

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: P151254

Luminaire Tested: **TLM-F05-LED-E1-SL3-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P151254
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-F05-LED-E1-SL3-7030
Description: TALON MEDIUM LED SITE LUMINAIRE
(5) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (35) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

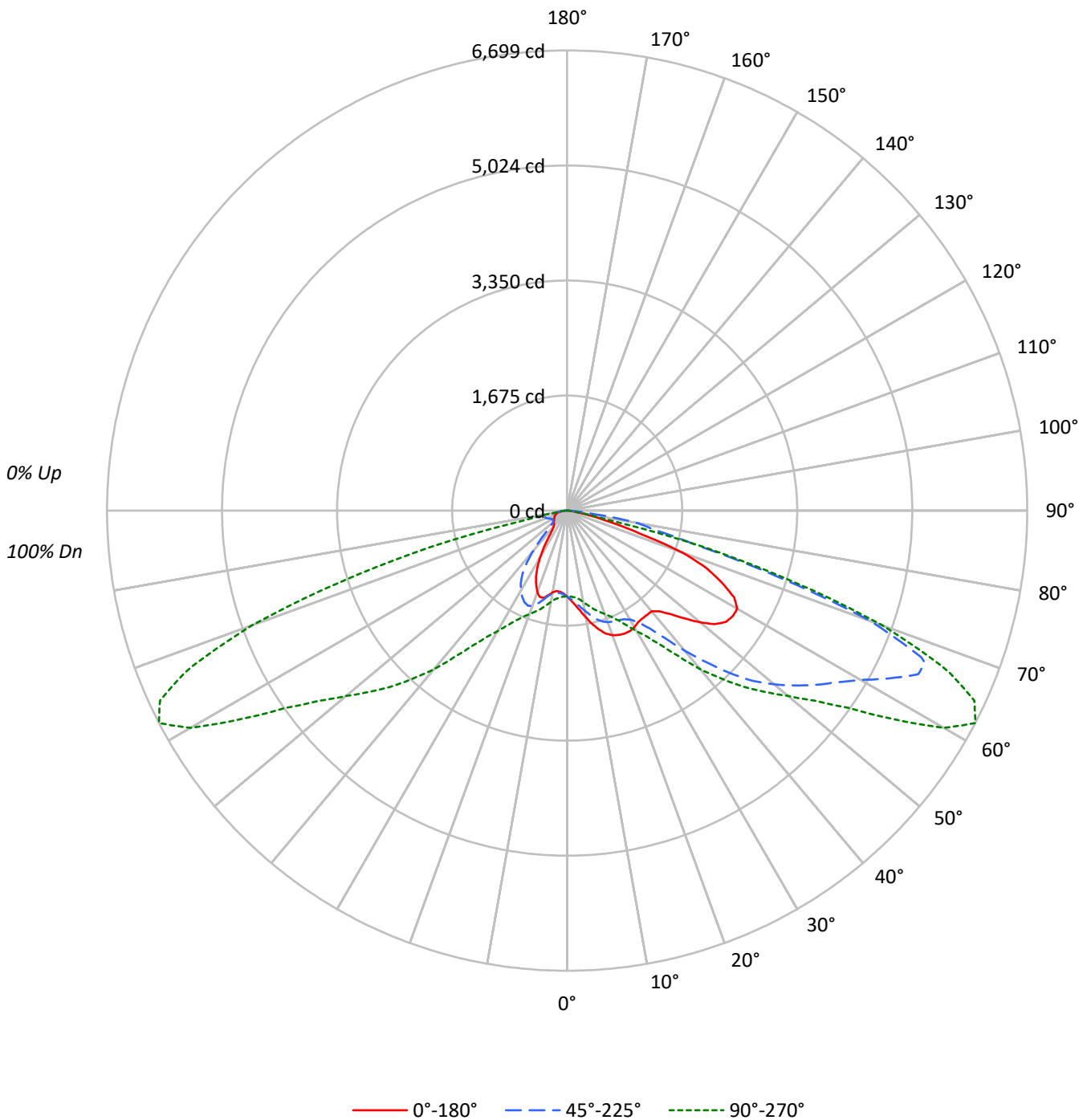
Lumens per Lamp: N/A
Luminaire Lumens: 11446.2 lumens
Efficiency: N/A
Efficacy: 85.9 lumens/watt
Spacing Criteria (0/90/45): 1.44 / 3.92 / 2.51
Luminous Opening: Rectangular (W 0.83' x L: 1' x H: 0')
CIE Type: Direct

Input Watts (W): 133.3
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°	16216	16216	16216
5°	18012	16523	15443
10°	20818	17739	15920
15°	24076	19892	17665
20°	26638	22146	17482
25°	28268	25246	15321
30°	29337	30317	11686
35°	30319	37980	7123
40°	32379	51016	5191
45°	39111	66493	5001
50°	51088	84681	5046
55°	63815	113170	5227
60°	74152	164078	5574
65°	76277	200716	6208
70°	67899	184738	6863
75°	32614	104397	7997
80°	11262	14451	8163
85°	5044	8973	8229



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	124.5	1.1
10°-20°	426.9	3.7
20°-30°	753.7	6.6
30°-40°	1081.9	9.5
40°-50°	1643.1	14.4
50°-60°	2419.3	21.1
60°-70°	3215.1	28.1
70°-80°	1572.9	13.7
80°-90°	208.9	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°	1305.1	11.4
0°-40°	2387.0	20.9
0°-60°	6449.4	56.3
0°-90°	11446.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11446.2	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	1250	1250	1250	1250	1250	
5°	1384	1345	1269	1206	1186	138
15°	1793	1632	1482	1342	1316	510
25°	1976	1761	1764	1472	1071	910
35°	1915	2092	2399	1135	450	1207
45°	2132	3344	3626	408	273	1685
55°	2822	4423	5005	248	231	2491
65°	2486	5641	6541	276	202	2414
75°	651	1940	2084	320	160	811
85°	34	107	60	77	55	50
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°	1250.4	1250.4	1250.4	1250.4	1250.4	1250.4	1250.4	1250.4	1250.4	1250.4	1250.4
2.5°	1309.4	1310.7	1308.2	1306.9	1299.4	1291.8	1286.8	1280.5	1280.5	1280.5	1278.0
5°	1383.6	1378.6	1382.3	1373.5	1358.4	1344.6	1330.8	1319.5	1317.0	1317.0	1311.9
7.5°	1472.8	1466.5	1464.0	1451.4	1428.8	1408.7	1381.1	1369.8	1363.5	1361.0	1358.4
10°	1580.9	1580.9	1564.5	1543.2	1513.0	1477.8	1447.7	1427.6	1426.3	1426.3	1415.0
12.5°	1691.5	1694.0	1672.6	1651.2	1602.2	1555.7	1520.6	1497.9	1496.7	1491.7	1485.4
15°	1793.2	1787.0	1773.1	1741.7	1687.7	1632.4	1588.4	1565.8	1560.8	1555.7	1552.0
17.5°	1877.4	1871.2	1853.6	1813.4	1756.8	1691.5	1637.4	1613.5	1611.0	1608.5	1603.5
20°	1930.2	1925.2	1900.1	1853.6	1794.5	1727.9	1670.1	1653.8	1648.7	1648.7	1646.2
22.5°	1960.4	1952.8	1916.4	1854.8	1797.0	1748.0	1700.3	1690.2	1686.4	1687.7	1687.7
25°	1975.5	1969.2	1917.7	1829.7	1774.4	1760.6	1740.5	1734.2	1735.4	1736.7	1739.2
27.5°	1978.0	1969.2	1908.9	1797.0	1745.5	1784.5	1798.3	1808.3	1808.3	1813.4	1822.2
30°	1959.1	1949.1	1891.3	1771.9	1732.9	1832.2	1887.5	1913.9	1923.9	1921.4	1941.5
32.5°	1926.5	1920.2	1873.7	1771.9	1768.1	1926.5	2024.5	2062.2	2067.2	2069.7	2092.3
35°	1915.1	1913.9	1893.8	1832.2	1877.4	2092.3	2241.9	2270.8	2277.1	2277.1	2293.4
37.5°	1912.6	1918.9	1941.5	1945.3	2069.7	2338.6	2534.7	2578.7	2578.7	2591.2	2591.2
40°	1912.6	1926.5	2011.9	2113.7	2304.7	2659.1	2930.5	2980.8	2980.8	2994.6	2987.1
42.5°	1986.8	2006.9	2147.6	2341.1	2601.3	2989.6	3301.2	3357.8	3361.6	3357.8	3369.1
45°	2132.5	2150.1	2321.0	2598.8	2906.6	3344.0	3655.6	3723.5	3709.6	3718.4	3722.2
47.5°	2326.1	2353.7	2548.5	2880.3	3204.5	3671.9	4052.7	4114.3	4109.3	4113.0	4096.7
50°	2532.2	2561.1	2778.5	3159.2	3501.0	3935.8	4371.9	4463.6	4454.8	4461.1	4469.9
52.5°	2714.4	2732.0	2941.8	3369.1	3726.0	4182.2	4617.0	4731.3	4751.4	4753.9	4760.2
55°	2822.4	2843.8	3036.1	3473.4	3889.3	4423.4	4897.2	5070.6	5109.6	5119.6	5147.3
57.5°	2860.1	2882.8	3057.4	3488.5	3978.6	4649.6	5288.0	5593.4	5626.0	5680.1	5768.1
60°	2858.9	2882.8	3034.8	3454.5	4069.1	4929.9	5896.2	6407.7	6573.6	6628.9	6754.5
62.5°	2742.0	2769.7	2924.2	3351.5	4184.7	5288.0	6801.0	7587.7	7801.3	7901.9	8037.6
65°	2485.7	2505.8	2650.3	3090.1	4152.0	5641.1	7557.5	8539.0	8733.8	8880.8	9123.3
67°	2258.2	2270.8	2383.9	2781.0	3832.8	5653.7	7796.3	8775.2	8944.9	9100.7	9350.8
67.5°	2200.4	2226.8	2314.8	2686.7	3713.4	5582.1	7780.0	8738.8	8912.2	9074.3	9338.2
70°	1790.7	1828.4	1872.4	2122.5	2919.2	4696.1	7203.2	8107.9	8260.0	8410.8	8779.0
72.5°	1104.6	1172.5	1181.3	1339.6	1900.1	3245.9	5828.4	6837.5	6951.8	7059.9	7436.9
75°	650.9	661.0	692.4	820.6	1114.7	1940.3	3910.7	5079.4	5185.0	5237.7	5533.1
77.5°	363.2	373.2	399.6	510.2	857.0	1306.9	2277.1	2984.6	3048.6	3115.2	3067.5
80°	150.8	164.6	177.2	206.1	400.9	1031.7	1565.8	1897.6	1939.0	1978.0	2027.0
82.5°	72.9	77.9	95.5	109.3	145.8	423.5	1227.8	1645.0	1694.0	1750.5	1864.9
85°	33.9	37.7	52.8	62.8	70.4	106.8	410.9	800.5	868.3	880.9	903.5
87.5°	2.5	2.5	6.3	8.8	12.6	13.8	42.7	60.3	67.9	61.6	77.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1250.4	1250.4	1250.4	1250.4	1250.4	1250.4	1250.4	1250.4	1250.4	1250.4	1250.4
2.5°	1276.8	1275.5	1273.0	1273.0	1271.7	1271.7	1271.7	1269.2	1269.2	1269.2	1268.0
5°	1310.7	1309.4	1305.7	1305.7	1303.2	1303.2	1299.4	1298.1	1295.6	1295.6	1294.4
7.5°	1354.7	1353.4	1348.4	1348.4	1344.6	1343.4	1340.9	1337.1	1337.1	1334.6	1332.1
10°	1415.0	1411.2	1410.0	1403.7	1404.9	1402.4	1399.9	1396.1	1393.6	1391.1	1388.6
12.5°	1482.9	1482.9	1476.6	1472.8	1475.3	1472.8	1467.8	1466.5	1462.7	1462.7	1459.0
15°	1546.9	1546.9	1544.4	1539.4	1540.7	1536.9	1535.6	1533.1	1528.1	1529.4	1528.1
17.5°	1602.2	1602.2	1598.5	1596.0	1596.0	1592.2	1593.4	1590.9	1588.4	1587.2	1583.4
20°	1646.2	1646.2	1643.7	1641.2	1642.4	1642.4	1638.7	1638.7	1638.7	1636.2	1636.2
22.5°	1688.9	1690.2	1690.2	1690.2	1691.5	1692.7	1691.5	1694.0	1692.7	1695.2	1695.2
25°	1745.5	1749.3	1751.8	1751.8	1758.1	1759.3	1760.6	1764.3	1764.3	1768.1	1769.4
27.5°	1829.7	1832.2	1842.3	1844.8	1846.0	1856.1	1857.3	1862.4	1867.4	1868.6	1869.9
30°	1945.3	1951.6	1959.1	1964.2	1964.2	1976.7	1981.7	1979.2	1993.1	1996.8	2001.9
32.5°	2099.9	2104.9	2112.4	2117.5	2122.5	2128.8	2130.0	2136.3	2147.6	2157.7	2151.4
35°	2294.7	2307.2	2294.7	2308.5	2312.2	2321.0	2318.5	2326.1	2331.1	2334.9	2333.6
37.5°	2577.4	2571.1	2568.6	2563.6	2554.8	2584.9	2569.9	2568.6	2561.1	2582.4	2568.6
40°	2949.4	2953.1	2956.9	2936.8	2925.5	2925.5	2921.7	2907.9	2901.6	2920.5	2918.0
42.5°	3337.7	3341.4	3323.9	3311.3	3282.4	3278.6	3261.0	3257.3	3251.0	3261.0	3251.0
45°	3690.8	3693.3	3654.4	3660.6	3638.0	3641.8	3614.1	3625.5	3610.4	3620.4	3639.3
47.5°	4085.4	4090.4	4056.5	4070.3	4047.7	4033.9	4032.6	4040.1	4023.8	4033.9	4038.9
50°	4443.5	4437.3	4419.7	4423.4	4413.4	4415.9	4400.8	4414.6	4395.8	4415.9	4413.4
52.5°	4761.5	4753.9	4750.2	4762.7	4753.9	4753.9	4745.1	4751.4	4753.9	4784.1	4790.4
55°	5147.3	5153.5	5159.8	5182.4	5192.5	5176.2	5192.5	5223.9	5225.2	5296.8	5335.8
57.5°	5766.8	5810.8	5833.4	5847.2	5906.3	5900.0	5937.7	6013.1	6020.6	6186.5	6283.3
60°	6847.5	6925.4	6999.6	6959.4	7078.7	7115.2	7137.8	7278.6	7322.5	7479.6	7563.8
62.5°	8212.2	8221.0	8336.7	8300.2	8368.1	8351.7	8379.4	8443.5	8501.3	8630.7	8709.9
65°	9164.8	9206.3	9251.5	9205.0	9203.7	9148.5	9113.3	9112.0	9147.2	9174.8	9262.8
67°	9423.7	9465.1	9476.4	9442.5	9393.5	9323.1	9257.8	9223.9	9201.2	9213.8	9269.1
67.5°	9421.1	9460.1	9473.9	9441.3	9373.4	9314.3	9245.2	9206.3	9176.1	9182.4	9228.9
70°	8885.8	8970.0	9015.2	9025.3	9016.5	8913.5	8854.4	8819.2	8794.1	8732.5	8728.7
72.5°	7528.6	7630.4	7665.6	7722.1	7747.3	7595.2	7531.1	7570.1	7482.1	7287.3	7296.1
75°	5528.0	5535.6	5417.4	5394.8	5310.6	4966.3	4863.3	4769.0	4618.2	4383.2	4162.0
77.5°	2881.5	2880.3	2744.5	2675.4	2574.9	2367.5	2357.5	2189.1	2071.0	1856.1	1778.2
80°	2047.1	2079.8	2125.0	2147.6	2112.4	2032.0	1921.4	1802.0	1665.1	1530.6	1369.8
82.5°	1903.8	1923.9	1947.8	1859.9	1810.8	1697.7	1613.5	1440.1	1343.4	1190.1	1027.9
85°	926.2	987.7	940.0	884.7	865.8	677.3	654.7	546.6	496.4	408.4	380.8
87.5°	59.1	72.9	65.3	59.1	51.5	28.9	39.0	27.6	28.9	21.4	18.8
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°	1250.4	1250.4	1250.4	1250.4	1250.4	1250.4	1250.4	1250.4	1250.4	1250.4	1250.4
2.5°	1268.0	1266.7	1265.5	1264.2	1262.9	1262.9	1261.7	1260.4	1259.2	1256.7	1256.7
5°	1291.8	1291.8	1290.6	1288.1	1288.1	1285.6	1281.8	1280.5	1280.5	1278.0	1275.5
7.5°	1330.8	1329.5	1327.0	1325.8	1323.3	1320.7	1318.2	1315.7	1314.5	1310.7	1309.4
10°	1389.9	1387.3	1381.1	1378.6	1377.3	1374.8	1372.3	1369.8	1366.0	1363.5	1362.2
12.5°	1456.5	1455.2	1450.2	1452.7	1446.4	1443.9	1441.4	1435.1	1437.6	1432.6	1430.1
15°	1523.1	1524.3	1521.8	1521.8	1516.8	1513.0	1510.5	1505.5	1504.2	1501.7	1499.2
17.5°	1582.1	1584.6	1580.9	1578.4	1575.8	1573.3	1568.3	1563.3	1563.3	1558.3	1555.7
20°	1636.2	1638.7	1637.4	1634.9	1631.1	1629.9	1627.4	1623.6	1623.6	1621.1	1617.3
22.5°	1697.7	1699.0	1699.0	1697.7	1694.0	1695.2	1692.7	1688.9	1690.2	1685.2	1685.2
25°	1771.9	1774.4	1776.9	1778.2	1775.7	1776.9	1774.4	1771.9	1770.6	1771.9	1770.6
27.5°	1873.7	1876.2	1883.7	1877.4	1883.7	1885.0	1881.2	1876.2	1880.0	1886.2	1882.5
30°	2008.1	2005.6	2015.7	2016.9	2015.7	2016.9	2014.4	2010.6	2013.2	2024.5	2018.2
32.5°	2158.9	2164.0	2166.5	2169.0	2172.8	2177.8	2174.0	2170.2	2176.5	2172.8	2181.6
35°	2341.1	2352.5	2356.2	2352.5	2355.0	2363.8	2362.5	2363.8	2376.3	2363.8	2380.1
37.5°	2571.1	2582.4	2591.2	2586.2	2592.5	2592.5	2602.5	2630.2	2612.6	2635.2	2652.8
40°	2905.4	2923.0	2924.2	2923.0	2929.3	2936.8	2946.9	2977.0	2956.9	2980.8	2997.1
42.5°	3249.7	3271.1	3278.6	3266.0	3279.9	3296.2	3297.5	3323.9	3325.1	3328.9	3337.7
45°	3638.0	3656.9	3671.9	3665.7	3666.9	3688.3	3683.3	3708.4	3689.5	3689.5	3694.6
47.5°	4051.5	4069.1	4079.1	4089.2	4076.6	4095.4	4104.2	4099.2	4076.6	4071.6	4041.4
50°	4428.5	4443.5	4458.6	4486.3	4485.0	4493.8	4500.1	4477.5	4472.4	4444.8	4410.9
52.5°	4828.1	4867.0	4901.0	4958.8	4967.6	4997.7	4986.4	4948.7	4942.4	4897.2	4851.9
55°	5384.8	5496.6	5545.6	5634.8	5695.2	5693.9	5668.8	5662.5	5614.7	5524.3	5470.2
57.5°	6353.7	6528.3	6612.5	6728.1	6747.0	6735.7	6703.0	6645.2	6562.3	6410.2	6312.2
60°	7752.3	7860.4	7958.4	7986.0	7999.9	7978.5	7864.2	7736.0	7573.9	7364.0	7189.3
62.5°	8809.2	8919.7	8992.6	8981.3	8894.6	8785.3	8618.1	8403.3	8175.8	7940.8	7679.4
65°	9347.0	9393.5	9382.2	9294.2	9145.9	8954.9	8711.1	8446.0	8178.3	7900.6	7629.2
67°	9318.1	9319.4	9242.7	9071.8	8882.0	8642.0	8344.2	8055.2	7741.0	7449.5	7126.5
67.5°	9266.6	9261.6	9154.7	8967.5	8762.7	8515.1	8206.0	7906.9	7581.4	7287.3	6953.1
70°	8683.5	8613.1	8371.8	8072.8	7787.5	7453.2	7129.0	6785.9	6419.0	6166.4	5781.9
72.5°	7135.3	6897.8	6481.8	6168.9	5863.6	5426.2	5223.9	4797.9	4540.3	4379.4	4089.2
75°	4131.9	3933.3	3611.6	3318.8	3170.5	2911.7	2788.5	2475.6	2410.3	2407.8	2307.2
77.5°	1577.1	1376.0	1168.7	941.2	800.5	635.9	560.5	501.4	456.2	487.6	442.3
80°	1182.5	972.7	760.3	552.9	394.6	291.5	250.1	231.2	219.9	211.1	204.8
82.5°	880.9	694.9	539.1	351.9	246.3	186.0	160.9	150.8	145.8	137.0	129.4
85°	297.8	238.8	188.5	130.7	103.0	84.2	77.9	75.4	71.6	65.3	61.6
87.5°	16.3	15.1	16.3	12.6	15.1	12.6	13.8	13.8	13.8	12.6	12.6
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: P151254

CATALOG NUMBER: TLM-F05-LED-E1-SL3-7030

CANDELA DISTRIBUTION (continued):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1250.4	1250.4	1250.4	1250.4	1250.4	1250.4	1250.4	1250.4	1250.4	1250.4	1250.4
2.5°	1255.4	1255.4	1255.4	1252.9	1249.1	1241.6	1234.0	1227.8	1221.5	1217.7	1215.2
5°	1274.2	1271.7	1270.5	1269.2	1260.4	1245.3	1231.5	1219.0	1206.4	1196.3	1192.6
7.5°	1308.2	1303.2	1301.9	1298.1	1286.8	1264.2	1244.1	1224.0	1206.4	1192.6	1186.3
10°	1359.7	1359.7	1352.2	1347.1	1334.6	1304.4	1275.5	1249.1	1225.2	1210.2	1206.4
12.5°	1425.0	1425.0	1418.8	1415.0	1399.9	1361.0	1325.8	1294.4	1271.7	1256.7	1255.4
15°	1492.9	1491.7	1486.6	1481.6	1465.3	1423.8	1388.6	1361.0	1342.1	1324.5	1319.5
17.5°	1553.2	1553.2	1546.9	1541.9	1525.6	1490.4	1459.0	1438.9	1417.5	1381.1	1353.4
20°	1613.5	1614.8	1609.8	1604.7	1590.9	1560.8	1546.9	1526.8	1479.1	1399.9	1334.6
22.5°	1680.1	1685.2	1678.9	1673.9	1662.6	1650.0	1645.0	1597.2	1496.7	1369.8	1274.2
25°	1765.6	1774.4	1766.9	1764.3	1758.1	1761.8	1746.8	1636.2	1471.5	1304.4	1185.0
27.5°	1882.5	1882.5	1883.7	1883.7	1881.2	1895.0	1839.7	1637.4	1416.3	1220.2	1078.2
30°	2019.4	2027.0	2024.5	2024.5	2034.5	2043.3	1891.3	1609.8	1345.9	1115.9	947.5
32.5°	2184.1	2190.4	2192.9	2181.6	2221.8	2176.5	1910.1	1559.5	1259.2	986.5	791.7
35°	2382.6	2391.4	2397.7	2399.0	2425.3	2292.1	1900.1	1485.4	1134.8	824.4	620.8
37.5°	2641.5	2659.1	2672.9	2679.2	2680.4	2390.2	1872.4	1387.3	972.7	643.4	462.4
40°	2985.8	3004.7	3000.9	3013.5	2941.8	2448.0	1809.6	1245.3	771.6	472.5	356.9
42.5°	3317.6	3320.1	3325.1	3313.8	3168.0	2478.1	1721.6	1071.9	578.1	353.1	305.4
45°	3688.3	3666.9	3643.0	3625.5	3376.6	2489.4	1601.0	860.8	408.4	296.6	282.7
47.5°	4036.4	4007.5	3958.5	3908.2	3562.6	2471.8	1446.4	644.7	310.4	271.4	267.7
50°	4378.2	4324.2	4255.0	4197.2	3741.1	2445.5	1275.5	465.0	271.4	258.9	255.1
52.5°	4801.7	4711.2	4620.7	4545.3	3973.5	2404.0	1095.8	353.1	255.1	248.8	243.8
55°	5382.3	5256.6	5110.8	5005.3	4289.0	2341.1	907.3	299.1	247.6	242.5	235.0
57.5°	6186.5	5998.0	5833.4	5661.2	4720.0	2277.1	745.2	277.7	246.3	238.8	228.7
60°	7008.4	6782.2	6572.3	6326.0	5159.8	2213.0	632.1	275.2	250.1	238.8	223.7
62.5°	7435.6	7201.9	6949.3	6699.2	5349.6	2062.2	554.2	279.0	258.9	242.5	223.7
65°	7337.6	7052.4	6796.0	6540.9	5129.7	1776.9	468.7	284.0	276.5	257.6	227.5
67°	6845.0	6547.2	6300.9	6057.1	4639.6	1487.9	402.1	289.0	295.3	275.2	235.0
67.5°	6671.6	6373.8	6131.2	5893.7	4495.1	1427.6	385.8	291.5	299.1	280.2	237.5
70°	5531.8	5313.1	5055.5	4872.1	3639.3	1056.8	316.7	296.6	321.7	309.1	248.8
72.5°	3981.1	3772.5	3579.0	3477.2	2680.4	738.9	266.4	291.5	335.5	325.5	253.8
75°	2116.2	2103.6	2033.3	2083.5	1658.8	482.6	235.0	272.7	320.4	297.8	236.3
77.5°	427.3	439.8	516.5	508.9	535.3	268.9	201.1	233.7	247.6	218.7	192.3
80°	198.6	194.8	191.0	193.5	189.8	172.2	163.4	183.5	172.2	140.7	128.2
82.5°	123.2	120.6	116.9	115.6	128.2	137.0	143.3	144.5	114.4	98.0	94.2
85°	59.1	59.1	57.8	60.3	75.4	111.8	120.6	106.8	76.7	70.4	66.6
87.5°	11.3	11.3	12.6	11.3	15.1	26.4	30.2	35.2	28.9	30.2	33.9
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: P151254

CATALOG NUMBER: TLM-F05-LED-E1-SL3-7030

CANDELA DISTRIBUTION (continued):

	165°	175°	180°
0°	1250.4	1250.4	1250.4
2.5°	1212.7	1210.2	1210.2
5°	1187.5	1186.3	1186.3
7.5°	1181.3	1182.5	1181.3
10°	1205.1	1203.9	1208.9
12.5°	1257.9	1261.7	1260.4
15°	1313.2	1315.7	1315.7
17.5°	1329.5	1320.7	1319.5
20°	1286.8	1270.5	1266.7
22.5°	1206.4	1176.2	1177.5
25°	1104.6	1068.2	1070.7
27.5°	986.5	947.5	946.3
30°	844.5	801.7	780.4
32.5°	673.6	622.0	622.0
35°	506.4	465.0	449.9
37.5°	384.5	360.7	353.1
40°	320.4	309.1	306.6
42.5°	291.5	287.8	286.5
45°	276.5	274.0	272.7
47.5°	262.6	261.4	260.1
50°	252.6	251.3	250.1
52.5°	243.8	241.3	240.0
55°	231.2	231.2	231.2
57.5°	223.7	223.7	222.4
60°	216.1	214.9	214.9
62.5°	209.9	207.3	208.6
65°	206.1	202.3	202.3
67°	203.6	196.0	196.0
67.5°	203.6	193.5	193.5
70°	199.8	183.5	181.0
72.5°	196.0	172.2	168.4
75°	186.0	163.4	159.6
77.5°	159.6	145.8	143.3
80°	123.2	106.8	109.3
82.5°	89.2	76.7	75.4
85°	64.1	55.3	55.3
87.5°	33.9	28.9	30.2
90°	0.0	0.0	0.0

(END OF REPORT)