

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: P154541

Luminaire Tested: **TLM-E02-LED-E1-T2-7050**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-41-14  
Report Number: P154541  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33671)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: TLM-E02-LED-E1-T2-7050  
Description: TALON MEDIUM LED SITE LUMINAIRE  
(2) LIGHTBARS WITH AccuLED OPTICS - TYPE 2  
Light Source: (42) 5000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

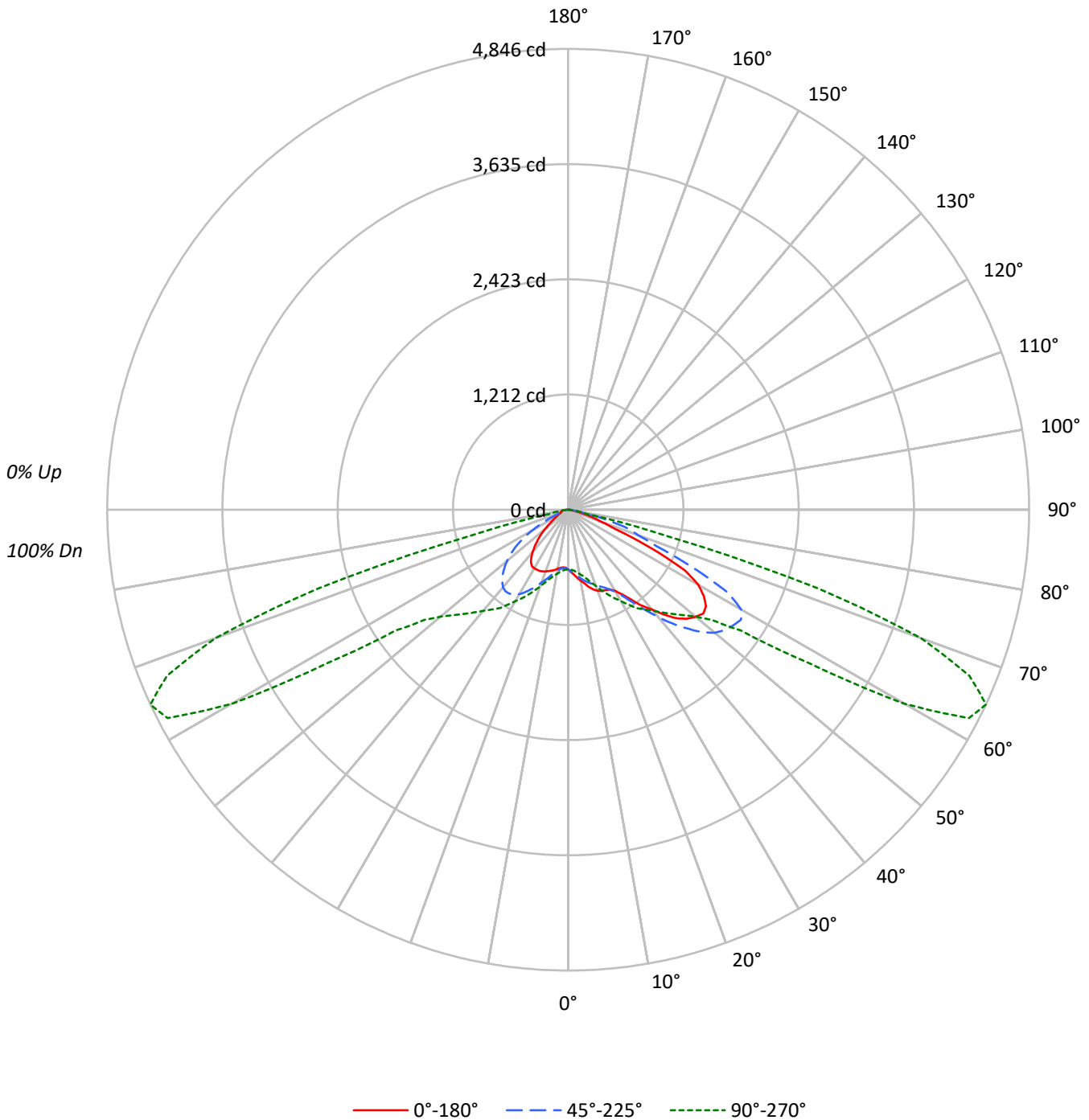
Lumens per Lamp: N/A  
Luminaire Lumens: 6287.7 lumens  
Efficiency: N/A  
Efficacy: 120.7 lumens/watt  
Spacing Criteria (0/90/45): 2.21 / 4.51 / 2.52  
Luminous Opening: Rectangular (W 0.33' x L: 1' x H: 0')  
CIE Type: Direct

Input Watts (W): 52.1  
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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CATALOG NUMBER: TLM-E02-LED-E1-T2-7050

### 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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	107	101	96	91	104	98	94	90	94	90	87	90	87	84	86	84	81	79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61
3	84	71	61	53	81	69	60	53	66	58	51	63	56	50	60	54	50	47
4	75	60	50	42	72	59	49	41	56	48	41	54	46	40	51	45	39	37
5	67	52	42	34	65	51	41	33	49	40	33	46	39	33	44	38	32	30
6	61	46	35	28	59	45	35	27	43	34	27	41	33	27	39	32	27	24
7	56	40	30	23	54	40	30	23	38	29	23	36	28	23	35	28	22	20
8	52	36	26	20	50	35	26	20	34	26	19	33	25	19	31	24	19	17
9	48	33	23	17	46	32	23	17	31	23	17	30	22	17	28	22	17	15
10	45	30	21	15	43	29	21	15	28	20	15	27	20	15	26	19	15	13

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°
0°	20507	20507	20507
5°	22422	21011	19934
10°	25083	22724	20823
15°	28413	25387	22385
20°	31511	29730	23982
25°	33557	35328	25556
30°	37050	41766	26794
35°	45872	50391	27157
40°	58228	59101	24730
45°	74567	71504	20859
50°	88828	88585	16279
55°	100559	125922	11595
60°	102955	266012	9107
65°	75714	374017	7656
70°	35944	376295	7572
75°	19572	139750	9225
80°	9260	22353	11815
85°	4341	13810	13810



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	62.9	1.0
10°-20°	216.2	3.4
20°-30°	424.8	6.8
30°-40°	705.8	11.2
40°-50°	1037.2	16.5
50°-60°	1435.9	22.8
60°-70°	1713.9	27.3
70°-80°	606.1	9.6
80°-90°	84.7	1.3
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°	704.0	11.2
0°-40°	1409.8	22.4
0°-60°	3882.9	61.8
0°-90°	6287.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6287.7	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	629	629	629	629	629	
5°	685	672	642	617	609	68
15°	841	789	752	722	663	239
25°	932	904	982	923	710	435
35°	1152	1191	1266	1078	682	736
45°	1616	1764	1550	977	452	1237
55°	1768	2120	2214	668	204	1549
65°	981	1462	4846	207	99	956
75°	155	440	1109	83	73	191
85°	12	24	37	63	37	17
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°	628.7	628.7	628.7	628.7	628.7	628.7	628.7	628.7	628.7	628.7	628.7
2.5°	656.0	656.7	655.3	654.7	652.6	649.2	646.4	643.7	643.7	643.7	641.7
5°	684.8	686.1	683.4	681.3	675.2	671.8	667.0	663.5	662.2	661.5	659.4
7.5°	721.0	719.0	714.9	713.5	708.7	701.2	692.3	685.4	685.4	684.8	685.4
10°	757.3	751.8	749.7	747.7	740.2	730.6	720.3	712.8	712.1	711.4	709.4
12.5°	793.5	791.5	789.4	781.9	774.4	759.3	747.7	740.2	739.5	740.2	737.4
15°	841.4	836.6	834.6	821.6	805.2	788.7	774.4	767.5	765.5	766.2	764.1
17.5°	878.3	878.3	873.6	859.2	838.0	815.4	800.4	796.3	795.6	795.6	796.3
20°	907.8	907.1	902.3	890.7	865.3	842.8	835.2	833.9	833.2	833.2	835.2
22.5°	924.2	922.8	920.8	907.8	887.9	872.9	873.6	877.7	879.0	880.4	883.1
25°	932.4	930.3	929.7	920.8	906.4	904.3	916.7	927.6	930.3	933.1	936.5
27.5°	946.1	942.6	944.0	940.6	937.2	943.3	968.6	980.3	982.3	985.7	987.8
30°	983.7	982.3	987.8	989.2	991.9	1000.8	1024.1	1035.0	1039.8	1039.8	1049.4
32.5°	1055.5	1056.2	1057.6	1071.9	1076.7	1082.9	1095.2	1104.1	1104.8	1105.5	1114.4
35°	1152.0	1156.1	1167.7	1180.0	1191.7	1191.0	1183.4	1188.2	1184.8	1188.9	1189.6
37.5°	1273.7	1268.3	1285.4	1313.4	1331.2	1326.4	1292.9	1271.0	1277.2	1274.4	1272.4
40°	1367.5	1373.6	1406.4	1443.4	1457.1	1472.1	1428.3	1390.7	1385.2	1375.0	1368.8
42.5°	1496.7	1497.4	1524.1	1551.5	1591.1	1624.0	1595.9	1541.9	1525.5	1513.2	1486.5
45°	1616.5	1614.4	1636.3	1669.8	1717.0	1764.2	1774.5	1715.6	1709.5	1687.6	1652.7
47.5°	1696.5	1693.8	1708.8	1752.6	1829.2	1906.5	1948.9	1931.1	1919.5	1910.6	1855.9
50°	1750.5	1745.1	1762.2	1808.7	1894.2	2013.2	2124.0	2139.1	2134.3	2134.3	2099.4
52.5°	1790.9	1790.9	1803.2	1840.8	1927.7	2076.2	2274.5	2350.5	2356.6	2363.5	2361.4
55°	1768.3	1771.7	1802.5	1857.3	1948.9	2119.9	2399.0	2565.3	2599.5	2628.2	2661.0
57.5°	1691.0	1702.7	1743.7	1833.3	1954.4	2152.8	2537.2	2866.3	2962.7	3046.2	3176.1
60°	1578.2	1593.2	1652.7	1767.0	1914.0	2099.4	2585.8	3120.7	3274.0	3455.9	3795.2
62.5°	1384.6	1399.6	1457.8	1572.0	1697.9	1894.9	2384.7	3158.4	3403.2	3661.1	4174.2
65°	981.0	957.0	1024.1	1126.7	1271.0	1461.9	1927.0	2905.9	3258.2	3607.8	4241.2
67.5°	546.6	544.5	585.6	662.2	800.4	1005.6	1327.8	2228.7	2553.0	2949.0	3726.8
70°	376.9	381.0	407.0	489.8	604.0	781.2	946.1	1399.6	1632.9	1901.7	2666.5
72.5°	264.7	273.6	288.0	337.2	454.2	658.1	966.6	836.6	952.9	1136.2	1603.5
75°	155.3	161.4	171.7	195.6	258.6	439.9	1000.8	735.4	735.4	778.5	970.0
77.5°	95.8	95.8	101.9	111.5	137.5	215.5	712.8	826.4	803.1	778.5	780.5
80°	49.3	52.7	61.6	66.4	76.6	98.5	320.1	770.9	845.5	895.4	860.6
82.5°	22.6	25.3	37.6	40.4	44.5	52.0	110.1	438.5	587.6	773.7	966.6
85°	11.6	11.6	19.8	24.6	26.7	23.9	40.4	177.2	268.2	409.1	640.3
87.5°	2.1	2.1	3.4	4.1	6.2	5.5	6.8	10.3	17.1	18.5	19.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	628.7	628.7	628.7	628.7	628.7	628.7	628.7	628.7	628.7	628.7	628.7
2.5°	641.0	641.7	641.0	640.3	638.9	638.9	638.9	638.2	638.2	638.2	637.6
5°	659.4	656.7	657.4	656.0	655.3	654.7	655.3	654.0	652.6	653.3	652.6
7.5°	682.7	681.3	678.6	678.6	677.9	676.5	676.5	674.5	673.8	672.4	671.8
10°	708.7	705.3	706.6	705.3	706.0	703.2	701.9	700.5	699.1	699.1	699.8
12.5°	735.4	734.7	732.6	731.3	731.3	729.2	729.9	729.2	727.2	726.5	724.4
15°	762.7	762.7	760.7	761.4	760.7	759.3	757.9	757.9	756.6	755.2	755.9
17.5°	794.9	794.9	794.9	794.9	795.6	793.5	794.2	792.8	791.5	794.2	794.2
20°	836.6	839.4	839.4	838.7	842.1	840.0	839.4	842.8	839.4	844.1	843.5
22.5°	884.5	887.2	887.2	890.0	890.7	892.7	894.1	892.7	895.4	898.2	898.2
25°	937.9	940.6	942.6	946.8	948.8	947.4	948.1	951.5	952.9	955.6	958.4
27.5°	994.0	994.6	997.4	1002.2	1005.6	1007.0	1007.6	1013.1	1013.8	1015.2	1017.9
30°	1048.7	1055.5	1054.2	1060.3	1062.4	1064.4	1068.5	1070.6	1075.4	1078.1	1078.1
32.5°	1113.0	1111.6	1117.1	1121.9	1125.3	1128.7	1132.1	1134.9	1137.6	1139.0	1145.8
35°	1193.0	1195.8	1195.8	1196.4	1204.6	1205.3	1208.1	1214.2	1216.3	1220.4	1223.1
37.5°	1272.4	1267.6	1266.9	1266.9	1264.2	1266.2	1266.9	1267.6	1270.3	1271.0	1273.7
40°	1361.3	1355.1	1349.7	1346.3	1340.8	1333.3	1331.9	1328.5	1330.5	1329.8	1330.5
42.5°	1483.1	1466.0	1453.0	1443.4	1432.4	1424.2	1418.1	1409.2	1403.0	1395.5	1394.1
45°	1638.3	1606.2	1584.3	1568.6	1552.8	1530.3	1517.3	1503.6	1491.3	1479.0	1468.7
47.5°	1842.2	1808.0	1773.1	1744.4	1719.8	1683.5	1646.6	1626.0	1602.1	1580.9	1565.8
50°	2082.3	2041.3	2024.8	1984.5	1953.7	1899.0	1853.1	1819.6	1771.7	1739.6	1711.5
52.5°	2327.9	2317.6	2308.7	2274.5	2238.3	2206.8	2166.5	2107.6	2059.1	2022.1	1964.6
55°	2662.4	2667.2	2663.8	2645.3	2632.3	2602.2	2585.8	2534.5	2512.6	2459.2	2399.0
57.5°	3225.4	3263.7	3312.3	3331.4	3357.4	3332.8	3361.5	3396.4	3309.5	3339.6	3285.6
60°	3944.3	4120.2	4224.8	4353.4	4437.6	4555.2	4576.4	4607.2	4598.3	4615.4	4650.3
62.5°	4383.5	4592.2	4792.6	4938.3	5094.3	5180.5	5284.4	5357.0	5432.2	5482.8	5468.5
65°	4512.8	4727.6	4909.6	5069.0	5208.5	5313.9	5410.3	5501.3	5570.4	5619.0	5647.7
67.5°	4038.1	4318.5	4510.1	4696.8	4876.7	4987.6	5068.3	5156.5	5257.8	5341.9	5358.3
70°	3038.6	3459.3	3730.9	3954.6	4166.0	4315.1	4428.0	4510.1	4588.7	4648.9	4714.6
72.5°	1900.3	2268.4	2578.9	2869.0	3093.4	3298.6	3393.7	3575.6	3551.7	3597.5	3646.8
75°	1139.0	1318.2	1489.2	1693.8	1811.4	1982.4	2013.2	2043.3	2027.6	1976.3	2014.6
77.5°	791.5	820.9	819.5	807.9	795.6	765.5	726.5	705.3	690.9	670.4	678.6
80°	796.3	732.6	635.5	534.3	441.2	379.7	355.0	355.0	380.3	416.6	452.9
82.5°	951.5	883.8	788.0	659.4	522.6	425.5	360.5	334.5	339.3	376.2	422.8
85°	641.7	656.7	576.0	526.7	417.3	324.9	272.3	221.0	195.6	201.8	228.5
87.5°	23.3	28.0	10.3	13.7	9.6	8.2	8.2	8.9	6.2	7.5	6.8
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°	628.7	628.7	628.7	628.7	628.7	628.7	628.7	628.7	628.7	628.7	628.7
2.5°	636.9	636.2	636.2	634.8	634.8	634.1	634.1	633.4	632.8	632.8	632.1
5°	651.9	651.2	649.9	649.2	647.8	647.8	647.1	645.8	645.8	644.4	643.7
7.5°	673.1	671.8	670.4	669.7	669.0	667.0	667.0	665.6	665.6	664.2	663.5
10°	698.4	697.1	695.7	696.4	694.3	693.6	692.3	692.3	690.2	689.5	689.5
12.5°	725.8	725.1	725.1	723.1	722.4	721.7	719.0	719.0	719.0	717.6	718.3
15°	755.2	755.9	753.8	755.9	755.2	753.2	753.2	753.2	750.4	753.8	751.1
17.5°	794.9	796.9	795.6	796.3	794.9	794.9	795.6	794.9	796.3	796.3	800.4
20°	844.1	844.8	848.2	846.9	846.9	846.2	847.6	848.2	851.0	849.6	852.4
22.5°	898.2	901.6	902.3	905.0	905.0	904.3	905.7	908.4	909.8	911.9	911.2
25°	959.8	961.8	964.5	961.1	966.6	966.6	968.0	971.4	972.1	972.1	976.9
27.5°	1017.2	1022.7	1023.4	1026.8	1024.7	1026.1	1030.9	1032.9	1035.7	1035.7	1037.1
30°	1082.2	1084.3	1085.6	1089.7	1089.0	1089.7	1090.4	1093.8	1093.8	1097.2	1100.7
32.5°	1149.2	1150.6	1152.0	1156.1	1157.4	1160.2	1158.8	1161.6	1165.0	1165.7	1167.7
35°	1229.3	1230.6	1232.0	1238.2	1238.9	1243.6	1245.0	1243.6	1249.1	1245.7	1249.1
37.5°	1275.8	1281.9	1283.3	1287.4	1286.1	1289.5	1291.5	1294.3	1295.6	1298.4	1303.8
40°	1332.6	1334.6	1338.7	1340.8	1343.5	1344.2	1346.9	1349.0	1351.0	1357.2	1363.4
42.5°	1390.7	1393.5	1395.5	1398.2	1401.7	1404.4	1406.4	1412.6	1414.0	1418.1	1429.7
45°	1461.2	1459.8	1460.5	1461.2	1462.5	1466.0	1472.1	1478.3	1482.4	1492.0	1501.5
47.5°	1548.7	1539.8	1536.4	1530.9	1532.3	1539.8	1541.2	1551.5	1559.7	1568.6	1580.2
50°	1681.4	1657.5	1643.1	1628.8	1627.4	1631.5	1637.0	1647.9	1657.5	1669.1	1685.5
52.5°	1904.5	1858.6	1829.9	1790.2	1779.3	1777.2	1773.1	1779.3	1782.0	1797.7	1828.5
55°	2355.9	2271.1	2216.4	2154.8	2097.4	2080.3	2047.4	2054.3	2047.4	2057.0	2102.8
57.5°	3298.6	3230.9	3177.5	3098.8	3000.3	2895.7	2869.7	2762.3	2783.5	2845.0	2805.4
60°	4667.4	4642.8	4604.5	4566.9	4432.1	4356.2	4232.3	4218.7	4131.8	4132.5	4075.7
62.5°	5433.6	5465.0	5441.8	5430.8	5423.3	5399.4	5337.8	5263.9	5153.1	5073.1	4955.4
65°	5652.5	5625.8	5600.5	5597.1	5595.0	5634.0	5642.9	5590.9	5490.3	5365.8	5230.4
67.5°	5397.3	5382.3	5383.6	5354.9	5372.7	5440.4	5487.6	5473.2	5380.9	5230.4	5058.0
70°	4789.9	4760.4	4790.5	4828.2	4854.8	4893.8	4941.0	4952.7	4868.5	4713.9	4538.1
72.5°	3586.6	3591.4	3620.1	3630.4	3737.8	3726.8	3769.2	3631.0	3570.2	3423.1	3332.8
75°	1887.3	1856.6	1936.6	1767.0	1697.2	1745.7	1609.6	1479.0	1506.3	1528.9	1366.1
77.5°	667.0	623.9	550.7	521.3	433.7	367.3	300.3	270.9	255.2	246.9	236.7
80°	478.8	492.5	477.5	441.9	375.6	301.0	237.4	187.4	160.8	146.4	136.8
82.5°	484.3	538.4	562.3	552.0	491.8	372.1	245.6	156.7	116.3	97.1	90.3
85°	259.9	284.6	273.6	230.5	207.3	123.8	84.8	56.8	47.9	43.8	40.4
87.5°	10.3	8.2	6.8	6.8	7.5	8.2	6.8	7.5	6.8	6.8	6.8
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: P154541

CATALOG NUMBER: TLM-E02-LED-E1-T2-7050

**CANDELA DISTRIBUTION (continued):**

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	628.7	628.7	628.7	628.7	628.7	628.7	628.7	628.7	628.7	628.7	628.7
2.5°	630.7	630.7	630.7	630.0	628.7	625.2	621.8	619.1	617.0	615.0	612.2
5°	643.0	641.7	641.7	641.7	636.2	630.7	625.9	621.1	617.0	613.6	610.9
7.5°	663.5	662.9	660.1	659.4	655.3	646.4	641.0	632.8	628.0	623.2	621.8
10°	688.2	687.5	686.8	686.1	680.6	671.8	664.9	657.4	650.6	643.7	636.9
12.5°	716.9	716.2	715.5	713.5	711.4	706.6	699.1	690.9	682.7	668.3	660.8
15°	752.5	753.8	752.5	751.8	750.4	751.1	746.3	734.7	721.7	703.2	687.5
17.5°	799.7	798.3	797.6	800.4	799.7	803.1	801.7	786.7	766.8	737.4	710.1
20°	851.7	851.7	854.4	856.5	862.6	871.5	867.4	848.9	812.7	771.6	736.1
22.5°	913.9	915.3	918.0	916.7	926.2	940.6	942.0	916.0	868.8	812.0	762.1
25°	978.9	980.3	977.5	981.6	997.4	1017.9	1022.0	985.1	922.8	848.9	783.9
27.5°	1040.5	1041.8	1041.8	1047.3	1062.4	1097.2	1101.4	1060.3	977.5	881.1	799.7
30°	1100.7	1106.1	1107.5	1108.9	1131.5	1180.0	1188.9	1129.4	1025.4	905.0	810.6
32.5°	1176.6	1178.7	1181.4	1184.8	1210.8	1270.3	1270.3	1188.9	1056.2	920.1	812.7
35°	1258.0	1258.7	1264.8	1265.5	1302.5	1362.0	1350.4	1238.2	1078.1	916.7	797.6
37.5°	1307.3	1310.0	1316.2	1324.4	1363.4	1447.5	1420.8	1280.6	1082.2	894.1	763.4
40°	1368.1	1373.6	1379.8	1388.0	1446.1	1534.4	1480.3	1307.3	1065.1	849.6	712.1
42.5°	1433.8	1441.3	1450.9	1466.0	1535.1	1611.0	1525.5	1311.4	1026.1	799.7	651.2
45°	1507.7	1521.4	1532.3	1550.1	1628.1	1677.3	1552.8	1287.4	976.9	734.0	586.2
47.5°	1593.2	1604.1	1623.3	1642.5	1720.4	1722.5	1555.6	1240.9	909.8	668.3	517.2
50°	1698.5	1705.4	1734.1	1745.7	1818.9	1769.7	1535.7	1178.0	839.4	594.5	440.5
52.5°	1838.8	1848.4	1885.3	1903.1	1955.1	1834.0	1507.7	1109.6	758.6	511.7	361.9
55°	2115.8	2157.6	2183.6	2214.3	2247.9	1979.7	1495.4	1036.4	667.7	415.9	286.6
57.5°	2893.6	2879.9	2937.4	3007.2	3006.5	2312.8	1569.3	973.4	560.3	318.1	220.3
60°	4052.4	4065.4	4036.0	4077.7	3945.0	2726.0	1670.5	907.1	439.2	236.7	168.3
62.5°	4913.7	4838.4	4796.7	4747.4	4455.3	2771.2	1596.6	770.9	319.5	166.2	129.3
65°	5117.5	5029.3	4939.7	4846.0	4405.4	2498.2	1310.0	565.7	206.6	114.2	102.6
67.5°	4916.4	4774.8	4660.6	4564.1	4036.7	2070.7	957.7	347.5	118.3	92.3	87.6
70°	4395.2	4238.5	4053.8	3945.7	3399.1	1526.2	613.6	187.4	91.0	82.1	80.0
72.5°	3217.2	3088.6	2886.8	2763.0	2440.8	927.6	342.7	105.3	84.8	78.7	75.9
75°	1253.2	1186.2	1102.0	1108.9	989.8	410.4	155.3	91.0	82.8	77.3	74.6
77.5°	215.5	210.0	194.3	194.3	221.0	149.8	103.3	91.7	82.1	75.9	71.1
80°	129.3	126.6	120.4	119.0	114.9	105.3	99.2	93.0	80.7	71.8	65.7
82.5°	84.8	81.4	79.4	78.7	85.5	92.3	93.0	92.3	76.6	62.3	53.4
85°	36.3	36.3	36.3	36.9	49.3	74.6	76.6	82.1	62.9	48.6	38.3
87.5°	6.2	7.5	7.5	8.2	8.9	16.4	20.5	26.7	21.2	20.5	18.5
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: P154541

CATALOG NUMBER: TLM-E02-LED-E1-T2-7050

**CANDELA DISTRIBUTION (continued):**

	165°	175°	180°
0°	628.7	628.7	628.7
2.5°	611.6	610.2	610.2
5°	609.5	608.1	608.8
7.5°	617.7	615.0	615.7
10°	632.8	630.0	628.7
12.5°	651.9	648.5	648.5
15°	671.8	663.5	662.9
17.5°	688.2	677.9	676.5
20°	706.6	693.0	690.9
22.5°	723.7	705.3	702.5
25°	736.1	713.5	710.1
27.5°	741.5	714.9	712.1
30°	745.6	715.5	711.4
32.5°	741.5	709.4	706.0
35°	719.0	684.1	682.0
37.5°	680.0	641.0	638.2
40°	628.7	587.6	580.8
42.5°	563.0	524.7	517.2
45°	499.4	455.6	452.2
47.5°	431.0	389.2	391.3
50°	359.1	321.5	320.8
52.5°	290.7	257.9	255.8
55°	229.2	205.9	203.9
57.5°	181.3	169.0	166.9
60°	147.8	141.6	139.6
62.5°	119.0	117.0	116.3
65°	99.2	99.2	99.2
67.5°	86.2	86.9	86.9
70°	79.4	80.0	79.4
72.5°	76.6	78.7	78.7
75°	74.6	75.9	73.2
77.5°	73.2	73.9	69.1
80°	72.5	71.8	62.9
82.5°	62.9	60.9	53.4
85°	57.5	43.8	36.9
87.5°	29.4	20.5	15.7
90°	0.0	0.0	0.0

(END OF REPORT)