

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: P150115

Luminaire Tested: **TLM-F05-LED-E1-SL2**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-41-14  
Report Number: P150115  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33678)  
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-SL2  
Description: TALON MEDIUM LED SITE LUMINAIRE  
(5) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL  
Light Source: (35) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

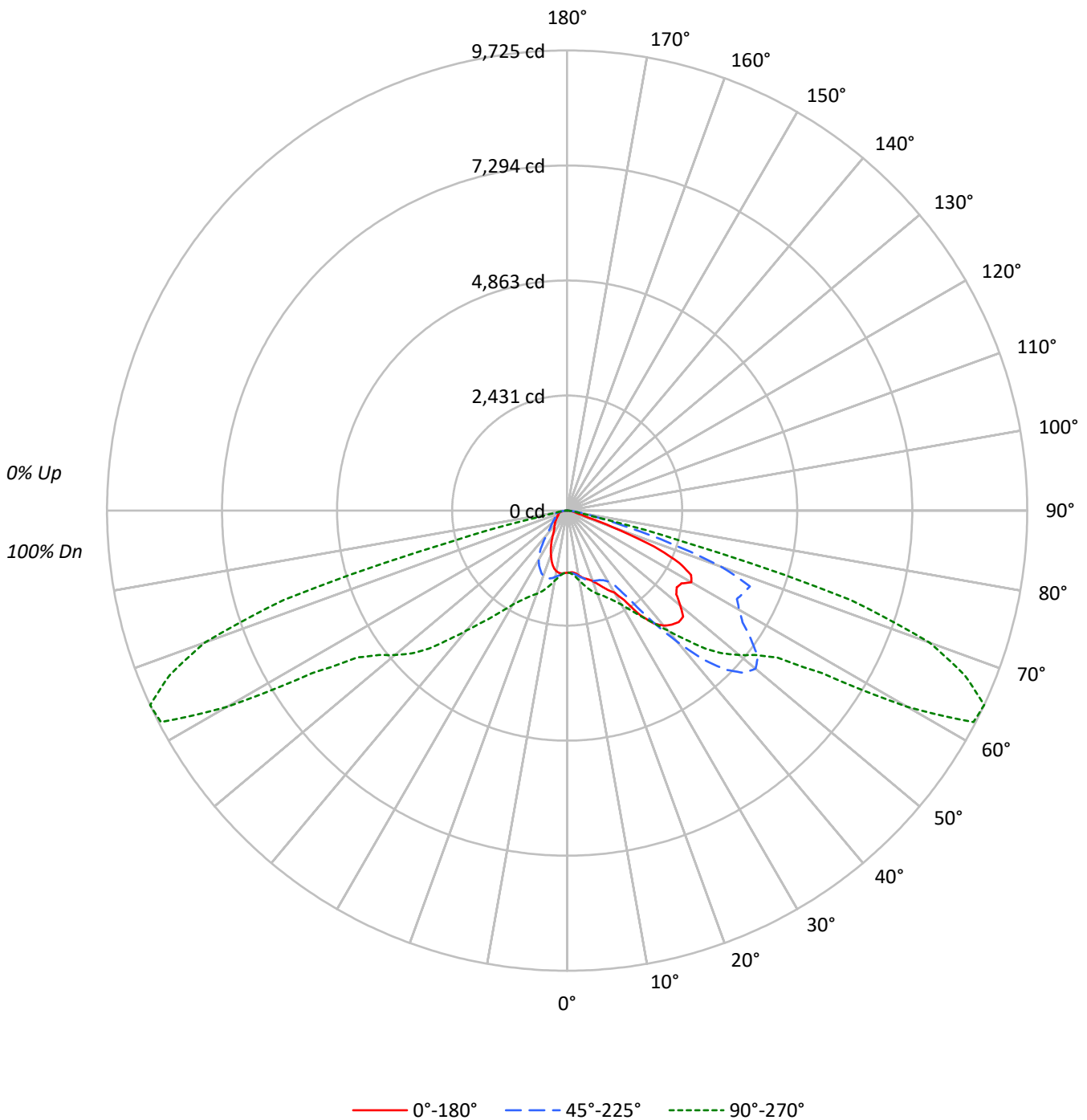
Lumens per Lamp: N/A  
Luminaire Lumens: 12610.3 lumens  
Efficiency: N/A  
Efficacy: 94.6 lumens/watt  
Spacing Criteria (0/90/45): 1.99 / 4.45 / 2.31  
Luminous Opening: Rectangular (W 0.83' x L: 1' x H: 0')  
CIE Type: Direct

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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CATALOG NUMBER: TLM-F05-LED-E1-SL2

### 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	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				
1	106	100	94	90	103	98	93	88	93	89	85	89	86	83	85	83	80	78				
2	93	83	74	67	90	81	73	66	77	70	64	74	68	63	70	66	61	59				
3	82	69	59	51	80	68	58	51	64	56	50	61	54	49	59	53	48	45				
4	74	59	48	40	71	57	47	40	55	46	39	52	45	38	50	43	38	35				
5	66	51	40	32	64	50	39	32	47	38	31	45	37	31	43	36	30	28				
6	60	44	34	26	58	43	33	26	41	32	26	40	32	25	38	31	25	23				
7	55	39	29	22	53	38	29	22	37	28	22	35	27	21	34	27	21	19				
8	51	35	25	19	49	34	25	19	33	24	18	32	24	18	30	23	18	16				
9	47	32	22	16	46	31	22	16	30	22	16	29	21	16	28	21	16	14				
10	44	29	20	14	42	28	20	14	27	19	14	26	19	14	25	19	14	12				

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

	0°	90°	180°
0°	17023	17023	17023
5°	17034	17660	17374
10°	18227	19803	17159
15°	19969	22869	15961
20°	21894	25805	13786
25°	25535	29118	11399
30°	29957	34304	9004
35°	42716	43260	7515
40°	53735	55972	6988
45°	61141	75676	6637
50°	62986	95824	6273
55°	63896	122194	6098
60°	78618	214975	6067
65°	80303	298415	6377
70°	38501	308899	7250
75°	10618	127196	8824
80°	8940	17775	8730
85°	5937	11056	9419



TEST NUMBER: P150115

CATALOG NUMBER: TLM-F05-LED-E1-SL2

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	130.5	1.0
10°-20°	426.6	3.4
20°-30°	736.9	5.8
30°-40°	1219.8	9.7
40°-50°	2068.8	16.4
50°-60°	2748.7	21.8
60°-70°	3550.6	28.2
70°-80°	1489.2	11.8
80°-90°	239.2	1.9
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°	1294.0	10.3
0°-40°	2513.8	19.9
0°-60°	7331.3	58.1
0°-90°	12610.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	12610.3	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	1313	1313	1313	1313	1313	
5°	1308	1330	1357	1348	1335	127
15°	1487	1505	1703	1485	1189	424
25°	1784	1621	2035	1361	797	833
35°	2698	2251	2732	963	475	1670
45°	3334	4758	4126	494	362	2532
55°	2826	4741	5404	336	270	2618
65°	2617	4111	9725	267	208	2365
75°	212	1182	2538	278	176	341
85°	40	99	74	85	63	53
90°	0	0	0	0	0	



TEST NUMBER: P150115

CATALOG NUMBER: TLM-F05-LED-E1-SL2

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1312.6	1312.6	1312.6	1312.6	1312.6	1312.6	1312.6	1312.6	1312.6	1312.6	1312.6
2.5°	1308.5	1312.6	1309.8	1312.6	1315.3	1316.7	1319.5	1318.1	1318.1	1319.5	1316.7
5°	1308.5	1308.5	1312.6	1319.5	1322.2	1330.5	1340.1	1338.7	1340.1	1338.7	1341.5
7.5°	1336.0	1334.6	1338.7	1347.0	1349.7	1362.1	1378.6	1381.4	1384.1	1384.1	1388.3
10°	1384.1	1382.8	1386.9	1391.0	1395.1	1404.8	1428.2	1437.8	1439.2	1440.5	1446.0
12.5°	1444.7	1443.3	1437.8	1437.8	1436.4	1454.3	1485.9	1503.8	1506.6	1512.1	1516.2
15°	1487.3	1483.2	1474.9	1469.4	1476.3	1505.2	1552.0	1572.6	1575.4	1579.5	1590.5
17.5°	1528.6	1524.5	1506.6	1492.8	1502.5	1549.2	1612.5	1634.5	1640.0	1644.2	1656.6
20°	1586.4	1583.6	1557.5	1524.5	1521.7	1582.3	1659.3	1688.2	1692.3	1697.8	1710.2
22.5°	1674.4	1662.1	1631.8	1569.9	1539.6	1601.5	1692.3	1732.2	1737.7	1743.2	1759.7
25°	1784.5	1779.0	1726.7	1631.8	1568.5	1620.8	1728.1	1777.6	1785.9	1792.8	1814.8
27.5°	1898.7	1890.5	1834.0	1710.2	1619.4	1659.3	1784.5	1840.9	1851.9	1862.9	1883.6
30°	2000.5	1997.8	1951.0	1816.2	1702.0	1732.2	1875.3	1944.1	1956.5	1970.3	1989.5
32.5°	2239.9	2241.3	2193.1	2055.6	1901.5	1864.3	2006.0	2109.2	2114.7	2131.2	2165.6
35°	2698.1	2703.6	2685.7	2577.0	2403.7	2250.9	2264.7	2366.5	2372.0	2385.8	2418.8
37.5°	3004.9	3015.9	3071.0	3105.3	3017.3	2947.1	2772.4	2732.5	2736.6	2728.4	2721.5
40°	3174.1	3190.7	3335.1	3514.0	3610.3	3611.7	3536.0	3359.9	3292.5	3273.2	3190.7
42.5°	3270.5	3298.0	3503.0	3808.4	4085.0	4274.8	4321.6	4126.2	4076.7	3988.7	3830.4
45°	3333.7	3366.8	3608.9	4027.2	4434.4	4757.8	5001.3	4914.6	4881.6	4827.9	4682.1
47.5°	3322.7	3348.9	3600.7	4101.5	4617.4	5077.0	5509.0	5598.4	5558.5	5544.8	5445.7
50°	3121.9	3145.2	3401.2	3917.1	4517.0	5198.1	5831.0	6084.1	6084.1	6110.3	6080.0
52.5°	2907.2	2926.5	3159.0	3622.7	4192.3	5079.7	6009.8	6429.5	6484.5	6529.9	6601.4
55°	2826.0	2849.4	3025.5	3421.8	3915.7	4741.3	6070.4	6688.1	6789.9	6867.0	7029.3
57.5°	2864.6	2888.0	3013.2	3313.1	3753.4	4395.9	6073.1	7036.2	7233.0	7391.2	7720.0
60°	3031.1	3053.1	3157.6	3413.5	3710.7	4196.4	5956.2	7590.7	7904.4	8201.6	8749.2
62.5°	2954.0	2981.5	3134.2	3580.0	4028.6	4045.1	5533.8	8020.0	8524.9	8963.8	9834.8
65°	2616.9	2645.8	2765.5	3182.4	4047.8	4111.1	4907.7	8028.2	8655.6	9248.6	10188.4
67.5°	1986.8	1997.8	2092.7	2427.0	3237.4	4184.0	4263.8	7077.5	7674.6	8336.4	9306.4
70°	1015.4	1034.7	1062.2	1340.1	2084.5	3457.6	3664.0	5215.9	5976.8	6660.6	7826.0
72.5°	352.2	359.1	386.6	511.8	1015.4	2268.8	3207.2	3574.5	4034.1	4673.8	6023.6
75°	211.9	211.9	221.5	258.7	463.7	1181.9	2853.6	2919.6	2981.5	3196.2	4079.5
77.5°	167.9	170.6	170.6	177.5	257.3	606.8	2167.0	2714.6	2722.9	2743.5	2892.1
80°	119.7	125.2	136.2	141.7	166.5	333.0	1216.3	2383.0	2545.4	2623.8	2732.5
82.5°	89.4	94.9	115.6	122.5	129.3	185.7	546.2	1644.2	1940.0	2096.8	2479.3
85°	39.9	46.8	78.4	86.7	90.8	99.1	255.9	467.8	538.0	604.0	796.6
87.5°	6.9	6.9	12.4	17.9	26.1	24.8	56.4	79.8	81.2	94.9	105.9
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: P150115

CATALOG NUMBER: TLM-F05-LED-E1-SL2

**CANDELA DISTRIBUTION (continued):**

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1312.6	1312.6	1312.6	1312.6	1312.6	1312.6	1312.6	1312.6	1312.6	1312.6	1312.6
2.5°	1316.7	1316.7	1316.7	1315.3	1316.7	1316.7	1316.7	1316.7	1318.1	1318.1	1318.1
5°	1345.6	1342.9	1344.2	1344.2	1344.2	1342.9	1345.6	1344.2	1345.6	1349.7	1348.4
7.5°	1388.3	1391.0	1392.4	1393.8	1393.8	1393.8	1395.1	1397.9	1397.9	1402.0	1400.6
10°	1451.5	1450.2	1451.5	1455.7	1459.8	1461.2	1465.3	1463.9	1466.7	1472.2	1477.7
12.5°	1519.0	1521.7	1525.8	1530.0	1536.9	1538.2	1542.4	1543.7	1552.0	1552.0	1557.5
15°	1594.6	1596.0	1604.3	1605.6	1613.9	1616.7	1623.5	1626.3	1635.9	1637.3	1642.8
17.5°	1663.4	1666.2	1670.3	1674.4	1684.1	1688.2	1693.7	1699.2	1707.5	1710.2	1719.8
20°	1718.5	1724.0	1725.3	1733.6	1741.9	1747.4	1752.9	1758.4	1766.6	1770.8	1780.4
22.5°	1768.0	1773.5	1777.6	1784.5	1790.0	1798.3	1801.0	1810.7	1818.9	1825.8	1834.0
25°	1821.7	1829.9	1834.0	1846.4	1850.6	1858.8	1865.7	1875.3	1886.3	1894.6	1905.6
27.5°	1897.3	1909.7	1915.2	1929.0	1938.6	1942.7	1953.7	1967.5	1977.1	1986.8	1997.8
30°	2001.9	2025.3	2029.4	2039.0	2056.9	2059.7	2073.4	2084.5	2099.6	2109.2	2118.8
32.5°	2164.3	2193.1	2195.9	2206.9	2222.0	2227.5	2238.5	2250.9	2274.3	2278.4	2293.6
35°	2413.3	2425.7	2436.7	2440.8	2453.2	2460.1	2468.3	2482.1	2505.5	2502.7	2519.2
37.5°	2711.8	2716.0	2717.4	2703.6	2706.3	2694.0	2709.1	2711.8	2720.1	2727.0	2743.5
40°	3138.4	3095.7	3090.2	3057.2	3024.2	3006.3	2999.4	2971.9	2978.8	2981.5	2995.3
42.5°	3761.6	3679.1	3610.3	3563.5	3482.3	3442.4	3388.8	3346.1	3313.1	3325.5	3331.0
45°	4551.4	4433.1	4323.0	4179.9	4074.0	3998.3	3903.4	3818.1	3779.5	3761.6	3783.7
47.5°	5339.8	5235.2	5105.9	4958.7	4790.8	4665.6	4507.4	4368.4	4272.1	4236.3	4255.6
50°	6020.8	5924.5	5826.8	5740.1	5544.8	5408.6	5192.6	5012.3	4861.0	4783.9	4763.3
52.5°	6586.3	6535.4	6483.1	6410.2	6253.4	6117.1	5945.2	5767.7	5566.8	5409.9	5356.3
55°	7091.3	7121.5	7095.4	7096.8	7034.8	6948.2	6802.3	6670.2	6529.9	6352.4	6278.1
57.5°	7827.4	8006.2	8042.0	8131.4	8175.4	8222.2	8263.5	8185.1	8149.3	8017.2	8018.6
60°	8987.2	9248.6	9475.7	9682.0	9851.3	10016.4	10189.7	10266.8	10352.1	10392.0	10528.2
62.5°	10221.4	10470.4	10808.9	11085.4	11240.9	11455.5	11644.0	11766.5	11916.5	12076.1	12283.8
65°	10526.8	10826.8	11040.0	11224.4	11378.5	11492.7	11595.9	11741.7	11866.9	12120.1	12365.0
67.5°	9743.9	9983.3	10178.7	10360.3	10480.0	10576.4	10668.5	10764.8	10979.5	11209.3	11455.5
70°	8363.9	8652.9	8976.2	9211.5	9270.6	9353.2	9441.3	9566.5	9673.8	9914.6	10101.7
72.5°	6719.8	7135.3	7409.1	7735.2	7805.3	7930.5	7980.1	8077.8	8097.0	8227.7	8277.3
75°	4683.5	5159.5	5434.7	5674.1	5720.9	5652.1	5679.6	5334.3	5246.2	5174.7	5116.9
77.5°	3091.6	3219.5	3263.6	3225.1	3040.7	2896.2	2742.1	2590.8	2607.3	2484.8	2270.2
80°	2749.0	2777.9	2738.0	2699.5	2593.5	2442.2	2303.2	2161.5	2091.3	2017.0	1907.0
82.5°	2674.7	2786.1	2798.5	2751.7	2667.8	2502.7	2334.9	2124.4	1945.5	1780.4	1612.5
85°	894.3	1088.3	1175.0	1256.2	1280.9	1309.8	1210.8	1075.9	913.6	804.9	630.2
87.5°	114.2	141.7	163.7	140.3	163.7	192.6	139.0	155.5	156.8	97.7	72.9
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: P150115

CATALOG NUMBER: TLM-F05-LED-E1-SL2

**CANDELA DISTRIBUTION (continued):**

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1312.6	1312.6	1312.6	1312.6	1312.6	1312.6	1312.6	1312.6	1312.6	1312.6	1312.6
2.5°	1319.5	1318.1	1318.1	1318.1	1316.7	1318.1	1318.1	1318.1	1318.1	1318.1	1316.7
5°	1349.7	1349.7	1353.9	1355.2	1352.5	1351.1	1352.5	1353.9	1353.9	1352.5	1353.9
7.5°	1406.1	1407.5	1410.3	1414.4	1411.6	1413.0	1414.4	1413.0	1417.2	1418.5	1417.2
10°	1477.7	1480.4	1487.3	1488.7	1487.3	1492.8	1494.2	1491.4	1494.2	1494.2	1499.7
12.5°	1560.2	1563.0	1571.2	1574.0	1576.8	1578.1	1582.3	1583.6	1587.8	1590.5	1594.6
15°	1649.7	1652.4	1657.9	1667.6	1670.3	1673.1	1675.8	1684.1	1685.4	1691.0	1695.1
17.5°	1725.3	1729.5	1737.7	1744.6	1748.7	1755.6	1758.4	1768.0	1770.8	1779.0	1785.9
20°	1785.9	1792.8	1799.6	1807.9	1814.8	1823.0	1825.8	1835.4	1840.9	1845.0	1853.3
22.5°	1840.9	1849.2	1858.8	1868.4	1873.9	1884.9	1889.1	1893.2	1905.6	1911.1	1919.3
25°	1912.5	1920.7	1931.7	1944.1	1949.6	1963.4	1967.5	1974.4	1988.1	1993.6	2006.0
27.5°	2010.2	2021.2	2029.4	2041.8	2048.7	2058.3	2067.9	2076.2	2088.6	2096.8	2110.6
30°	2132.6	2140.9	2154.6	2164.3	2175.3	2189.0	2200.0	2208.3	2215.2	2227.5	2242.7
32.5°	2312.8	2314.2	2318.3	2341.7	2352.7	2363.8	2378.9	2385.8	2396.8	2409.2	2425.7
35°	2537.1	2549.5	2559.1	2570.1	2582.5	2594.9	2600.4	2621.0	2630.7	2647.2	2663.7
37.5°	2760.0	2761.4	2783.4	2790.3	2801.3	2813.7	2832.9	2853.6	2878.3	2894.8	2921.0
40°	2999.4	3010.4	3037.9	3051.7	3065.4	3095.7	3110.9	3143.9	3185.2	3208.5	3252.6
42.5°	3346.1	3362.6	3412.2	3434.2	3467.2	3516.7	3548.4	3593.8	3610.3	3666.7	3687.3
45°	3800.2	3851.1	3922.6	3969.4	4028.6	4082.2	4109.7	4130.4	4155.1	4199.2	4193.7
47.5°	4291.4	4357.4	4437.2	4533.5	4572.0	4635.3	4671.1	4711.0	4689.0	4678.0	4667.0
50°	4794.9	4872.0	4977.9	5064.6	5123.8	5162.3	5192.6	5187.0	5140.3	5115.5	5046.7
52.5°	5354.9	5400.3	5500.7	5575.0	5610.8	5619.1	5612.2	5570.9	5526.9	5448.5	5367.3
55°	6213.5	6192.8	6232.7	6267.1	6256.1	6294.6	6195.6	6157.0	6048.3	5946.5	5837.8
57.5°	7958.1	7985.6	7762.7	7662.2	7644.4	7680.1	7505.4	7483.4	7220.6	7187.6	7004.6
60°	10508.9	10643.8	10469.0	10371.3	10107.2	10020.5	9825.1	9743.9	9492.2	9288.5	9031.2
62.5°	12426.9	12549.4	12622.3	12483.3	12329.2	12102.2	11806.4	11478.9	11212.0	10899.7	10627.3
65°	12600.3	12847.9	13015.8	13080.4	12971.7	12722.7	12358.1	11945.3	11536.7	11144.6	10800.6
67.5°	11789.9	12011.4	12271.4	12504.0	12517.7	12355.4	12044.4	11624.8	11152.8	10668.5	10265.4
70°	10397.5	10675.4	10902.4	11147.3	11317.9	11224.4	11068.9	10683.7	10193.9	9816.9	9353.2
72.5°	8456.1	8573.1	8628.1	8868.9	8871.6	8701.0	8591.0	8377.7	7982.8	7715.9	7362.3
75°	4938.0	4680.7	4406.9	4168.9	3974.9	3893.7	3533.2	3472.7	3230.6	3080.6	2860.4
77.5°	2036.3	1806.5	1510.7	1264.4	1020.9	910.8	751.2	681.1	590.3	550.3	524.2
80°	1746.0	1528.6	1305.7	1092.4	902.6	712.7	554.5	430.6	338.5	287.6	266.9
82.5°	1425.4	1294.7	1139.2	1023.7	875.1	733.3	619.1	480.2	359.1	264.2	202.3
85°	514.6	422.4	339.8	312.3	249.0	205.0	172.0	147.2	121.1	96.3	85.3
87.5°	57.8	55.0	31.6	30.3	34.4	24.8	28.9	26.1	22.0	19.3	20.6
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: P150115

CATALOG NUMBER: TLM-F05-LED-E1-SL2

**CANDELA DISTRIBUTION (continued):**

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1312.6	1312.6	1312.6	1312.6	1312.6	1312.6	1312.6	1312.6	1312.6	1312.6	1312.6
2.5°	1316.7	1316.7	1318.1	1318.1	1319.5	1320.8	1323.6	1322.2	1322.2	1323.6	1323.6
5°	1353.9	1358.0	1356.6	1356.6	1356.6	1358.0	1359.4	1353.9	1348.4	1342.9	1340.1
7.5°	1418.5	1421.3	1424.0	1421.3	1424.0	1422.7	1419.9	1404.8	1386.9	1364.9	1349.7
10°	1502.5	1502.5	1505.2	1503.8	1509.3	1505.2	1497.0	1462.6	1424.0	1377.3	1342.9
12.5°	1593.3	1602.9	1598.8	1600.1	1611.1	1600.1	1580.9	1530.0	1461.2	1385.5	1325.0
15°	1700.6	1704.7	1707.5	1703.3	1710.2	1700.6	1666.2	1585.0	1484.6	1378.6	1289.2
17.5°	1788.6	1790.0	1791.4	1794.1	1803.8	1792.8	1733.6	1623.5	1490.1	1347.0	1228.7
20°	1857.4	1864.3	1869.8	1869.8	1883.6	1867.1	1788.6	1642.8	1472.2	1294.7	1151.6
22.5°	1929.0	1934.5	1941.4	1942.7	1960.6	1944.1	1834.0	1638.7	1425.4	1220.4	1062.2
25°	2017.0	2022.5	2028.0	2034.9	2059.7	2036.3	1879.4	1622.2	1360.7	1132.3	965.9
27.5°	2118.8	2131.2	2135.4	2146.4	2175.3	2139.5	1918.0	1597.4	1289.2	1030.5	864.0
30°	2255.1	2270.2	2275.7	2290.8	2330.7	2252.3	1940.0	1554.7	1198.4	927.3	755.4
32.5°	2438.1	2458.7	2475.2	2491.7	2537.1	2365.1	1942.7	1492.8	1092.4	811.8	650.8
35°	2677.5	2709.1	2721.5	2732.5	2775.1	2487.6	1930.4	1400.6	963.1	693.4	568.2
37.5°	2945.7	2977.4	2985.6	2991.2	2999.4	2592.1	1900.1	1260.3	817.3	590.3	502.2
40°	3276.0	3303.5	3314.5	3306.2	3262.2	2673.3	1832.7	1096.6	675.6	520.1	460.9
42.5°	3679.1	3720.4	3724.5	3687.3	3541.5	2718.7	1697.8	903.9	564.1	469.2	429.3
45°	4178.5	4175.8	4152.4	4126.2	3845.6	2700.8	1509.3	736.1	493.9	429.3	400.4
47.5°	4627.1	4580.3	4544.5	4467.5	4113.9	2596.3	1265.8	609.5	451.3	399.0	375.6
50°	4994.4	4909.1	4833.4	4749.5	4313.4	2410.5	1023.7	517.3	411.4	372.9	352.2
52.5°	5284.7	5181.5	5093.5	5010.9	4506.0	2204.2	839.3	449.9	372.9	346.7	326.1
55°	5738.8	5635.6	5495.2	5404.4	4800.4	2014.3	719.6	396.3	335.7	319.2	298.6
57.5°	6887.6	6796.8	6629.0	6393.7	5557.2	1942.7	652.2	355.0	305.4	295.8	279.3
60°	8893.7	8746.4	8527.7	8288.3	7095.4	1990.9	598.5	326.1	284.8	276.6	264.2
62.5°	10407.1	10148.5	9900.8	9679.3	8325.4	1989.5	528.3	304.1	269.7	265.5	253.2
65°	10469.0	10206.2	9957.2	9724.7	8352.9	1770.8	445.8	284.8	266.9	265.5	244.9
67.5°	9913.2	9628.4	9387.6	9094.5	7732.4	1384.1	357.7	272.4	277.9	275.2	242.2
70°	9005.1	8633.6	8435.5	8146.6	6805.1	968.6	294.4	276.6	301.3	293.1	246.3
72.5°	7067.9	6787.2	6485.9	6285.0	5327.4	612.3	247.7	279.3	310.9	297.2	257.3
75°	2630.7	2706.3	2582.5	2538.5	2706.3	359.1	220.1	260.0	277.9	257.3	233.9
77.5°	531.1	507.7	481.6	476.1	615.0	221.5	202.3	225.6	213.3	188.5	189.9
80°	254.5	247.7	239.4	238.0	228.4	184.4	187.1	192.6	161.0	145.8	155.5
82.5°	169.2	159.6	156.8	151.3	154.1	165.1	177.5	165.1	123.8	115.6	140.3
85°	78.4	75.7	74.3	74.3	82.6	148.6	147.2	121.1	85.3	82.6	140.3
87.5°	19.3	19.3	20.6	19.3	22.0	44.0	38.5	37.1	31.6	35.8	66.0
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: P150115

CATALOG NUMBER: TLM-F05-LED-E1-SL2

**CANDELA DISTRIBUTION (continued):**

	165°	175°	180°
0°	1312.6	1312.6	1312.6
2.5°	1322.2	1323.6	1322.2
5°	1334.6	1334.6	1334.6
7.5°	1334.6	1330.5	1329.1
10°	1315.3	1303.0	1303.0
12.5°	1282.3	1261.7	1258.9
15°	1220.4	1192.9	1188.8
17.5°	1142.0	1104.8	1097.9
20°	1053.9	1007.1	998.9
22.5°	957.6	903.9	899.8
25°	862.7	807.6	796.6
27.5°	756.7	703.1	697.6
30°	650.8	604.0	601.3
32.5°	561.4	532.5	527.0
35°	498.1	481.6	474.7
37.5°	456.8	444.4	443.0
40°	425.1	414.1	412.8
42.5°	399.0	389.4	388.0
45°	372.9	364.6	361.9
47.5°	346.7	338.5	337.1
50°	323.3	312.3	310.9
52.5°	301.3	290.3	287.6
55°	280.7	269.7	269.7
57.5°	262.8	251.8	250.4
60°	246.3	235.3	233.9
62.5°	233.9	220.1	218.8
65°	224.3	210.5	207.8
67.5°	218.8	202.3	198.1
70°	228.4	198.1	191.2
72.5°	229.8	194.0	184.4
75°	221.5	183.0	176.1
77.5°	194.0	163.7	156.8
80°	167.9	126.6	116.9
82.5°	159.6	103.2	89.4
85°	123.8	67.4	63.3
87.5°	70.2	37.1	30.3
90°	0.0	0.0	0.0

(END OF REPORT)