

Scaled data based on original data using

LM-41-14 Approved Method for Photometric Testing Of Indoor Fluorescent Luminaires

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P151236

Luminaire Tested: **TLM-F03-LED-E1-SL3-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P151236
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33679)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: TLM-F03-LED-E1-SL3-7050
Description: TALON MEDIUM LED SITE LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (21) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

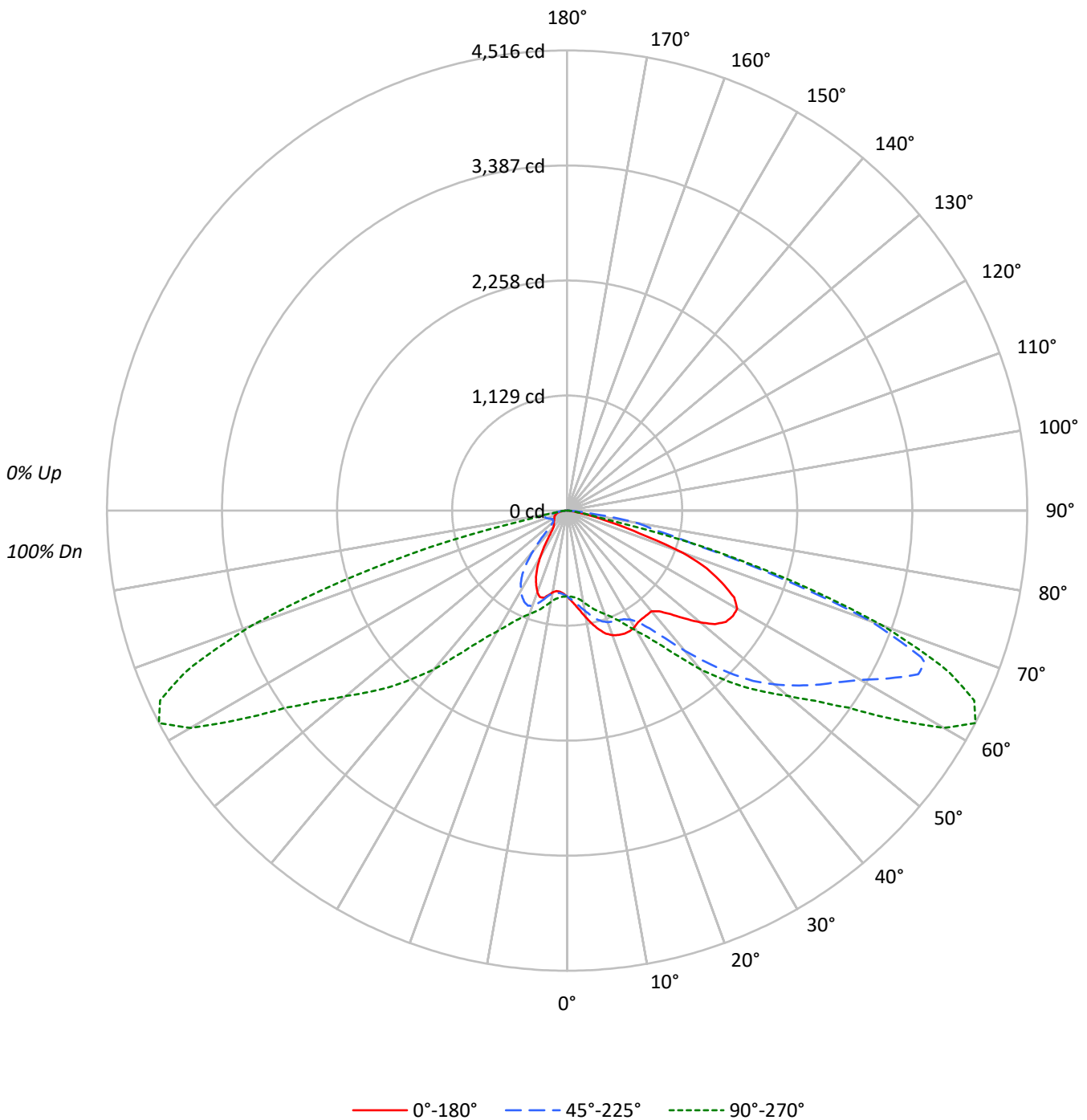
Lumens per Lamp: N/A
Luminaire Lumens: 7715.6 lumens
Efficiency: N/A
Efficacy: 98.5 lumens/watt
Spacing Criteria (0/90/45): 1.44 / 3.92 / 2.51
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
CIE Type: Direct

Input Watts (W): 78.3
Input Voltage (V): NR
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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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20					
RC	80					70					50					30					10					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0		
RCR																										
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100					100			
1	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77					77			
2	93	82	74	66	90	80	72	65	77	70	64	73	67	62	70	65	61	58					58			
3	82	69	59	50	79	67	58	50	64	56	49	61	54	48	58	52	47	44					44			
4	73	59	48	39	71	57	47	39	54	46	38	52	44	38	49	43	37	35					35			
5	66	51	40	32	64	49	39	31	47	38	31	45	37	31	43	36	30	28					28			
6	60	44	34	26	58	43	33	26	41	32	26	39	31	25	38	31	25	23					23			
7	55	39	29	22	53	38	29	22	37	28	22	35	27	21	34	27	21	19					19			
8	51	35	25	19	49	35	25	19	33	25	18	32	24	18	30	23	18	16					16			
9	47	32	23	16	46	31	22	16	30	22	16	29	21	16	28	21	16	14					14			
10	44	29	20	14	43	29	20	14	28	20	14	27	19	14	26	19	14	12					12			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	18144	18144	18144
5°	20154	18487	17279
10°	23294	19851	17814
15°	26941	22258	19767
20°	29807	24781	19562
25°	31630	28250	17143
30°	32828	33921	13075
35°	33926	42498	7971
40°	36230	57085	5809
45°	43765	74401	5596
50°	57166	94754	5647
55°	71406	126631	5851
60°	82973	183598	6234
65°	85349	224591	6948
70°	75979	206712	7679
75°	36498	116822	8950
80°	12596	16166	9137
85°	5656	10053	9213



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.9	1.1
10°-20°	287.7	3.7
20°-30°	508.1	6.6
30°-40°	729.3	9.5
40°-50°	1107.6	14.4
50°-60°	1630.8	21.1
60°-70°	2167.2	28.1
70°-80°	1060.3	13.7
80°-90°	140.8	1.8
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°	879.7	11.4
0°-40°	1609.0	20.9
0°-60°	4347.3	56.3
0°-90°	7715.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7715.6	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	843	843	843	843	843	
5°	933	906	856	813	800	93
15°	1209	1100	999	905	887	343
25°	1332	1187	1189	992	722	613
35°	1291	1410	1617	765	303	814
45°	1438	2254	2444	275	184	1136
55°	1902	2982	3374	167	156	1679
65°	1676	3802	4409	186	136	1627
75°	439	1308	1404	216	108	547
85°	23	72	41	52	37	34
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	842.8	842.8	842.8	842.8	842.8	842.8	842.8	842.8	842.8	842.8	842.8
2.5°	882.7	883.5	881.8	881.0	875.9	870.8	867.4	863.2	863.2	863.2	861.5
5°	932.6	929.2	931.8	925.9	915.7	906.4	897.1	889.4	887.7	887.7	884.3
7.5°	992.8	988.5	986.8	978.4	963.1	949.6	930.9	923.3	919.1	917.4	915.7
10°	1065.6	1065.6	1054.6	1040.2	1019.9	996.2	975.8	962.3	961.4	961.4	953.8
12.5°	1140.2	1141.9	1127.5	1113.1	1080.0	1048.7	1025.0	1009.7	1008.9	1005.5	1001.2
15°	1208.8	1204.5	1195.2	1174.0	1137.6	1100.4	1070.7	1055.5	1052.1	1048.7	1046.1
17.5°	1265.5	1261.3	1249.4	1222.3	1184.2	1140.2	1103.7	1087.6	1086.0	1084.3	1080.9
20°	1301.1	1297.7	1280.8	1249.4	1209.6	1164.7	1125.8	1114.8	1111.4	1111.4	1109.7
22.5°	1321.4	1316.4	1291.8	1250.3	1211.3	1178.3	1146.1	1139.3	1136.8	1137.6	1137.6
25°	1331.6	1327.4	1292.6	1233.3	1196.1	1186.8	1173.2	1169.0	1169.8	1170.7	1172.4
27.5°	1333.3	1327.4	1286.7	1211.3	1176.6	1202.8	1212.2	1218.9	1218.9	1222.3	1228.3
30°	1320.6	1313.8	1274.8	1194.4	1168.1	1235.0	1272.3	1290.1	1296.9	1295.2	1308.7
32.5°	1298.6	1294.3	1263.0	1194.4	1191.8	1298.6	1364.6	1390.1	1393.4	1395.1	1410.4
35°	1290.9	1290.1	1276.5	1235.0	1265.5	1410.4	1511.2	1530.7	1534.9	1534.9	1545.9
37.5°	1289.2	1293.5	1308.7	1311.3	1395.1	1576.4	1708.6	1738.2	1738.2	1746.7	1746.7
40°	1289.2	1298.6	1356.2	1424.8	1553.5	1792.4	1975.4	2009.3	2009.3	2018.6	2013.5
42.5°	1339.2	1352.8	1447.7	1578.1	1753.4	2015.2	2225.3	2263.4	2265.9	2263.4	2271.0
45°	1437.5	1449.3	1564.5	1751.8	1959.3	2254.1	2464.1	2509.9	2500.6	2506.5	2509.0
47.5°	1567.9	1586.6	1717.9	1941.5	2160.0	2475.2	2731.8	2773.3	2769.9	2772.5	2761.5
50°	1706.9	1726.3	1872.9	2129.5	2360.0	2653.0	2947.0	3008.8	3002.9	3007.1	3013.0
52.5°	1829.7	1841.5	1983.0	2271.0	2511.6	2819.1	3112.2	3189.2	3202.8	3204.5	3208.7
55°	1902.5	1916.9	2046.5	2341.3	2621.7	2981.7	3301.1	3418.0	3444.2	3451.0	3469.6
57.5°	1927.9	1943.2	2060.9	2351.5	2681.8	3134.2	3564.5	3770.3	3792.4	3828.8	3888.1
60°	1927.1	1943.2	2045.7	2328.6	2742.8	3323.1	3974.5	4319.2	4431.1	4468.3	4553.0
62.5°	1848.3	1867.0	1971.1	2259.2	2820.8	3564.5	4584.4	5114.6	5258.6	5326.4	5417.9
65°	1675.5	1689.1	1786.5	2083.0	2798.7	3802.5	5094.3	5755.9	5887.2	5986.3	6149.8
67°	1522.2	1530.7	1606.9	1874.6	2583.6	3811.0	5255.3	5915.1	6029.5	6134.5	6303.1
67.5°	1483.2	1501.0	1560.3	1811.0	2503.1	3762.7	5244.2	5890.6	6007.5	6116.7	6294.6
70°	1207.1	1232.5	1262.1	1430.7	1967.8	3165.5	4855.4	5465.3	5567.8	5669.5	5917.7
72.5°	744.6	790.3	796.3	903.0	1280.8	2188.0	3928.7	4608.9	4686.0	4758.9	5013.0
75°	438.8	445.6	466.7	553.1	751.4	1307.9	2636.1	3423.9	3495.0	3530.6	3729.7
77.5°	244.8	251.6	269.4	343.9	577.7	881.0	1534.9	2011.8	2055.0	2099.9	2067.7
80°	101.6	111.0	119.4	138.9	270.2	695.4	1055.5	1279.1	1307.0	1333.3	1366.3
82.5°	49.1	52.5	64.4	73.7	98.3	285.5	827.6	1108.8	1141.9	1180.0	1257.1
85°	22.9	25.4	35.6	42.4	47.4	72.0	277.0	539.6	585.3	593.8	609.0
87.5°	1.7	1.7	4.2	5.9	8.5	9.3	28.8	40.7	45.7	41.5	52.5
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):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	842.8	842.8	842.8	842.8	842.8	842.8	842.8	842.8	842.8	842.8	842.8
2.5°	860.6	859.8	858.1	858.1	857.2	857.2	857.2	855.5	855.5	855.5	854.7
5°	883.5	882.7	880.1	880.1	878.4	878.4	875.9	875.0	873.3	873.3	872.5
7.5°	913.1	912.3	908.9	908.9	906.4	905.5	903.8	901.3	901.3	899.6	897.9
10°	953.8	951.3	950.4	946.2	947.0	945.3	943.6	941.1	939.4	937.7	936.0
12.5°	999.5	999.5	995.3	992.8	994.5	992.8	989.4	988.5	986.0	986.0	983.5
15°	1042.8	1042.8	1041.1	1037.7	1038.5	1036.0	1035.1	1033.4	1030.0	1030.9	1030.0
17.5°	1080.0	1080.0	1077.5	1075.8	1075.8	1073.2	1074.1	1072.4	1070.7	1069.9	1067.3
20°	1109.7	1109.7	1108.0	1106.3	1107.1	1107.1	1104.6	1104.6	1104.6	1102.9	1102.9
22.5°	1138.5	1139.3	1139.3	1139.3	1140.2	1141.0	1140.2	1141.9	1141.0	1142.7	1142.7
25°	1176.6	1179.1	1180.8	1180.8	1185.1	1185.9	1186.8	1189.3	1189.3	1191.8	1192.7
27.5°	1233.3	1235.0	1241.8	1243.5	1244.4	1251.1	1252.0	1255.4	1258.8	1259.6	1260.4
30°	1311.3	1315.5	1320.6	1324.0	1324.0	1332.4	1335.8	1334.1	1343.5	1346.0	1349.4
32.5°	1415.5	1418.9	1423.9	1427.3	1430.7	1434.9	1435.8	1440.0	1447.7	1454.4	1450.2
35°	1546.8	1555.2	1546.8	1556.1	1558.6	1564.5	1562.9	1567.9	1571.3	1573.9	1573.0
37.5°	1737.4	1733.1	1731.4	1728.0	1722.1	1742.4	1732.3	1731.4	1726.3	1740.7	1731.4
40°	1988.1	1990.6	1993.2	1979.6	1972.0	1972.0	1969.5	1960.1	1955.9	1968.6	1966.9
42.5°	2249.8	2252.4	2240.5	2232.0	2212.6	2210.0	2198.2	2195.6	2191.4	2198.2	2191.4
45°	2487.9	2489.6	2463.3	2467.5	2452.3	2454.8	2436.2	2443.8	2433.6	2440.4	2453.1
47.5°	2753.8	2757.2	2734.4	2743.7	2728.4	2719.1	2718.3	2723.3	2712.3	2719.1	2722.5
50°	2995.3	2991.0	2979.2	2981.7	2974.9	2976.6	2966.5	2975.8	2963.1	2976.6	2974.9
52.5°	3209.6	3204.5	3201.9	3210.4	3204.5	3204.5	3198.6	3202.8	3204.5	3224.8	3229.1
55°	3469.6	3473.9	3478.1	3493.3	3500.1	3489.1	3500.1	3521.3	3522.1	3570.4	3596.7
57.5°	3887.2	3916.9	3932.1	3941.4	3981.3	3977.0	4002.4	4053.3	4058.3	4170.2	4235.4
60°	4615.7	4668.2	4718.2	4691.1	4771.6	4796.1	4811.4	4906.3	4935.9	5041.8	5098.5
62.5°	5535.6	5541.6	5619.5	5594.9	5640.7	5629.7	5648.3	5691.5	5730.5	5817.7	5871.1
65°	6177.7	6205.7	6236.2	6204.8	6204.0	6166.7	6143.0	6142.1	6165.9	6184.5	6243.8
67°	6352.2	6380.2	6387.8	6364.9	6331.9	6284.5	6240.4	6217.5	6202.3	6210.8	6248.0
67.5°	6350.5	6376.8	6386.1	6364.1	6318.3	6278.5	6231.9	6205.7	6185.3	6189.6	6220.9
70°	5989.7	6046.4	6076.9	6083.7	6077.8	6008.3	5968.5	5944.8	5927.8	5886.3	5883.8
72.5°	5074.8	5143.4	5167.2	5205.3	5222.2	5119.7	5076.5	5102.8	5043.5	4912.2	4918.1
75°	3726.3	3731.4	3651.7	3636.5	3579.7	3347.6	3278.2	3214.7	3113.0	2954.6	2805.5
77.5°	1942.3	1941.5	1850.0	1803.4	1735.7	1595.9	1589.1	1475.6	1396.0	1251.1	1198.6
80°	1379.9	1401.9	1432.4	1447.7	1423.9	1369.7	1295.2	1214.7	1122.4	1031.7	923.3
82.5°	1283.3	1296.9	1313.0	1253.7	1220.6	1144.4	1087.6	970.7	905.5	802.2	692.9
85°	624.3	665.8	633.6	596.3	583.6	456.6	441.3	368.5	334.6	275.3	256.7
87.5°	39.8	49.1	44.0	39.8	34.7	19.5	26.3	18.6	19.5	14.4	12.7
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):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	842.8	842.8	842.8	842.8	842.8	842.8	842.8	842.8	842.8	842.8	842.8
2.5°	854.7	853.9	853.0	852.2	851.3	851.3	850.5	849.6	848.8	847.1	847.1
5°	870.8	870.8	869.9	868.3	868.3	866.6	864.0	863.2	863.2	861.5	859.8
7.5°	897.1	896.2	894.5	893.7	892.0	890.3	888.6	886.9	886.0	883.5	882.7
10°	936.9	935.2	930.9	929.2	928.4	926.7	925.0	923.3	920.8	919.1	918.2
12.5°	981.8	980.9	977.5	979.2	975.0	973.3	971.6	967.4	969.1	965.7	964.0
15°	1026.7	1027.5	1025.8	1025.8	1022.4	1019.9	1018.2	1014.8	1013.9	1012.3	1010.6
17.5°	1066.5	1068.2	1065.6	1063.9	1062.2	1060.5	1057.2	1053.8	1053.8	1050.4	1048.7
20°	1102.9	1104.6	1103.7	1102.0	1099.5	1098.7	1097.0	1094.4	1094.4	1092.7	1090.2
22.5°	1144.4	1145.2	1145.2	1144.4	1141.9	1142.7	1141.0	1138.5	1139.3	1135.9	1135.9
25°	1194.4	1196.1	1197.8	1198.6	1196.9	1197.8	1196.1	1194.4	1193.5	1194.4	1193.5
27.5°	1263.0	1264.7	1269.8	1265.5	1269.8	1270.6	1268.1	1264.7	1267.2	1271.5	1268.9
30°	1353.6	1351.9	1358.7	1359.6	1358.7	1359.6	1357.9	1355.3	1357.0	1364.6	1360.4
32.5°	1455.3	1458.7	1460.4	1462.1	1464.6	1468.0	1465.4	1462.9	1467.1	1464.6	1470.5
35°	1578.1	1585.7	1588.3	1585.7	1587.4	1593.3	1592.5	1593.3	1601.8	1593.3	1604.4
37.5°	1733.1	1740.7	1746.7	1743.3	1747.5	1747.5	1754.3	1772.9	1761.1	1776.3	1788.2
40°	1958.4	1970.3	1971.1	1970.3	1974.5	1979.6	1986.4	2006.7	1993.2	2009.3	2020.3
42.5°	2190.5	2204.9	2210.0	2201.5	2210.9	2221.9	2222.7	2240.5	2241.4	2243.9	2249.8
45°	2452.3	2465.0	2475.2	2470.9	2471.8	2486.2	2482.8	2499.7	2487.0	2487.0	2490.4
47.5°	2731.0	2742.8	2749.6	2756.4	2747.9	2760.6	2766.5	2763.2	2747.9	2744.5	2724.2
50°	2985.1	2995.3	3005.4	3024.1	3023.2	3029.1	3033.4	3018.1	3014.7	2996.1	2973.2
52.5°	3254.5	3280.7	3303.6	3342.6	3348.5	3368.8	3361.2	3335.8	3331.5	3301.1	3270.6
55°	3629.7	3705.1	3738.1	3798.3	3838.9	3838.1	3821.2	3816.9	3784.7	3723.7	3687.3
57.5°	4282.8	4400.6	4457.3	4535.2	4547.9	4540.3	4518.3	4479.3	4423.4	4320.9	4254.9
60°	5225.6	5298.5	5364.5	5383.2	5392.5	5378.1	5301.0	5214.6	5105.3	4963.9	4846.1
62.5°	5938.0	6012.5	6061.7	6054.0	5995.6	5921.9	5809.2	5664.4	5511.1	5352.7	5176.5
65°	6300.5	6331.9	6324.3	6265.0	6165.0	6036.3	5871.9	5693.2	5512.8	5325.6	5142.6
67°	6281.1	6281.9	6230.2	6115.0	5987.1	5825.3	5624.6	5429.8	5218.0	5021.5	4803.8
67.5°	6246.3	6242.9	6170.9	6044.7	5906.7	5739.8	5531.4	5329.8	5110.4	4912.2	4686.9
70°	5853.3	5805.9	5643.2	5441.6	5249.3	5024.0	4805.5	4574.2	4326.9	4156.6	3897.4
72.5°	4809.7	4649.6	4369.2	4158.3	3952.5	3657.7	3521.3	3234.1	3060.5	2952.1	2756.4
75°	2785.2	2651.3	2434.5	2237.1	2137.2	1962.7	1879.7	1668.7	1624.7	1623.0	1555.2
77.5°	1063.1	927.5	787.8	634.5	539.6	428.6	377.8	338.0	307.5	328.7	298.2
80°	797.1	655.6	512.5	372.7	266.0	196.5	168.6	155.9	148.2	142.3	138.1
82.5°	593.8	468.4	363.4	237.2	166.0	125.4	108.4	101.6	98.3	92.3	87.2
85°	200.8	160.9	127.1	88.1	69.5	56.8	52.5	50.8	48.3	44.0	41.5
87.5°	11.0	10.2	11.0	8.5	10.2	8.5	9.3	9.3	9.3	8.5	8.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P151236

CATALOG NUMBER: TLM-F03-LED-E1-SL3-7050

CANDELA DISTRIBUTION (continued):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	842.8	842.8	842.8	842.8	842.8	842.8	842.8	842.8	842.8	842.8	842.8
2.5°	846.2	846.2	846.2	844.5	842.0	836.9	831.8	827.6	823.4	820.8	819.1
5°	858.9	857.2	856.4	855.5	849.6	839.5	830.1	821.7	813.2	806.4	803.9
7.5°	881.8	878.4	877.6	875.0	867.4	852.2	838.6	825.1	813.2	803.9	799.6
10°	916.5	916.5	911.5	908.1	899.6	879.3	859.8	842.0	825.9	815.7	813.2
12.5°	960.6	960.6	956.3	953.8	943.6	917.4	893.7	872.5	857.2	847.1	846.2
15°	1006.3	1005.5	1002.1	998.7	987.7	959.7	936.0	917.4	904.7	892.8	889.4
17.5°	1047.0	1047.0	1042.8	1039.4	1028.3	1004.6	983.5	969.9	955.5	930.9	912.3
20°	1087.6	1088.5	1085.1	1081.7	1072.4	1052.1	1042.8	1029.2	997.0	943.6	899.6
22.5°	1132.5	1135.9	1131.7	1128.3	1120.7	1112.2	1108.8	1076.6	1008.9	923.3	858.9
25°	1190.1	1196.1	1191.0	1189.3	1185.1	1187.6	1177.4	1102.9	991.9	879.3	798.8
27.5°	1268.9	1268.9	1269.8	1269.8	1268.1	1277.4	1240.1	1103.7	954.7	822.5	726.8
30°	1361.3	1366.3	1364.6	1364.6	1371.4	1377.3	1274.8	1085.1	907.2	752.2	638.7
32.5°	1472.2	1476.5	1478.1	1470.5	1497.6	1467.1	1287.6	1051.2	848.8	665.0	533.7
35°	1606.1	1612.0	1616.2	1617.1	1634.9	1545.1	1280.8	1001.2	764.9	555.7	418.5
37.5°	1780.6	1792.4	1801.7	1806.0	1806.8	1611.1	1262.1	935.2	655.6	433.7	311.7
40°	2012.7	2025.4	2022.8	2031.3	1983.0	1650.1	1219.8	839.5	520.1	318.5	240.6
42.5°	2236.3	2238.0	2241.4	2233.7	2135.5	1670.4	1160.5	722.6	389.7	238.0	205.8
45°	2486.2	2471.8	2455.7	2443.8	2276.1	1678.1	1079.2	580.2	275.3	199.9	190.6
47.5°	2720.8	2701.3	2668.3	2634.4	2401.5	1666.2	975.0	434.5	209.2	183.0	180.4
50°	2951.2	2914.8	2868.2	2829.2	2521.7	1648.4	859.8	313.4	183.0	174.5	172.0
52.5°	3236.7	3175.7	3114.7	3063.9	2678.5	1620.5	738.6	238.0	172.0	167.7	164.3
55°	3628.0	3543.3	3445.1	3373.9	2891.1	1578.1	611.6	201.6	166.9	163.5	158.4
57.5°	4170.2	4043.1	3932.1	3816.1	3181.6	1534.9	502.3	187.2	166.0	160.9	154.2
60°	4724.1	4571.7	4430.2	4264.2	3478.1	1491.7	426.1	185.5	168.6	160.9	150.8
62.5°	5012.1	4854.6	4684.3	4515.8	3606.0	1390.1	373.6	188.1	174.5	163.5	150.8
65°	4946.1	4753.8	4581.0	4409.0	3457.8	1197.8	316.0	191.4	186.4	173.7	153.3
67°	4614.0	4413.3	4247.2	4082.9	3127.4	1002.9	271.1	194.8	199.1	185.5	158.4
67.5°	4497.1	4296.4	4132.9	3972.8	3030.0	962.3	260.1	196.5	201.6	188.9	160.1
70°	3728.8	3581.4	3407.8	3284.1	2453.1	712.4	213.5	199.9	216.9	208.4	167.7
72.5°	2683.5	2542.9	2412.5	2343.9	1806.8	498.1	179.6	196.5	226.2	219.4	171.1
75°	1426.5	1418.0	1370.6	1404.5	1118.1	325.3	158.4	183.8	216.0	200.8	159.3
77.5°	288.0	296.5	348.1	343.1	360.9	181.3	135.5	157.6	166.9	147.4	129.6
80°	133.8	131.3	128.8	130.4	127.9	116.0	110.1	123.7	116.0	94.9	86.4
82.5°	83.0	81.3	78.8	77.9	86.4	92.3	96.6	97.4	77.1	66.1	63.5
85°	39.8	39.8	39.0	40.7	50.8	75.4	81.3	72.0	51.7	47.4	44.9
87.5°	7.6	7.6	8.5	7.6	10.2	17.8	20.3	23.7	19.5	20.3	22.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P151236

CATALOG NUMBER: TLM-F03-LED-E1-SL3-7050

CANDELA DISTRIBUTION (continued):

	165°	175°	180°
0°	842.8	842.8	842.8
2.5°	817.4	815.7	815.7
5°	800.5	799.6	799.6
7.5°	796.3	797.1	796.3
10°	812.3	811.5	814.9
12.5°	847.9	850.5	849.6
15°	885.2	886.9	886.9
17.5°	896.2	890.3	889.4
20°	867.4	856.4	853.9
22.5°	813.2	792.9	793.7
25°	744.6	720.0	721.7
27.5°	665.0	638.7	637.8
30°	569.2	540.4	526.0
32.5°	454.0	419.3	419.3
35°	341.4	313.4	303.3
37.5°	259.2	243.1	238.0
40°	216.0	208.4	206.7
42.5°	196.5	194.0	193.1
45°	186.4	184.7	183.8
47.5°	177.0	176.2	175.3
50°	170.3	169.4	168.6
52.5°	164.3	162.6	161.8
55°	155.9	155.9	155.9
57.5°	150.8	150.8	149.9
60°	145.7	144.8	144.8
62.5°	141.5	139.8	140.6
65°	138.9	136.4	136.4
67°	137.2	132.1	132.1
67.5°	137.2	130.4	130.4
70°	134.7	123.7	122.0
72.5°	132.1	116.0	113.5
75°	125.4	110.1	107.6
77.5°	107.6	98.3	96.6
80°	83.0	72.0	73.7
82.5°	60.1	51.7	50.8
85°	43.2	37.3	37.3
87.5°	22.9	19.5	20.3
90°	0.0	0.0	0.0

(END OF REPORT)