803.3	761.4	726.4	686.6	682.4	691.1	695.6	720.1	765.3
47.5°	847.9	822.7	763.8	717.1	680.9	641.1	636.0	644.7	648.3	672.5	715.3
50°	815.2	784.7	723.1	671.6	635.7	596.5	589.1	599.2	602.5	625.3	667.2
52.5°	779.3	745.5	679.7	625.9	590.0	552.6	543.6	553.5	557.4	579.5	618.1
55°	741.3	704.8	636.0	583.7	544.8	508.3	500.8	504.7	513.1	534.0	569.9
57.5°	698.6	662.4	590.0	536.7	499.3	464.3	458.0	461.6	469.4	489.7	522.1
60°	653.1	614.8	543.0	489.7	453.5	420.3	414.7	417.9	426.3	444.9	474.8
62.5°	608.2	565.1	494.5	441.6	408.7	377.9	376.4	375.2	382.9	400.9	427.2
65°	553.8	512.5	444.0	393.7	363.8	336.0	330.0	332.7	340.2	356.6	384.1
67.5°	495.4	458.0	392.2	345.8	319.2	294.4	289.3	290.5	298.3	312.6	336.6
70°	433.5	400.6	339.3	297.7	275.2	251.9	248.6	248.9	256.4	269.0	289.9
72.5°	368.6	339.0	285.7	250.1	231.6	214.8	211.8	208.2	215.1	225.9	243.8
75°	302.5	276.4	232.5	203.4	188.8	174.7	172.0	168.4	175.3	184.6	198.7
77.5°	235.7	214.8	180.7	158.3	146.9	136.4	134.0	130.1	137.0	143.9	155.0
80°	170.5	155.3	134.9	111.3	107.4	100.5	98.1	93.9	100.5	105.0	113.4
82.5°	110.1	99.9	88.3	71.8	71.2	66.1	64.9	60.1	66.1	68.8	75.1
85°	55.6	50.9	47.9	36.5	37.7	34.4	34.1	29.0	33.8	35.0	38.6
87.5°	15.9	16.8	15.0	9.0	11.4	10.8	10.8	7.8	10.8	10.8	12.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P837741

CATALOG NUMBER: ORLG-12-4-INS-ASY2R-LD4-1STD-35-120-EDD

CANDELA DISTRIBUTION (continued):

	295°	305°	315°	325°	335°	345°	355°	360°
0°	1282.5	1282.5	1282.5	1282.5	1282.5	1282.5	1282.5	1282.5
2.5°	1283.7	1288.8	1290.0	1289.7	1293.0	1311.0	1305.0	1311.0
5°	1286.7	1298.1	1301.1	1305.3	1310.7	1331.0	1324.4	1331.6
7.5°	1288.5	1305.6	1312.2	1320.2	1328.9	1351.7	1346.3	1353.5
10°	1288.5	1310.7	1320.2	1333.7	1345.4	1371.7	1366.6	1375.0
12.5°	1283.1	1311.6	1325.0	1343.9	1358.8	1387.3	1385.2	1391.1
15°	1272.1	1307.1	1325.6	1349.9	1368.4	1400.1	1399.2	1406.4
17.5°	1257.1	1299.3	1321.7	1352.3	1375.6	1411.2	1413.3	1417.2
20°	1238.3	1284.6	1314.0	1351.4	1380.7	1419.9	1422.6	1427.9
22.5°	1213.4	1267.0	1302.3	1347.5	1381.3	1423.5	1428.2	1433.3
25°	1184.1	1245.8	1287.0	1340.0	1378.3	1423.2	1429.7	1434.2
27.5°	1150.6	1218.2	1267.6	1328.0	1369.9	1418.4	1426.5	1431.8
30°	1111.7	1188.9	1245.5	1312.5	1358.5	1409.4	1418.1	1423.5
32.5°	1071.6	1156.6	1219.1	1292.4	1342.1	1395.0	1402.5	1406.7
35°	1028.0	1117.4	1187.4	1266.7	1320.8	1372.0	1377.7	1382.2
37.5°	980.4	1074.9	1151.2	1237.7	1290.9	1340.0	1345.1	1350.2
40°	931.3	1030.3	1110.5	1202.1	1255.3	1300.8	1306.2	1309.8
42.5°	882.0	981.0	1067.1	1160.2	1213.1	1256.8	1260.1	1263.7
45°	832.0	929.8	1018.4	1113.8	1166.2	1207.2	1208.4	1211.3
47.5°	781.1	876.9	964.8	1060.9	1112.6	1150.0	1151.2	1153.6
50°	730.0	823.9	907.7	1003.7	1054.3	1093.8	1088.4	1090.8
52.5°	679.7	768.3	853.8	942.1	992.1	1027.1	1028.6	1023.8
55°	630.4	713.8	792.5	877.5	925.0	952.3	951.4	953.2
57.5°	580.4	658.8	730.9	808.7	855.0	880.8	886.1	879.9
60°	529.5	603.1	667.8	738.1	782.9	804.5	810.8	804.8
62.5°	479.0	546.6	605.2	666.6	708.1	734.8	734.2	727.6
65°	428.4	489.7	542.1	594.2	630.4	657.0	655.8	649.8
67.5°	381.7	432.3	479.3	521.5	552.9	571.1	577.4	570.2
70°	330.3	374.0	415.3	449.1	475.1	491.5	497.5	491.2
72.5°	278.8	315.9	344.9	377.6	397.6	411.4	417.6	411.7
75°	228.0	258.5	282.1	307.5	321.6	333.3	340.5	334.5
77.5°	178.6	202.2	221.1	239.6	255.8	258.5	264.8	260.9
80°	131.6	148.7	162.5	174.7	186.4	187.6	192.7	190.3
82.5°	87.7	99.0	102.6	115.5	123.0	121.8	126.8	125.1
85°	46.4	53.3	59.5	63.4	67.6	63.7	68.2	66.4
87.5°	15.6	16.5	14.4	20.3	22.4	19.1	21.8	20.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)