

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: P150111

Luminaire Tested: **TLM-E05-LED-E1-SL2-7050**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-41-14  
Report Number: P150111  
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-E05-LED-E1-SL2-7050  
Description: TALON MEDIUM LED SITE LUMINAIRE  
(5) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL  
Light Source: (105) 5000K CCT, 70 CRI LEDs  
Ballast/Driver: -

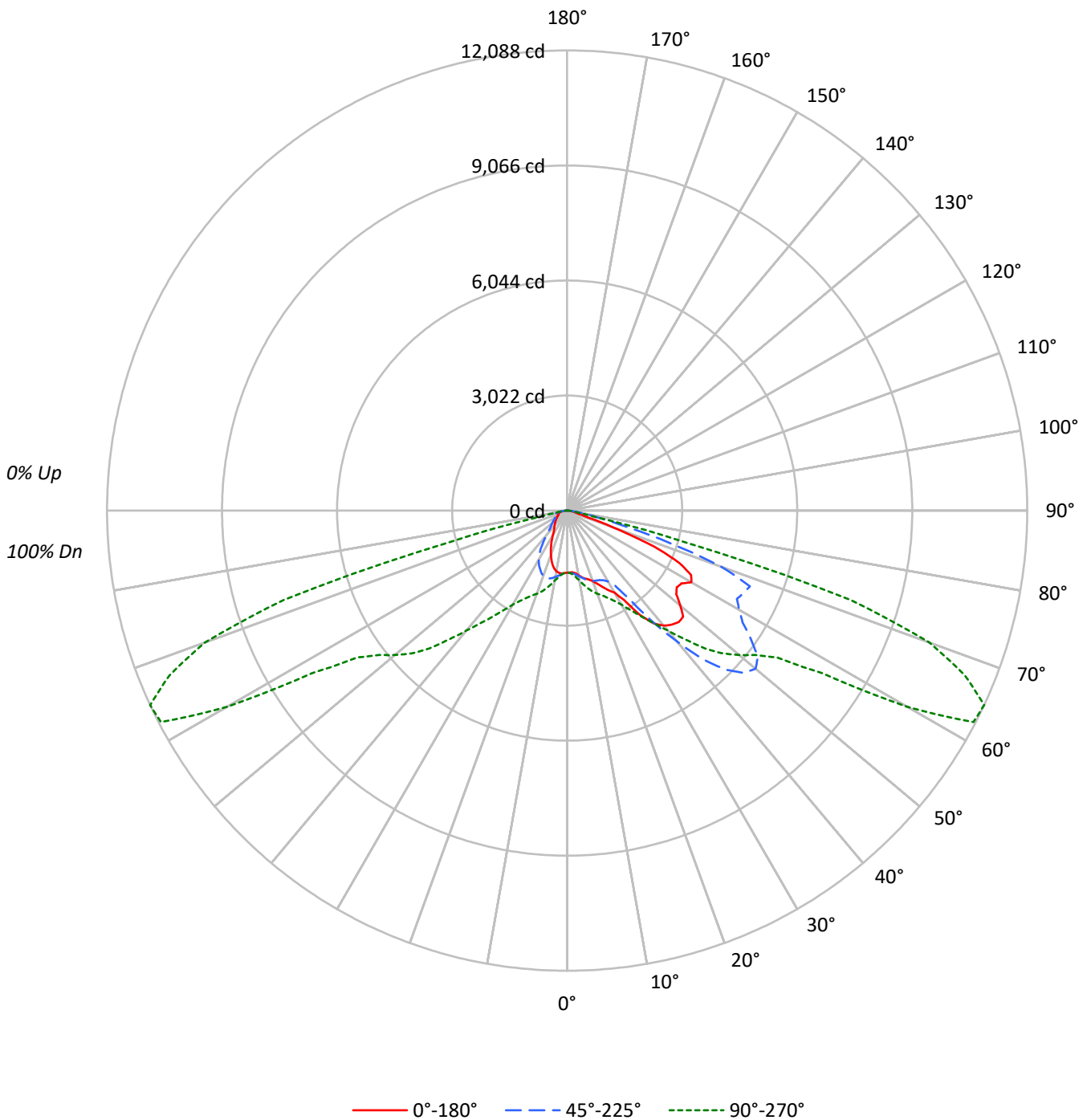
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 15674.3 lumens  
Efficiency: N/A  
Efficacy: 123.1 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): 127.3  
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-E05-LED-E1-SL2-7050

### 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	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°	21158	21158	21158
5°	21173	21951	21596
10°	22655	24615	21327
15°	24821	28426	19838
20°	27213	32075	17135
25°	31739	36192	14169
30°	37236	42639	11191
35°	53095	53771	9341
40°	66793	69573	8686
45°	75999	94064	8249
50°	78289	119106	7798
55°	79422	151885	7579
60°	97718	267207	7540
65°	99816	370920	7923
70°	47856	383953	9013
75°	13198	158102	10968
80°	11113	22099	10859
85°	7380	13734	11710



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	162.2	1.0
10°-20°	530.3	3.4
20°-30°	916.0	5.8
30°-40°	1516.2	9.7
40°-50°	2571.4	16.4
50°-60°	3416.6	21.8
60°-70°	4413.4	28.2
70°-80°	1851.0	11.8
80°-90°	297.3	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°	1608.4	10.3
0°-40°	3124.6	19.9
0°-60°	9112.6	58.1
0°-90°	15674.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	15674.3	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	1632	1632	1632	1632	1632	
5°	1626	1654	1686	1676	1659	158
15°	1849	1871	2117	1845	1478	527
25°	2218	2015	2529	1691	990	1036
35°	3354	2798	3396	1197	590	2076
45°	4144	5914	5129	614	450	3147
55°	3513	5893	6718	417	335	3254
65°	3253	5110	12088	332	258	2940
75°	263	1469	3155	346	219	424
85°	50	123	92	106	79	66
90°	0	0	0	0	0	



TEST NUMBER: P150111

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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1631.5	1631.5	1631.5	1631.5	1631.5	1631.5	1631.5	1631.5	1631.5	1631.5	1631.5
2.5°	1626.4	1631.5	1628.1	1631.5	1634.9	1636.6	1640.1	1638.3	1638.3	1640.1	1636.6
5°	1626.4	1626.4	1631.5	1640.1	1643.5	1653.7	1665.7	1664.0	1665.7	1664.0	1667.4
7.5°	1660.6	1658.9	1664.0	1674.3	1677.7	1693.1	1713.6	1717.0	1720.4	1720.4	1725.6
10°	1720.4	1718.7	1723.9	1729.0	1734.1	1746.1	1775.2	1787.1	1788.8	1790.6	1797.4
12.5°	1795.7	1794.0	1787.1	1787.1	1785.4	1807.7	1847.0	1869.2	1872.6	1879.5	1884.6
15°	1848.7	1843.6	1833.3	1826.5	1835.0	1870.9	1929.1	1954.7	1958.2	1963.3	1977.0
17.5°	1900.0	1894.9	1872.6	1855.5	1867.5	1925.7	2004.3	2031.7	2038.5	2043.7	2059.1
20°	1971.8	1968.4	1935.9	1894.9	1891.5	1966.7	2062.5	2098.4	2103.5	2110.4	2125.7
22.5°	2081.3	2065.9	2028.3	1951.3	1913.7	1990.6	2103.5	2153.1	2160.0	2166.8	2187.3
25°	2218.1	2211.3	2146.3	2028.3	1949.6	2014.6	2148.0	2209.5	2219.8	2228.4	2255.7
27.5°	2360.0	2349.8	2279.7	2125.7	2012.9	2062.5	2218.1	2288.2	2301.9	2315.6	2341.2
30°	2486.6	2483.2	2425.0	2257.4	2115.5	2153.1	2331.0	2416.5	2431.9	2449.0	2472.9
32.5°	2784.2	2785.9	2726.0	2555.0	2363.5	2317.3	2493.4	2621.7	2628.5	2649.1	2691.8
35°	3353.7	3360.5	3338.3	3203.2	2987.7	2797.8	2814.9	2941.5	2948.3	2965.4	3006.5
37.5°	3735.0	3748.7	3817.1	3859.9	3750.4	3663.2	3446.0	3396.4	3401.5	3391.3	3382.7
40°	3945.4	3965.9	4145.5	4367.8	4487.5	4489.2	4395.2	4176.2	4092.5	4068.5	3965.9
42.5°	4065.1	4099.3	4354.1	4733.8	5077.5	5313.5	5371.7	5128.8	5067.3	4957.8	4761.1
45°	4143.8	4184.8	4485.8	5005.7	5511.9	5913.8	6216.5	6108.7	6067.7	6001.0	5819.7
47.5°	4130.1	4162.6	4475.5	5098.0	5739.3	6310.5	6847.5	6958.7	6909.1	6892.0	6768.9
50°	3880.4	3909.5	4227.6	4868.9	5614.5	6461.0	7247.7	7562.4	7562.4	7594.9	7557.3
52.5°	3613.6	3637.5	3926.6	4502.9	5210.9	6314.0	7470.0	7991.7	8060.1	8116.5	8205.4
55°	3512.7	3541.8	3760.7	4253.2	4867.2	5893.3	7545.3	8313.2	8439.7	8535.5	8737.3
57.5°	3560.6	3589.7	3745.3	4118.1	4665.4	5464.0	7548.7	8745.8	8990.4	9187.1	9595.8
60°	3767.5	3794.9	3924.9	4242.9	4612.3	5216.0	7403.4	9435.0	9825.0	10194.4	10875.0
62.5°	3671.7	3706.0	3895.8	4449.9	5007.4	5027.9	6878.3	9968.6	10596.2	11141.8	12224.3
65°	3252.8	3288.7	3437.5	3955.6	5031.3	5110.0	6100.2	9978.9	10758.7	11495.8	12663.9
67.5°	2469.5	2483.2	2601.2	3016.8	4024.0	5200.6	5299.8	8797.1	9539.4	10362.0	11567.6
70°	1262.1	1286.1	1320.3	1665.7	2590.9	4297.7	4554.2	6483.3	7429.0	8279.0	9727.5
72.5°	437.8	446.4	480.6	636.2	1262.1	2820.1	3986.4	4443.0	5014.2	5809.5	7487.1
75°	263.4	263.4	275.3	321.5	576.3	1469.0	3546.9	3629.0	3706.0	3972.7	5070.7
77.5°	208.6	212.1	212.1	220.6	319.8	754.2	2693.5	3374.2	3384.4	3410.1	3594.8
80°	148.8	155.6	169.3	176.1	206.9	413.9	1511.8	2962.0	3163.8	3261.3	3396.4
82.5°	111.2	118.0	143.7	152.2	160.8	230.9	678.9	2043.7	2411.3	2606.3	3081.7
85°	49.6	58.1	97.5	107.7	112.9	123.1	318.1	581.5	668.7	750.8	990.2
87.5°	8.6	8.6	15.4	22.2	32.5	30.8	70.1	99.2	100.9	118.0	131.7
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):**

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1631.5	1631.5	1631.5	1631.5	1631.5	1631.5	1631.5	1631.5	1631.5	1631.5	1631.5
2.5°	1636.6	1636.6	1636.6	1634.9	1636.6	1636.6	1636.6	1636.6	1638.3	1638.3	1638.3
5°	1672.6	1669.1	1670.8	1670.8	1670.8	1669.1	1672.6	1670.8	1672.6	1677.7	1676.0
7.5°	1725.6	1729.0	1730.7	1732.4	1732.4	1732.4	1734.1	1737.5	1737.5	1742.7	1741.0
10°	1804.2	1802.5	1804.2	1809.4	1814.5	1816.2	1821.3	1819.6	1823.0	1829.9	1836.7
12.5°	1888.0	1891.5	1896.6	1901.7	1910.3	1912.0	1917.1	1918.8	1929.1	1929.1	1935.9
15°	1982.1	1983.8	1994.1	1995.8	2006.0	2009.5	2018.0	2021.4	2033.4	2035.1	2041.9
17.5°	2067.6	2071.0	2076.2	2081.3	2093.3	2098.4	2105.2	2112.1	2122.3	2125.7	2137.7
20°	2136.0	2142.9	2144.6	2154.8	2165.1	2171.9	2178.8	2185.6	2195.9	2201.0	2213.0
22.5°	2197.6	2204.4	2209.5	2218.1	2224.9	2235.2	2238.6	2250.6	2260.9	2269.4	2279.7
25°	2264.3	2274.5	2279.7	2295.1	2300.2	2310.4	2319.0	2331.0	2344.7	2354.9	2368.6
27.5°	2358.3	2373.7	2380.6	2397.7	2409.6	2414.8	2428.4	2445.6	2457.5	2469.5	2483.2
30°	2488.3	2517.4	2522.5	2534.5	2556.7	2560.1	2577.2	2590.9	2609.7	2621.7	2633.7
32.5°	2690.1	2726.0	2729.4	2743.1	2761.9	2768.8	2782.5	2797.8	2826.9	2832.1	2850.9
35°	2999.6	3015.0	3028.7	3033.9	3049.2	3057.8	3068.1	3085.2	3114.2	3110.8	3131.3
37.5°	3370.8	3375.9	3377.6	3360.5	3363.9	3348.5	3367.3	3370.8	3381.0	3389.6	3410.1
40°	3900.9	3847.9	3841.1	3800.0	3759.0	3736.7	3728.2	3694.0	3702.5	3706.0	3723.1
42.5°	4675.6	4573.0	4487.5	4429.4	4328.5	4278.9	4212.2	4159.1	4118.1	4133.5	4140.3
45°	5657.3	5510.2	5373.4	5195.5	5063.8	4969.8	4851.8	4745.7	4697.9	4675.6	4703.0
47.5°	6637.2	6507.2	6346.5	6163.5	5954.8	5799.2	5602.5	5429.8	5310.1	5265.6	5289.6
50°	7483.7	7364.0	7242.6	7134.9	6892.0	6722.7	6454.2	6230.2	6042.1	5946.3	5920.6
52.5°	8186.6	8123.3	8058.3	7967.7	7772.7	7603.4	7389.7	7169.1	6919.4	6724.4	6657.7
55°	8814.2	8851.9	8819.4	8821.1	8744.1	8636.4	8455.1	8290.9	8116.5	7895.9	7803.5
57.5°	9729.2	9951.5	9996.0	10107.1	10161.9	10220.0	10271.3	10173.8	10129.4	9965.2	9966.9
60°	11170.9	11495.8	11778.0	12034.5	12244.9	12450.1	12665.6	12761.3	12867.4	12917.0	13086.3
62.5°	12704.9	13014.4	13435.1	13778.9	13972.1	14238.9	14473.2	14625.4	14811.8	15010.2	15268.4
65°	13084.6	13457.4	13722.5	13951.6	14143.2	14285.1	14413.4	14594.6	14750.3	15064.9	15369.3
67.5°	12111.5	12409.0	12651.9	12877.6	13026.4	13146.1	13260.7	13380.4	13647.2	13932.8	14238.9
70°	10396.2	10755.3	11157.2	11449.6	11523.2	11625.8	11735.2	11890.9	12024.2	12323.5	12556.1
72.5°	8352.5	8869.0	9209.3	9614.6	9701.8	9857.5	9919.0	10040.4	10064.4	10226.9	10288.4
75°	5821.4	6413.2	6755.2	7052.8	7110.9	7025.4	7059.6	6630.4	6520.9	6432.0	6360.1
77.5°	3842.8	4001.8	4056.5	4008.7	3779.5	3599.9	3408.4	3220.3	3240.8	3088.6	2821.8
80°	3416.9	3452.8	3403.2	3355.4	3223.7	3035.6	2862.8	2686.7	2599.5	2507.1	2370.3
82.5°	3324.6	3463.1	3478.5	3420.4	3316.0	3110.8	2902.2	2640.5	2418.2	2213.0	2004.3
85°	1111.6	1352.7	1460.5	1561.4	1592.2	1628.1	1505.0	1337.4	1135.6	1000.5	783.3
87.5°	141.9	176.1	203.5	174.4	203.5	239.4	172.7	193.2	195.0	121.4	90.6
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°	1631.5	1631.5	1631.5	1631.5	1631.5	1631.5	1631.5	1631.5	1631.5	1631.5	1631.5
2.5°	1640.1	1638.3	1638.3	1638.3	1636.6	1638.3	1638.3	1638.3	1638.3	1638.3	1636.6
5°	1677.7	1677.7	1682.8	1684.5	1681.1	1679.4	1681.1	1682.8	1682.8	1681.1	1682.8
7.5°	1747.8	1749.5	1752.9	1758.1	1754.6	1756.4	1758.1	1756.4	1761.5	1763.2	1761.5
10°	1836.7	1840.1	1848.7	1850.4	1848.7	1855.5	1857.3	1853.8	1857.3	1857.3	1864.1
12.5°	1939.3	1942.8	1953.0	1956.4	1959.9	1961.6	1966.7	1968.4	1973.5	1977.0	1982.1
15°	2050.5	2053.9	2060.8	2072.7	2076.2	2079.6	2083.0	2093.3	2095.0	2101.8	2106.9
17.5°	2144.6	2149.7	2160.0	2168.5	2173.6	2182.2	2185.6	2197.6	2201.0	2211.3	2219.8
20°	2219.8	2228.4	2236.9	2247.2	2255.7	2266.0	2269.4	2281.4	2288.2	2293.3	2303.6
22.5°	2288.2	2298.5	2310.4	2322.4	2329.3	2342.9	2348.1	2353.2	2368.6	2375.4	2385.7
25°	2377.1	2387.4	2401.1	2416.5	2423.3	2440.4	2445.6	2454.1	2471.2	2478.0	2493.4
27.5°	2498.6	2512.2	2522.5	2537.9	2546.5	2558.4	2570.4	2580.7	2596.0	2606.3	2623.4
30°	2650.8	2661.0	2678.1	2690.1	2703.8	2720.9	2734.6	2744.8	2753.4	2768.8	2787.6
32.5°	2874.8	2876.5	2881.6	2910.7	2924.4	2938.1	2956.9	2965.4	2979.1	2994.5	3015.0
35°	3153.6	3169.0	3180.9	3194.6	3210.0	3225.4	3232.2	3257.9	3269.9	3290.4	3310.9
37.5°	3430.6	3432.3	3459.7	3468.2	3481.9	3497.3	3521.3	3546.9	3577.7	3598.2	3630.7
40°	3728.2	3741.9	3776.1	3793.2	3810.3	3847.9	3866.7	3907.8	3959.1	3988.1	4042.9
42.5°	4159.1	4179.7	4241.2	4268.6	4309.6	4371.2	4410.5	4467.0	4487.5	4557.6	4583.3
45°	4723.5	4786.8	4875.7	4933.9	5007.4	5074.1	5108.3	5133.9	5164.7	5219.5	5212.6
47.5°	5334.0	5416.1	5515.3	5635.0	5682.9	5761.6	5806.0	5855.6	5828.3	5814.6	5800.9
50°	5960.0	6055.7	6187.4	6295.2	6368.7	6416.6	6454.2	6447.4	6389.2	6358.4	6272.9
52.5°	6656.0	6712.4	6837.3	6929.6	6974.1	6984.4	6975.8	6924.5	6869.8	6772.3	6671.4
55°	7723.2	7697.5	7747.1	7789.9	7776.2	7824.1	7700.9	7653.0	7517.9	7391.4	7256.3
57.5°	9891.7	9925.9	9648.8	9524.0	9501.7	9546.2	9329.0	9301.6	8975.0	8934.0	8706.5
60°	13062.3	13229.9	13012.7	12891.3	12563.0	12455.2	12212.4	12111.5	11798.5	11545.4	11225.6
62.5°	15446.3	15598.5	15689.2	15516.4	15324.9	15042.7	14675.0	14268.0	13936.2	13548.0	13209.4
65°	15661.8	15969.6	16178.3	16258.6	16123.5	15814.0	15360.8	14847.7	14339.8	13852.4	13424.9
67.5°	14654.5	14929.8	15253.1	15542.1	15559.2	15357.4	14970.9	14449.3	13862.7	13260.7	12759.6
70°	12923.8	13269.3	13551.4	13855.8	14067.9	13951.6	13758.4	13279.5	12670.7	12202.1	11625.8
72.5°	10510.7	10656.1	10724.5	11023.8	11027.2	10815.2	10678.3	10413.3	9922.4	9590.7	9151.2
75°	6137.8	5818.0	5477.7	5181.8	4940.7	4839.8	4391.7	4316.5	4015.5	3829.1	3555.5
77.5°	2531.1	2245.5	1877.8	1571.7	1269.0	1132.1	933.8	846.5	733.7	684.1	651.6
80°	2170.2	1900.0	1623.0	1357.9	1121.9	885.9	689.2	535.3	420.7	357.4	331.8
82.5°	1771.7	1609.3	1416.0	1272.4	1087.7	911.5	769.6	596.9	446.4	328.4	251.4
85°	639.6	525.0	422.4	388.2	309.5	254.8	213.8	183.0	150.5	119.7	106.0
87.5°	71.8	68.4	39.3	37.6	42.8	30.8	35.9	32.5	27.4	23.9	25.7
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: P150111

CATALOG NUMBER: TLM-E05-LED-E1-SL2-7050

**CANDELA DISTRIBUTION (continued):**

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1631.5	1631.5	1631.5	1631.5	1631.5	1631.5	1631.5	1631.5	1631.5	1631.5	1631.5
2.5°	1636.6	1636.6	1638.3	1638.3	1640.1	1641.8	1645.2	1643.5	1643.5	1645.2	1645.2
5°	1682.8	1687.9	1686.2	1686.2	1686.2	1687.9	1689.7	1682.8	1676.0	1669.1	1665.7
7.5°	1763.2	1766.6	1770.0	1766.6	1770.0	1768.3	1764.9	1746.1	1723.9	1696.5	1677.7
10°	1867.5	1867.5	1870.9	1869.2	1876.1	1870.9	1860.7	1817.9	1770.0	1711.9	1669.1
12.5°	1980.4	1992.4	1987.2	1988.9	2002.6	1988.9	1965.0	1901.7	1816.2	1722.1	1646.9
15°	2113.8	2118.9	2122.3	2117.2	2125.7	2113.8	2071.0	1970.1	1845.3	1713.6	1602.4
17.5°	2223.2	2224.9	2226.6	2230.1	2242.0	2228.4	2154.8	2018.0	1852.1	1674.3	1527.2
20°	2308.7	2317.3	2324.1	2324.1	2341.2	2320.7	2223.2	2041.9	1829.9	1609.3	1431.4
22.5°	2397.7	2404.5	2413.1	2414.8	2437.0	2416.5	2279.7	2036.8	1771.7	1516.9	1320.3
25°	2507.1	2514.0	2520.8	2529.3	2560.1	2531.1	2336.1	2016.3	1691.4	1407.5	1200.5
27.5°	2633.7	2649.1	2654.2	2667.9	2703.8	2659.3	2384.0	1985.5	1602.4	1280.9	1074.0
30°	2803.0	2821.8	2828.6	2847.4	2897.0	2799.6	2411.3	1932.5	1489.6	1152.7	938.9
32.5°	3030.4	3056.1	3076.6	3097.1	3153.6	2939.8	2414.8	1855.5	1357.9	1009.0	808.9
35°	3328.0	3367.3	3382.7	3396.4	3449.4	3092.0	2399.4	1741.0	1197.1	861.9	706.3
37.5°	3661.5	3700.8	3711.1	3717.9	3728.2	3222.0	2361.8	1566.5	1015.8	733.7	624.2
40°	4071.9	4106.1	4119.8	4109.6	4054.8	3322.9	2278.0	1363.0	839.7	646.4	572.9
42.5°	4573.0	4624.3	4629.4	4583.3	4402.0	3379.3	2110.4	1123.6	701.2	583.2	533.6
45°	5193.8	5190.4	5161.3	5128.8	4779.9	3357.1	1876.1	914.9	614.0	533.6	497.7
47.5°	5751.3	5693.2	5648.7	5552.9	5113.4	3227.1	1573.4	757.6	560.9	496.0	466.9
50°	6207.9	6101.9	6007.8	5903.5	5361.4	2996.2	1272.4	643.0	511.3	463.5	437.8
52.5°	6568.8	6440.5	6331.1	6228.5	5600.8	2739.7	1043.2	559.2	463.5	431.0	405.3
55°	7133.1	7004.9	6830.4	6717.6	5966.8	2503.7	894.4	492.5	417.3	396.8	371.1
57.5°	8561.1	8448.3	8239.6	7947.2	6907.4	2414.8	810.6	441.2	379.7	367.7	347.2
60°	11054.6	10871.6	10599.7	10302.1	8819.4	2474.6	743.9	405.3	354.0	343.7	328.4
62.5°	12935.8	12614.3	12306.4	12031.1	10348.3	2472.9	656.7	377.9	335.2	330.1	314.7
65°	13012.7	12686.1	12376.5	12087.5	10382.5	2201.0	554.1	354.0	331.8	330.1	304.4
67.5°	12321.8	11967.8	11668.5	11304.3	9611.2	1720.4	444.6	338.6	345.5	342.0	301.0
70°	11193.1	10731.4	10485.1	10126.0	8458.5	1204.0	366.0	343.7	374.5	364.3	306.1
72.5°	8785.2	8436.3	8061.8	7812.1	6621.8	761.0	307.8	347.2	386.5	369.4	319.8
75°	3269.9	3363.9	3210.0	3155.3	3363.9	446.4	273.6	323.2	345.5	319.8	290.7
77.5°	660.1	631.1	598.6	591.7	764.4	275.3	251.4	280.5	265.1	234.3	236.0
80°	316.4	307.8	297.6	295.9	283.9	229.2	232.6	239.4	200.1	181.3	193.2
82.5°	210.4	198.4	195.0	188.1	191.5	205.2	220.6	205.2	153.9	143.7	174.4
85°	97.5	94.1	92.3	92.3	102.6	184.7	183.0	150.5	106.0	102.6	174.4
87.5°	23.9	23.9	25.7	23.9	27.4	54.7	47.9	46.2	39.3	44.5	82.1
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: P150111

CATALOG NUMBER: TLM-E05-LED-E1-SL2-7050

**CANDELA DISTRIBUTION (continued):**

	165°	175°	180°
0°	1631.5	1631.5	1631.5
2.5°	1643.5	1645.2	1643.5
5°	1658.9	1658.9	1658.9
7.5°	1658.9	1653.7	1652.0
10°	1634.9	1619.5	1619.5
12.5°	1593.9	1568.2	1564.8
15°	1516.9	1482.7	1477.6
17.5°	1419.4	1373.3	1364.7
20°	1310.0	1251.8	1241.6
22.5°	1190.3	1123.6	1118.5
25°	1072.3	1003.9	990.2
27.5°	940.6	873.9	867.1
30°	808.9	750.8	747.3
32.5°	697.8	661.8	655.0
35°	619.1	598.6	590.0
37.5°	567.8	552.4	550.7
40°	528.4	514.8	513.1
42.5°	496.0	484.0	482.3
45°	463.5	453.2	449.8
47.5°	431.0	420.7	419.0
50°	401.9	388.2	386.5
52.5°	374.5	360.8	357.4
55°	348.9	335.2	335.2
57.5°	326.6	313.0	311.3
60°	306.1	292.4	290.7
62.5°	290.7	273.6	271.9
65°	278.8	261.7	258.2
67.5°	271.9	251.4	246.3
70°	283.9	246.3	237.7
72.5°	285.6	241.1	229.2
75°	275.3	227.5	218.9
77.5°	241.1	203.5	195.0
80°	208.6	157.3	145.4
82.5°	198.4	128.3	111.2
85°	153.9	83.8	78.7
87.5°	87.2	46.2	37.6
90°	0.0	0.0	0.0

(END OF REPORT)