

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: P151251

Luminaire Tested: **TLM-E05-LED-E1-SL3-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P151251
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-E05-LED-E1-SL3-7050
Description: TALON MEDIUM LED SITE LUMINAIRE
(5) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (105) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

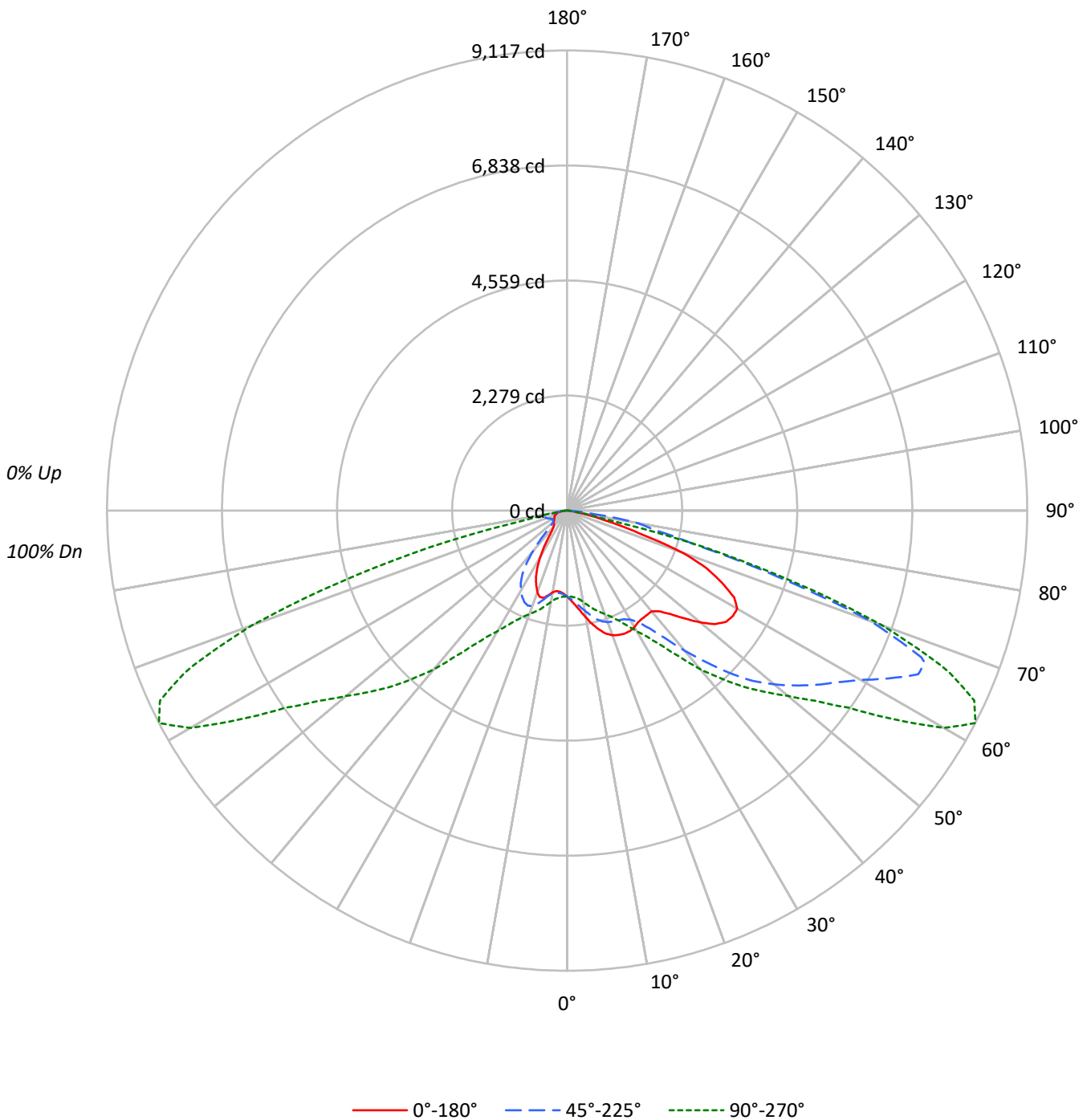
Lumens per Lamp: N/A
Luminaire Lumens: 15577.1 lumens
Efficiency: N/A
Efficacy: 122.4 lumens/watt
Spacing Criteria (0/90/45): 1.44 / 3.92 / 2.51
Luminous Opening: Rectangular (W 0.83' x L: 1' x H: 0')
CIE Type: Direct

Input Watts (W): 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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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°	22067	22067	22067
5°	24512	22486	21016
10°	28331	24142	21665
15°	32765	27071	24041
20°	36252	30140	23791
25°	38469	34358	20850
30°	39926	41257	15903
35°	41262	51686	9692
40°	44065	69427	7065
45°	53227	90489	6806
50°	69525	115243	6866
55°	86847	154010	7115
60°	100911	223293	7584
65°	103802	273154	8448
70°	92405	251409	9339
75°	44390	142078	10883
80°	15325	19672	11113
85°	6874	12216	11190



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	169.4	1.1
10°-20°	580.9	3.7
20°-30°	1025.7	6.6
30°-40°	1472.3	9.5
40°-50°	2236.1	14.4
50°-60°	3292.4	21.1
60°-70°	4375.4	28.1
70°-80°	2140.6	13.7
80°-90°	284.2	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°	1776.1	11.4
0°-40°	3248.4	20.9
0°-60°	8776.9	56.3
0°-90°	15577.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	15577.1	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	1702	1702	1702	1702	1702	
5°	1883	1830	1727	1642	1614	188
15°	2440	2222	2016	1826	1791	693
25°	2688	2396	2401	2003	1457	1238
35°	2606	2847	3265	1544	612	1643
45°	2902	4551	4934	556	371	2293
55°	3841	6020	6812	337	315	3390
65°	3383	7677	8902	376	275	3285
75°	886	2640	2836	436	217	1104
85°	46	145	82	104	75	68
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°	1701.6	1701.6	1701.6	1701.6	1701.6	1701.6	1701.6	1701.6	1701.6	1701.6	1701.6
2.5°	1782.0	1783.7	1780.3	1778.6	1768.3	1758.1	1751.2	1742.7	1742.7	1742.7	1739.2
5°	1882.9	1876.1	1881.2	1869.2	1848.7	1829.9	1811.1	1795.7	1792.3	1792.3	1785.4
7.5°	2004.3	1995.8	1992.4	1975.3	1944.5	1917.1	1879.5	1864.1	1855.5	1852.1	1848.7
10°	2151.4	2151.4	2129.2	2100.1	2059.1	2011.2	1970.1	1942.8	1941.0	1941.0	1925.7
12.5°	2301.9	2305.3	2276.2	2247.2	2180.5	2117.2	2069.3	2038.5	2036.8	2030.0	2021.4
15°	2440.4	2431.9	2413.1	2370.3	2296.8	2221.5	2161.7	2130.9	2124.0	2117.2	2112.1
17.5°	2555.0	2546.5	2522.5	2467.8	2390.8	2301.9	2228.4	2195.9	2192.4	2189.0	2182.2
20°	2626.8	2620.0	2585.8	2522.5	2442.1	2351.5	2272.8	2250.6	2243.8	2243.8	2240.3
22.5°	2667.9	2657.6	2608.0	2524.2	2445.6	2378.9	2313.9	2300.2	2295.1	2296.8	2296.8
25°	2688.4	2679.8	2609.7	2490.0	2414.8	2396.0	2368.6	2360.0	2361.8	2363.5	2366.9
27.5°	2691.8	2679.8	2597.8	2445.6	2375.4	2428.4	2447.3	2460.9	2460.9	2467.8	2479.8
30°	2666.2	2652.5	2573.8	2411.3	2358.3	2493.4	2568.7	2604.6	2618.3	2614.9	2642.2
32.5°	2621.7	2613.1	2549.9	2411.3	2406.2	2621.7	2755.1	2806.4	2813.2	2816.7	2847.4
35°	2606.3	2604.6	2577.2	2493.4	2555.0	2847.4	3051.0	3090.3	3098.8	3098.8	3121.1
37.5°	2602.9	2611.4	2642.2	2647.4	2816.7	3182.6	3449.4	3509.3	3509.3	3526.4	3526.4
40°	2602.9	2621.7	2738.0	2876.5	3136.5	3618.7	3988.1	4056.5	4056.5	4075.3	4065.1
42.5°	2703.8	2731.2	2922.7	3186.1	3540.1	4068.5	4492.6	4569.6	4574.7	4569.6	4585.0
45°	2902.2	2926.1	3158.7	3536.6	3955.6	4550.8	4974.9	5067.3	5048.4	5060.4	5065.5
47.5°	3165.5	3203.2	3468.2	3919.7	4360.9	4997.1	5515.3	5599.1	5592.3	5597.4	5575.2
50°	3446.0	3485.3	3781.2	4299.4	4764.5	5356.3	5949.7	6074.5	6062.6	6071.1	6083.1
52.5°	3694.0	3717.9	4003.5	4585.0	5070.7	5691.5	6283.2	6438.8	6466.2	6469.6	6478.1
55°	3841.1	3870.1	4131.8	4726.9	5293.0	6019.8	6664.6	6900.6	6953.6	6967.3	7004.9
57.5°	3892.4	3923.1	4160.9	4747.4	5414.4	6327.7	7196.4	7612.0	7656.5	7730.0	7849.7
60°	3890.6	3923.1	4130.1	4701.3	5537.5	6709.0	8024.1	8720.2	8945.9	9021.2	9192.2
62.5°	3731.6	3769.2	3979.6	4561.0	5694.9	7196.4	9255.5	10326.0	10616.8	10753.6	10938.3
65°	3382.7	3410.1	3606.8	4205.3	5650.4	7677.0	10285.0	11620.6	11885.7	12085.8	12415.9
67°	3073.2	3090.3	3244.2	3784.6	5216.0	7694.1	10609.9	11942.2	12173.0	12385.1	12725.4
67.5°	2994.5	3030.4	3150.1	3656.4	5053.6	7596.6	10587.7	11892.6	12128.6	12349.2	12708.3
70°	2437.0	2488.3	2548.2	2888.5	3972.7	6390.9	9802.7	11034.1	11241.0	11446.2	11947.3
72.5°	1503.2	1595.6	1607.6	1823.0	2585.8	4417.4	7931.8	9305.1	9460.7	9607.8	10120.8
75°	885.9	899.6	942.3	1116.7	1516.9	2640.5	5322.1	6912.5	7056.2	7128.0	7529.9
77.5°	494.2	507.9	543.8	694.3	1166.3	1778.6	3098.8	4061.7	4148.9	4239.5	4174.5
80°	205.2	224.0	241.1	280.5	545.5	1404.1	2130.9	2582.4	2638.8	2691.8	2758.5
82.5°	99.2	106.0	130.0	148.8	198.4	576.3	1670.8	2238.6	2305.3	2382.3	2537.9
85°	46.2	51.3	71.8	85.5	95.8	145.4	559.2	1089.4	1181.7	1198.8	1229.6
87.5°	3.4	3.4	8.6	12.0	17.1	18.8	58.1	82.1	92.3	83.8	106.0
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°	1701.6	1701.6	1701.6	1701.6	1701.6	1701.6	1701.6	1701.6	1701.6	1701.6	1701.6
2.5°	1737.5	1735.8	1732.4	1732.4	1730.7	1730.7	1730.7	1727.3	1727.3	1727.3	1725.6
5°	1783.7	1782.0	1776.9	1776.9	1773.5	1773.5	1768.3	1766.6	1763.2	1763.2	1761.5
7.5°	1843.6	1841.9	1835.0	1835.0	1829.9	1828.2	1824.8	1819.6	1819.6	1816.2	1812.8
10°	1925.7	1920.5	1918.8	1910.3	1912.0	1908.6	1905.1	1900.0	1896.6	1893.2	1889.7
12.5°	2018.0	2018.0	2009.5	2004.3	2007.7	2004.3	1997.5	1995.8	1990.6	1990.6	1985.5
15°	2105.2	2105.2	2101.8	2095.0	2096.7	2091.5	2089.8	2086.4	2079.6	2081.3	2079.6
17.5°	2180.5	2180.5	2175.3	2171.9	2171.9	2166.8	2168.5	2165.1	2161.7	2160.0	2154.8
20°	2240.3	2240.3	2236.9	2233.5	2235.2	2235.2	2230.1	2230.1	2230.1	2226.6	2226.6
22.5°	2298.5	2300.2	2300.2	2300.2	2301.9	2303.6	2301.9	2305.3	2303.6	2307.0	2307.0
25°	2375.4	2380.6	2384.0	2384.0	2392.5	2394.2	2396.0	2401.1	2401.1	2406.2	2407.9
27.5°	2490.0	2493.4	2507.1	2510.5	2512.2	2525.9	2527.6	2534.5	2541.3	2543.0	2544.7
30°	2647.4	2655.9	2666.2	2673.0	2673.0	2690.1	2696.9	2693.5	2712.3	2717.5	2724.3
32.5°	2857.7	2864.5	2874.8	2881.6	2888.5	2897.0	2898.7	2907.3	2922.7	2936.4	2927.8
35°	3122.8	3139.9	3122.8	3141.6	3146.7	3158.7	3155.3	3165.5	3172.4	3177.5	3175.8
37.5°	3507.6	3499.0	3495.6	3488.8	3476.8	3517.8	3497.3	3495.6	3485.3	3514.4	3495.6
40°	4013.8	4018.9	4024.0	3996.7	3981.3	3981.3	3976.2	3957.3	3948.8	3974.4	3971.0
42.5°	4542.2	4547.4	4523.4	4506.3	4467.0	4461.8	4437.9	4432.8	4424.2	4437.9	4424.2
45°	5022.8	5026.2	4973.2	4981.7	4951.0	4956.1	4918.5	4933.9	4913.3	4927.0	4952.7
47.5°	5559.8	5566.6	5520.4	5539.3	5508.5	5489.7	5488.0	5498.2	5476.0	5489.7	5496.5
50°	6047.2	6038.6	6014.7	6019.8	6006.1	6009.6	5989.0	6007.8	5982.2	6009.6	6006.1
52.5°	6479.9	6469.6	6464.5	6481.6	6469.6	6469.6	6457.6	6466.2	6469.6	6510.6	6519.2
55°	7004.9	7013.4	7022.0	7052.8	7066.4	7044.2	7066.4	7109.2	7110.9	7208.4	7261.4
57.5°	7848.0	7907.9	7938.6	7957.4	8037.8	8029.3	8080.6	8183.2	8193.5	8419.2	8550.9
60°	9318.7	9424.8	9525.7	9471.0	9633.4	9683.0	9713.8	9905.3	9965.2	10179.0	10293.5
62.5°	11176.0	11188.0	11345.3	11295.7	11388.1	11365.8	11403.5	11490.7	11569.3	11745.5	11853.2
65°	12472.3	12528.7	12590.3	12527.0	12525.3	12450.1	12402.2	12400.5	12448.4	12486.0	12605.7
67°	12824.6	12881.0	12896.4	12850.3	12783.6	12687.8	12598.9	12552.7	12521.9	12539.0	12614.3
67.5°	12821.2	12874.2	12893.0	12848.6	12756.2	12675.8	12581.8	12528.7	12487.7	12496.3	12559.5
70°	12092.7	12207.2	12268.8	12282.5	12270.5	12130.3	12049.9	12002.0	11967.8	11884.0	11878.9
72.5°	10245.7	10384.2	10432.1	10509.0	10543.2	10336.3	10249.1	10302.1	10182.4	9917.3	9929.3
75°	7523.1	7533.3	7372.6	7341.8	7227.2	6758.6	6618.4	6490.1	6284.9	5965.1	5664.1
77.5°	3921.4	3919.7	3735.0	3641.0	3504.2	3222.0	3208.3	2979.1	2818.4	2525.9	2419.9
80°	2785.9	2830.3	2891.9	2922.7	2874.8	2765.4	2614.9	2452.4	2266.0	2083.0	1864.1
82.5°	2590.9	2618.3	2650.8	2531.1	2464.4	2310.4	2195.9	1959.9	1828.2	1619.5	1398.9
85°	1260.4	1344.2	1279.2	1204.0	1178.3	921.8	891.0	743.9	675.5	555.8	518.2
87.5°	80.4	99.2	88.9	80.4	70.1	39.3	53.0	37.6	39.3	29.1	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



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CANDELA DISTRIBUTION (continued):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1701.6	1701.6	1701.6	1701.6	1701.6	1701.6	1701.6	1701.6	1701.6	1701.6	1701.6
2.5°	1725.6	1723.9	1722.1	1720.4	1718.7	1718.7	1717.0	1715.3	1713.6	1710.2	1710.2
5°	1758.1	1758.1	1756.4	1752.9	1752.9	1749.5	1744.4	1742.7	1742.7	1739.2	1735.8
7.5°	1811.1	1809.4	1805.9	1804.2	1800.8	1797.4	1794.0	1790.6	1788.8	1783.7	1782.0
10°	1891.5	1888.0	1879.5	1876.1	1874.4	1870.9	1867.5	1864.1	1859.0	1855.5	1853.8
12.5°	1982.1	1980.4	1973.5	1977.0	1968.4	1965.0	1961.6	1953.0	1956.4	1949.6	1946.2
15°	2072.7	2074.4	2071.0	2071.0	2064.2	2059.1	2055.6	2048.8	2047.1	2043.7	2040.2
17.5°	2153.1	2156.5	2151.4	2148.0	2144.6	2141.1	2134.3	2127.5	2127.5	2120.6	2117.2
20°	2226.6	2230.1	2228.4	2224.9	2219.8	2218.1	2214.7	2209.5	2209.5	2206.1	2201.0
22.5°	2310.4	2312.2	2312.2	2310.4	2305.3	2307.0	2303.6	2298.5	2300.2	2293.3	2293.3
25°	2411.3	2414.8	2418.2	2419.9	2416.5	2418.2	2414.8	2411.3	2409.6	2411.3	2409.6
27.5°	2549.9	2553.3	2563.6	2555.0	2563.6	2565.3	2560.1	2553.3	2558.4	2567.0	2561.8
30°	2732.9	2729.4	2743.1	2744.8	2743.1	2744.8	2741.4	2736.3	2739.7	2755.1	2746.5
32.5°	2938.1	2944.9	2948.3	2951.8	2956.9	2963.7	2958.6	2953.5	2962.0	2956.9	2968.9
35°	3186.1	3201.4	3206.6	3201.4	3204.9	3216.8	3215.1	3216.8	3233.9	3216.8	3239.1
37.5°	3499.0	3514.4	3526.4	3519.5	3528.1	3528.1	3541.8	3579.4	3555.5	3586.2	3610.2
40°	3953.9	3977.9	3979.6	3977.9	3986.4	3996.7	4010.4	4051.4	4024.0	4056.5	4078.8
42.5°	4422.5	4451.6	4461.8	4444.7	4463.6	4485.8	4487.5	4523.4	4525.1	4530.3	4542.2
45°	4951.0	4976.6	4997.1	4988.6	4990.3	5019.4	5012.5	5046.7	5021.1	5021.1	5027.9
47.5°	5513.6	5537.5	5551.2	5564.9	5547.8	5573.5	5585.4	5578.6	5547.8	5541.0	5499.9
50°	6026.7	6047.2	6067.7	6105.3	6103.6	6115.6	6124.1	6093.4	6086.5	6048.9	6002.7
52.5°	6570.5	6623.5	6669.7	6748.4	6760.3	6801.4	6786.0	6734.7	6726.1	6664.6	6603.0
55°	7328.1	7480.3	7547.0	7668.4	7750.5	7748.8	7714.6	7706.1	7641.1	7517.9	7444.4
57.5°	8646.6	8884.4	8998.9	9156.3	9181.9	9166.5	9122.1	9043.4	8930.5	8723.6	8590.2
60°	10550.1	10697.1	10830.5	10868.2	10887.0	10857.9	10702.3	10527.8	10307.2	10021.6	9783.9
62.5°	11988.3	12138.8	12238.0	12222.6	12104.6	11955.8	11728.4	11435.9	11126.4	10806.6	10450.9
65°	12720.3	12783.6	12768.2	12648.5	12446.7	12186.7	11854.9	11494.1	11129.8	10751.9	10382.5
67°	12681.0	12682.7	12578.3	12345.8	12087.5	11760.9	11355.6	10962.2	10534.7	10137.9	9698.4
67.5°	12610.8	12604.0	12458.6	12203.8	11925.1	11588.2	11167.4	10760.4	10317.5	9917.3	9462.4
70°	11817.3	11721.5	11393.2	10986.2	10598.0	10143.1	9701.8	9234.9	8735.6	8391.8	7868.5
72.5°	9710.4	9387.2	8821.1	8395.3	7979.7	7384.5	7109.2	6529.5	6178.9	5960.0	5564.9
75°	5623.1	5352.9	4915.0	4516.6	4314.8	3962.5	3794.9	3369.0	3280.1	3276.7	3139.9
77.5°	2146.3	1872.6	1590.5	1280.9	1089.4	865.3	762.7	682.4	620.8	663.5	602.0
80°	1609.3	1323.7	1034.7	752.5	537.0	396.8	340.3	314.7	299.3	287.3	278.8
82.5°	1198.8	945.7	733.7	478.8	335.2	253.1	218.9	205.2	198.4	186.4	176.1
85°	405.3	324.9	256.5	177.9	140.2	114.6	106.0	102.6	97.5	88.9	83.8
87.5°	22.2	20.5	22.2	17.1	20.5	17.1	18.8	18.8	18.8	17.1	17.1
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: P151251

CATALOG NUMBER: TLM-E05-LED-E1-SL3-7050

CANDELA DISTRIBUTION (continued):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1701.6	1701.6	1701.6	1701.6	1701.6	1701.6	1701.6	1701.6	1701.6	1701.6	1701.6
2.5°	1708.5	1708.5	1708.5	1705.0	1699.9	1689.7	1679.4	1670.8	1662.3	1657.2	1653.7
5°	1734.1	1730.7	1729.0	1727.3	1715.3	1694.8	1676.0	1658.9	1641.8	1628.1	1623.0
7.5°	1780.3	1773.5	1771.7	1766.6	1751.2	1720.4	1693.1	1665.7	1641.8	1623.0	1614.4
10°	1850.4	1850.4	1840.1	1833.3	1816.2	1775.2	1735.8	1699.9	1667.4	1646.9	1641.8
12.5°	1939.3	1939.3	1930.8	1925.7	1905.1	1852.1	1804.2	1761.5	1730.7	1710.2	1708.5
15°	2031.7	2030.0	2023.1	2016.3	1994.1	1937.6	1889.7	1852.1	1826.5	1802.5	1795.7
17.5°	2113.8	2113.8	2105.2	2098.4	2076.2	2028.3	1985.5	1958.2	1929.1	1879.5	1841.9
20°	2195.9	2197.6	2190.7	2183.9	2165.1	2124.0	2105.2	2077.9	2012.9	1905.1	1816.2
22.5°	2286.5	2293.3	2284.8	2278.0	2262.6	2245.5	2238.6	2173.6	2036.8	1864.1	1734.1
25°	2402.8	2414.8	2404.5	2401.1	2392.5	2397.7	2377.1	2226.6	2002.6	1775.2	1612.7
27.5°	2561.8	2561.8	2563.6	2563.6	2560.1	2578.9	2503.7	2228.4	1927.4	1660.6	1467.3
30°	2748.3	2758.5	2755.1	2755.1	2768.8	2780.7	2573.8	2190.7	1831.6	1518.6	1289.5
32.5°	2972.3	2980.8	2984.3	2968.9	3023.6	2962.0	2599.5	2122.3	1713.6	1342.5	1077.4
35°	3242.5	3254.5	3263.0	3264.7	3300.6	3119.4	2585.8	2021.4	1544.3	1121.9	844.8
37.5°	3594.8	3618.7	3637.5	3646.1	3647.8	3252.8	2548.2	1888.0	1323.7	875.6	629.3
40°	4063.4	4089.0	4083.9	4101.0	4003.5	3331.4	2462.7	1694.8	1050.0	643.0	485.7
42.5°	4514.9	4518.3	4525.1	4509.7	4311.4	3372.5	2342.9	1458.8	786.7	480.6	415.6
45°	5019.4	4990.3	4957.8	4933.9	4595.2	3387.9	2178.8	1171.5	555.8	403.6	384.8
47.5°	5493.1	5453.8	5387.1	5318.6	4848.3	3363.9	1968.4	877.3	422.4	369.4	364.3
50°	5958.3	5884.7	5790.7	5712.0	5091.2	3328.0	1735.8	632.8	369.4	352.3	347.2
52.5°	6534.6	6411.4	6288.3	6185.7	5407.6	3271.6	1491.3	480.6	347.2	338.6	331.8
55°	7324.7	7153.7	6955.3	6811.6	5836.8	3186.1	1234.7	407.0	336.9	330.1	319.8
57.5°	8419.2	8162.7	7938.6	7704.3	6423.4	3098.8	1014.1	377.9	335.2	324.9	311.3
60°	9537.7	9229.8	8944.2	8609.0	7022.0	3011.6	860.2	374.5	340.3	324.9	304.4
62.5°	10119.1	9801.0	9457.3	9116.9	7280.2	2806.4	754.2	379.7	352.3	330.1	304.4
65°	9985.7	9597.5	9248.6	8901.5	6980.9	2418.2	637.9	386.5	376.2	350.6	309.5
67°	9315.3	8910.0	8574.8	8243.0	6314.0	2024.8	547.3	393.3	401.9	374.5	319.8
67.5°	9079.3	8674.0	8343.9	8020.7	6117.3	1942.8	525.0	396.8	407.0	381.4	323.2
70°	7528.2	7230.6	6880.0	6630.4	4952.7	1438.3	431.0	403.6	437.8	420.7	338.6
72.5°	5417.8	5133.9	4870.6	4732.1	3647.8	1005.6	362.6	396.8	456.6	442.9	345.5
75°	2879.9	2862.8	2767.1	2835.5	2257.4	656.7	319.8	371.1	436.1	405.3	321.5
77.5°	581.5	598.6	702.9	692.6	728.5	366.0	273.6	318.1	336.9	297.6	261.7
80°	270.2	265.1	259.9	263.4	258.2	234.3	222.3	249.7	234.3	191.5	174.4
82.5°	167.6	164.2	159.0	157.3	174.4	186.4	195.0	196.7	155.6	133.4	128.3
85°	80.4	80.4	78.7	82.1	102.6	152.2	164.2	145.4	104.3	95.8	90.6
87.5°	15.4	15.4	17.1	15.4	20.5	35.9	41.0	47.9	39.3	41.0	46.2
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: P151251

CATALOG NUMBER: TLM-E05-LED-E1-SL3-7050

CANDELA DISTRIBUTION (continued):

	165°	175°	180°
0°	1701.6	1701.6	1701.6
2.5°	1650.3	1646.9	1646.9
5°	1616.1	1614.4	1614.4
7.5°	1607.6	1609.3	1607.6
10°	1640.1	1638.3	1645.2
12.5°	1711.9	1717.0	1715.3
15°	1787.1	1790.6	1790.6
17.5°	1809.4	1797.4	1795.7
20°	1751.2	1729.0	1723.9
22.5°	1641.8	1600.7	1602.4
25°	1503.2	1453.6	1457.1
27.5°	1342.5	1289.5	1287.8
30°	1149.2	1091.1	1062.0
32.5°	916.7	846.5	846.5
35°	689.2	632.8	612.2
37.5°	523.3	490.8	480.6
40°	436.1	420.7	417.3
42.5°	396.8	391.6	389.9
45°	376.2	372.8	371.1
47.5°	357.4	355.7	354.0
50°	343.7	342.0	340.3
52.5°	331.8	328.4	326.6
55°	314.7	314.7	314.7
57.5°	304.4	304.4	302.7
60°	294.2	292.4	292.4
62.5°	285.6	282.2	283.9
65°	280.5	275.3	275.3
67°	277.0	266.8	266.8
67.5°	277.0	263.4	263.4
70°	271.9	249.7	246.3
72.5°	266.8	234.3	229.2
75°	253.1	222.3	217.2
77.5°	217.2	198.4	195.0
80°	167.6	145.4	148.8
82.5°	121.4	104.3	102.6
85°	87.2	75.2	75.2
87.5°	46.2	39.3	41.0
90°	0.0	0.0	0.0

(END OF REPORT)