

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: P151261

Luminaire Tested: **TLM-E06-LED-E1-SL3-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P151261
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-E06-LED-E1-SL3-7050
Description: TALON MEDIUM LED SITE LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (126) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

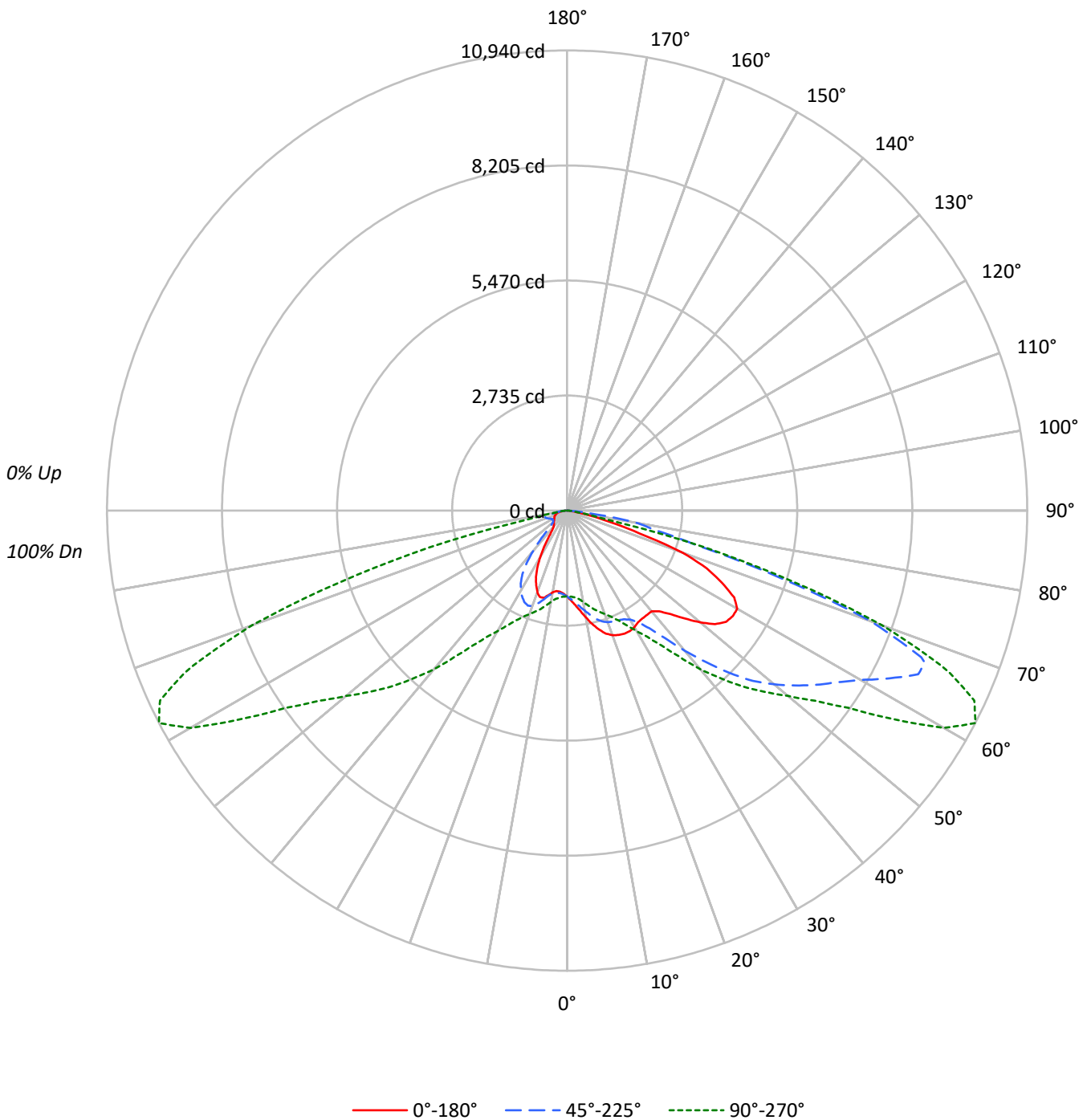
Lumens per Lamp: N/A
Luminaire Lumens: 18692.5 lumens
Efficiency: N/A
Efficacy: 124.2 lumens/watt
Spacing Criteria (0/90/45): 1.44 / 3.92 / 2.51
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
CIE Type: Direct

Input Watts (W): 150.5
Input Voltage (V): NR
Input Current (A_{in}): 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°	21979	21979	21979
5°	24414	22396	20933
10°	28218	24046	21578
15°	32634	26963	23944
20°	36108	30019	23695
25°	38315	34220	20766
30°	39766	41092	15840
35°	41098	51480	9654
40°	43889	69149	7035
45°	53014	90126	6779
50°	69247	114782	6839
55°	86500	153396	7086
60°	100509	222400	7554
65°	103389	272061	8415
70°	92035	250400	9300
75°	44209	141509	10838
80°	15267	19588	11065
85°	6842	12165	11152



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	203.3	1.1
10°-20°	697.1	3.7
20°-30°	1230.9	6.6
30°-40°	1766.8	9.5
40°-50°	2683.4	14.4
50°-60°	3950.8	21.1
60°-70°	5250.5	28.1
70°-80°	2568.7	13.7
80°-90°	341.1	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°	2131.3	11.4
0°-40°	3898.1	20.9
0°-60°	10532.3	56.3
0°-90°	18692.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	18692.5	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	2042	2042	2042	2042	2042	
5°	2260	2196	2073	1970	1937	226
15°	2928	2666	2420	2192	2149	832
25°	3226	2875	2881	2403	1748	1486
35°	3128	3417	3918	1853	735	1972
45°	3483	5461	5921	667	445	2752
55°	4609	7224	8174	404	378	4067
65°	4059	9212	10682	452	330	3941
75°	1063	3169	3403	523	261	1324
85°	55	174	98	125	90	82
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°	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9
2.5°	2138.4	2140.5	2136.4	2134.3	2122.0	2109.7	2101.5	2091.2	2091.2	2091.2	2087.1
5°	2259.5	2251.3	2257.4	2243.1	2218.4	2195.9	2173.3	2154.8	2150.7	2150.7	2142.5
7.5°	2405.2	2394.9	2390.8	2370.3	2333.4	2300.5	2255.4	2236.9	2226.6	2222.5	2218.4
10°	2581.7	2581.7	2555.0	2520.1	2470.9	2413.4	2364.1	2331.3	2329.3	2329.3	2310.8
12.5°	2762.3	2766.4	2731.5	2696.6	2616.6	2540.6	2483.2	2446.2	2444.2	2436.0	2425.7
15°	2928.5	2918.2	2895.7	2844.4	2756.1	2665.8	2594.0	2557.1	2548.8	2540.6	2534.5
17.5°	3066.0	3055.7	3027.0	2961.3	2869.0	2762.3	2674.0	2635.0	2630.9	2626.8	2618.6
20°	3152.2	3144.0	3102.9	3027.0	2930.6	2821.8	2727.4	2700.7	2692.5	2692.5	2688.4
22.5°	3201.4	3189.1	3129.6	3029.1	2934.7	2854.6	2776.6	2760.2	2754.1	2756.1	2756.1
25°	3226.1	3215.8	3131.7	2988.0	2897.7	2875.1	2842.3	2832.1	2834.1	2836.2	2840.3
27.5°	3230.2	3215.8	3117.3	2934.7	2850.5	2914.1	2936.7	2953.1	2953.1	2961.3	2975.7
30°	3199.4	3183.0	3088.6	2893.6	2830.0	2992.1	3082.4	3125.5	3141.9	3137.8	3170.7
32.5°	3146.0	3135.8	3059.8	2893.6	2887.5	3146.0	3306.1	3367.7	3375.9	3380.0	3416.9
35°	3127.6	3125.5	3092.7	2992.1	3066.0	3416.9	3661.1	3708.3	3718.6	3718.6	3745.3
37.5°	3123.5	3133.7	3170.7	3176.8	3380.0	3819.2	4139.3	4211.1	4211.1	4231.7	4231.7
40°	3123.5	3146.0	3285.6	3451.8	3763.8	4342.5	4785.8	4867.8	4867.8	4890.4	4878.1
42.5°	3244.5	3277.4	3507.2	3823.3	4248.1	4882.2	5391.2	5483.5	5489.7	5483.5	5502.0
45°	3482.6	3511.3	3790.4	4244.0	4746.8	5460.9	5969.9	6080.7	6058.1	6072.5	6078.6
47.5°	3798.6	3843.8	4161.9	4703.7	5233.1	5996.6	6618.4	6718.9	6710.7	6716.9	6690.2
50°	4135.2	4182.4	4537.4	5159.3	5717.5	6427.5	7139.6	7289.5	7275.1	7285.3	7299.7
52.5°	4432.8	4461.5	4804.2	5502.0	6084.8	6829.8	7539.8	7726.6	7759.4	7763.5	7773.8
55°	4609.3	4644.2	4958.1	5672.3	6351.6	7223.8	7997.5	8280.7	8344.3	8360.7	8405.9
57.5°	4670.8	4707.8	4993.0	5696.9	6497.3	7593.2	8635.7	9134.4	9187.7	9276.0	9419.6
60°	4668.8	4707.8	4956.1	5641.5	6645.1	8050.8	9629.0	10464.2	10735.1	10825.4	11030.6
62.5°	4477.9	4523.1	4775.5	5473.2	6833.9	8635.7	11106.6	12391.2	12740.1	12904.3	13125.9
65°	4059.3	4092.1	4328.1	5046.4	6780.5	9212.4	12342.0	13944.8	14262.9	14503.0	14899.1
67°	3687.8	3708.3	3893.0	4541.5	6259.2	9232.9	12731.9	14330.6	14607.6	14862.1	15270.5
67.5°	3593.4	3636.5	3780.2	4387.6	6064.3	9115.9	12705.2	14271.1	14554.3	14819.0	15250.0
70°	2924.4	2986.0	3057.8	3466.2	4767.3	7669.1	11763.3	13240.9	13489.2	13735.4	14336.7
72.5°	1803.9	1914.7	1929.1	2187.7	3102.9	5300.9	9518.2	11166.1	11352.8	11529.3	12145.0
75°	1063.0	1079.5	1130.8	1340.1	1820.3	3168.6	6386.5	8295.0	8467.4	8553.6	9035.9
77.5°	593.1	609.5	652.6	833.2	1399.6	2134.3	3718.6	4874.0	4978.7	5087.4	5009.4
80°	246.3	268.8	289.4	336.6	654.7	1684.9	2557.1	3098.8	3166.6	3230.2	3310.2
82.5°	119.0	127.2	156.0	178.5	238.1	691.6	2005.0	2686.3	2766.4	2858.7	3045.5
85°	55.4	61.6	86.2	102.6	114.9	174.4	671.1	1307.3	1418.1	1438.6	1475.5
87.5°	4.1	4.1	10.3	14.4	20.5	22.6	69.8	98.5	110.8	100.6	127.2
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°	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9
2.5°	2085.0	2083.0	2078.9	2078.9	2076.8	2076.8	2076.8	2072.7	2072.7	2072.7	2070.7
5°	2140.5	2138.4	2132.2	2132.2	2128.1	2128.1	2122.0	2119.9	2115.8	2115.8	2113.8
7.5°	2212.3	2210.2	2202.0	2202.0	2195.9	2193.8	2189.7	2183.6	2183.6	2179.4	2175.3
10°	2310.8	2304.6	2302.6	2292.3	2294.4	2290.3	2286.2	2280.0	2275.9	2271.8	2267.7
12.5°	2421.6	2421.6	2411.3	2405.2	2409.3	2405.2	2397.0	2394.9	2388.8	2388.8	2382.6
15°	2526.3	2526.3	2522.2	2514.0	2516.0	2509.9	2507.8	2503.7	2495.5	2497.5	2495.5
17.5°	2616.6	2616.6	2610.4	2606.3	2606.3	2600.2	2602.2	2598.1	2594.0	2591.9	2585.8
20°	2688.4	2688.4	2684.3	2680.2	2682.2	2682.2	2676.1	2676.1	2676.1	2672.0	2672.0
22.5°	2758.2	2760.2	2760.2	2760.2	2762.3	2764.3	2762.3	2766.4	2764.3	2768.4	2768.4
25°	2850.5	2856.7	2860.8	2860.8	2871.0	2873.1	2875.1	2881.3	2881.3	2887.5	2889.5
27.5°	2988.0	2992.1	3008.5	3012.6	3014.7	3031.1	3033.2	3041.4	3049.6	3051.6	3053.7
30°	3176.8	3187.1	3199.4	3207.6	3207.6	3228.1	3236.3	3232.2	3254.8	3261.0	3269.2
32.5°	3429.2	3437.5	3449.8	3458.0	3466.2	3476.4	3478.5	3488.8	3507.2	3523.6	3513.4
35°	3747.3	3767.9	3747.3	3769.9	3776.1	3790.4	3786.3	3798.6	3806.9	3813.0	3811.0
37.5°	4209.1	4198.8	4194.7	4186.5	4172.1	4221.4	4196.8	4194.7	4182.4	4217.3	4194.7
40°	4816.5	4822.7	4828.9	4796.0	4777.5	4777.5	4771.4	4748.8	4738.6	4769.3	4765.2
42.5°	5450.7	5456.8	5428.1	5407.6	5360.4	5354.2	5325.5	5319.3	5309.1	5325.5	5309.1
45°	6027.3	6031.4	5967.8	5978.1	5941.2	5947.3	5902.2	5920.6	5896.0	5912.4	5943.2
47.5°	6671.7	6679.9	6624.5	6647.1	6610.2	6587.6	6585.5	6597.9	6571.2	6587.6	6595.8
50°	7256.6	7246.4	7217.6	7223.8	7207.4	7211.5	7186.8	7209.4	7178.6	7211.5	7207.4
52.5°	7775.8	7763.5	7757.4	7777.9	7763.5	7763.5	7749.1	7759.4	7763.5	7812.8	7823.0
55°	8405.9	8416.1	8426.4	8463.3	8479.7	8453.1	8479.7	8531.0	8533.1	8650.1	8713.7
57.5°	9417.6	9489.4	9526.4	9548.9	9645.4	9635.1	9696.7	9819.8	9832.1	10103.0	10261.1
60°	11182.5	11309.7	11430.8	11365.1	11560.1	11619.6	11656.6	11886.4	11958.2	12214.8	12352.3
62.5°	13411.2	13425.6	13614.4	13554.9	13665.7	13639.0	13684.1	13788.8	13883.2	14094.6	14223.9
65°	14966.8	15034.5	15108.4	15032.4	15030.4	14940.1	14882.6	14880.6	14938.0	14983.2	15126.8
67°	15389.5	15457.3	15475.7	15420.3	15340.3	15225.4	15118.6	15063.2	15026.3	15046.8	15137.1
67.5°	15385.4	15449.0	15471.6	15418.3	15307.4	15211.0	15098.1	15034.5	14985.2	14995.5	15071.4
70°	14511.2	14648.7	14722.6	14739.0	14724.6	14556.3	14459.9	14402.4	14361.4	14260.8	14254.7
72.5°	12294.8	12461.0	12518.5	12610.8	12651.9	12403.6	12298.9	12362.5	12218.9	11900.8	11915.1
75°	9027.7	9040.0	8847.1	8810.1	8672.6	8110.3	7942.1	7788.1	7541.9	7158.1	6796.9
77.5°	4705.7	4703.7	4482.0	4369.2	4205.0	3866.4	3849.9	3575.0	3382.0	3031.1	2903.9
80°	3343.1	3396.4	3470.3	3507.2	3449.8	3318.4	3137.8	2942.9	2719.2	2499.6	2236.9
82.5°	3109.1	3141.9	3180.9	3037.3	2957.2	2772.5	2635.0	2351.8	2193.8	1943.4	1678.7
85°	1512.5	1613.0	1535.1	1444.8	1414.0	1106.1	1069.2	892.7	810.6	667.0	621.8
87.5°	96.5	119.0	106.7	96.5	84.1	47.2	63.6	45.1	47.2	34.9	30.8
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°	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9
2.5°	2070.7	2068.6	2066.6	2064.5	2062.5	2062.5	2060.4	2058.4	2056.3	2052.2	2052.2
5°	2109.7	2109.7	2107.6	2103.5	2103.5	2099.4	2093.3	2091.2	2091.2	2087.1	2083.0
7.5°	2173.3	2171.2	2167.1	2165.1	2161.0	2156.9	2152.8	2148.7	2146.6	2140.5	2138.4
10°	2269.7	2265.6	2255.4	2251.3	2249.2	2245.1	2241.0	2236.9	2230.8	2226.6	2224.6
12.5°	2378.5	2376.5	2368.3	2372.4	2362.1	2358.0	2353.9	2343.6	2347.7	2339.5	2335.4
15°	2487.3	2489.3	2485.2	2485.2	2477.0	2470.9	2466.8	2458.5	2456.5	2452.4	2448.3
17.5°	2583.7	2587.8	2581.7	2577.6	2573.5	2569.4	2561.2	2553.0	2553.0	2544.7	2540.6
20°	2672.0	2676.1	2674.0	2669.9	2663.8	2661.7	2657.6	2651.5	2651.5	2647.4	2641.2
22.5°	2772.5	2774.6	2774.6	2772.5	2766.4	2768.4	2764.3	2758.2	2760.2	2752.0	2752.0
25°	2893.6	2897.7	2901.8	2903.9	2899.8	2901.8	2897.7	2893.6	2891.6	2893.6	2891.6
27.5°	3059.8	3064.0	3076.3	3066.0	3076.3	3078.3	3072.2	3064.0	3070.1	3080.4	3074.2
30°	3279.4	3275.3	3291.7	3293.8	3291.7	3293.8	3289.7	3283.5	3287.6	3306.1	3295.9
32.5°	3525.7	3533.9	3538.0	3542.1	3548.3	3556.5	3550.3	3544.2	3554.4	3548.3	3562.6
35°	3823.3	3841.7	3847.9	3841.7	3845.8	3860.2	3858.2	3860.2	3880.7	3860.2	3886.9
37.5°	4198.8	4217.3	4231.7	4223.4	4233.7	4233.7	4250.1	4295.3	4266.5	4303.5	4332.2
40°	4744.7	4773.4	4775.5	4773.4	4783.7	4796.0	4812.4	4861.7	4828.9	4867.8	4894.5
42.5°	5307.0	5341.9	5354.2	5333.7	5356.3	5382.9	5385.0	5428.1	5430.2	5436.3	5450.7
45°	5941.2	5971.9	5996.6	5986.3	5988.4	6023.2	6015.0	6056.1	6025.3	6025.3	6033.5
47.5°	6616.3	6645.1	6661.5	6677.9	6657.4	6688.2	6702.5	6694.3	6657.4	6649.2	6599.9
50°	7232.0	7256.6	7281.2	7326.4	7324.3	7338.7	7349.0	7312.0	7303.8	7258.7	7203.3
52.5°	7884.6	7948.2	8003.6	8098.0	8112.4	8161.6	8143.2	8081.6	8071.3	7997.5	7923.6
55°	8793.7	8976.4	9056.4	9202.1	9300.6	9298.6	9257.5	9247.3	9169.3	9021.5	8933.3
57.5°	10376.0	10661.2	10798.7	10987.5	11018.3	10999.9	10946.5	10852.1	10716.6	10468.3	10308.3
60°	12660.1	12836.6	12996.7	13041.8	13064.4	13029.5	12842.7	12633.4	12368.7	12026.0	11740.7
62.5°	14386.0	14566.6	14685.6	14667.2	14525.5	14347.0	14074.1	13723.1	13351.7	12967.9	12541.1
65°	15264.3	15340.3	15321.8	15178.2	14936.0	14624.1	14225.9	13792.9	13355.8	12902.2	12459.0
67°	15217.1	15219.2	15094.0	14814.9	14505.0	14113.1	13626.7	13154.7	12641.6	12165.5	11638.1
67.5°	15133.0	15124.8	14950.4	14644.6	14310.1	13905.8	13400.9	12912.5	12381.0	11900.8	11354.9
70°	14180.8	14065.9	13671.8	13183.4	12717.6	12171.7	11642.2	11081.9	10482.7	10070.2	9442.2
72.5°	11652.5	11264.6	10585.3	10074.3	9575.6	8861.4	8531.0	7835.3	7414.6	7152.0	6677.9
75°	6747.7	6423.4	5898.1	5419.9	5177.7	4755.0	4553.9	4042.9	3936.1	3932.0	3767.9
77.5°	2575.5	2247.2	1908.6	1537.1	1307.3	1038.4	915.3	818.8	745.0	796.3	722.4
80°	1931.1	1588.4	1241.6	903.0	644.4	476.1	408.4	377.6	359.1	344.8	334.5
82.5°	1438.6	1134.9	880.4	574.6	402.2	303.7	262.7	246.3	238.1	223.7	211.4
85°	486.4	389.9	307.8	213.4	168.3	137.5	127.2	123.1	117.0	106.7	100.6
87.5°	26.7	24.6	26.7	20.5	24.6	20.5	22.6	22.6	22.6	20.5	20.5
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: P151261

CATALOG NUMBER: TLM-E06-LED-E1-SL3-7050

CANDELA DISTRIBUTION (continued):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9	2041.9
2.5°	2050.2	2050.2	2050.2	2046.1	2039.9	2027.6	2015.3	2005.0	1994.7	1988.6	1984.5
5°	2080.9	2076.8	2074.8	2072.7	2058.4	2033.7	2011.2	1990.6	1970.1	1953.7	1947.5
7.5°	2136.4	2128.1	2126.1	2119.9	2101.5	2064.5	2031.7	1998.9	1970.1	1947.5	1937.3
10°	2220.5	2220.5	2208.2	2200.0	2179.4	2130.2	2083.0	2039.9	2000.9	1976.3	1970.1
12.5°	2327.2	2327.2	2316.9	2310.8	2286.2	2222.5	2165.1	2113.8	2076.8	2052.2	2050.2
15°	2438.0	2436.0	2427.8	2419.6	2392.9	2325.2	2267.7	2222.5	2191.8	2163.0	2154.8
17.5°	2536.5	2536.5	2526.3	2518.1	2491.4	2433.9	2382.6	2349.8	2314.9	2255.4	2210.2
20°	2635.0	2637.1	2628.9	2620.7	2598.1	2548.8	2526.3	2493.4	2415.5	2286.2	2179.4
22.5°	2743.8	2752.0	2741.8	2733.5	2715.1	2694.6	2686.3	2608.4	2444.2	2236.9	2080.9
25°	2883.4	2897.7	2885.4	2881.3	2871.0	2877.2	2852.6	2672.0	2403.1	2130.2	1935.2
27.5°	3074.2	3074.2	3076.3	3076.3	3072.2	3094.7	3004.4	2674.0	2312.8	1992.7	1760.8
30°	3297.9	3310.2	3306.1	3306.1	3322.5	3336.9	3088.6	2628.9	2197.9	1822.4	1547.4
32.5°	3566.7	3577.0	3581.1	3562.6	3628.3	3554.4	3119.4	2546.8	2056.3	1611.0	1292.9
35°	3891.0	3905.4	3915.6	3917.7	3960.8	3743.2	3102.9	2425.7	1853.1	1346.3	1013.8
37.5°	4313.7	4342.5	4365.1	4375.3	4377.4	3903.3	3057.8	2265.6	1588.4	1050.7	755.2
40°	4876.1	4906.8	4900.7	4921.2	4804.2	3997.7	2955.2	2033.7	1260.1	771.6	582.8
42.5°	5417.8	5421.9	5430.2	5411.7	5173.6	4047.0	2811.5	1750.5	944.0	576.7	498.7
45°	6023.2	5988.4	5949.4	5920.6	5514.3	4065.4	2614.5	1405.8	667.0	484.3	461.7
47.5°	6591.7	6544.5	6464.5	6382.4	5818.0	4036.7	2362.1	1052.8	506.9	443.3	437.1
50°	7149.9	7061.7	6948.8	6854.4	6109.4	3993.6	2083.0	759.3	443.3	422.8	416.6
52.5°	7841.5	7693.7	7546.0	7422.8	6489.1	3925.9	1789.5	576.7	416.6	406.3	398.1
55°	8789.6	8584.4	8346.3	8174.0	7004.2	3823.3	1481.7	488.4	404.3	396.1	383.8
57.5°	10103.0	9795.2	9526.4	9245.2	7708.1	3718.6	1217.0	453.5	402.2	389.9	373.5
60°	11445.2	11075.8	10733.1	10330.8	8426.4	3613.9	1032.3	449.4	408.4	389.9	365.3
62.5°	12142.9	11761.2	11348.7	10940.3	8736.3	3367.7	905.0	455.6	422.8	396.1	365.3
65°	11982.9	11517.0	11098.4	10681.8	8377.1	2901.8	765.5	463.8	451.5	420.7	371.5
67°	11178.4	10692.0	10289.8	9891.7	7576.8	2429.8	656.7	472.0	482.3	449.4	383.8
67.5°	10895.2	10408.8	10012.7	9624.9	7340.8	2331.3	630.0	476.1	488.4	457.6	387.9
70°	9033.8	8676.7	8256.0	7956.4	5943.2	1725.9	517.2	484.3	525.4	504.8	406.3
72.5°	6501.4	6160.7	5844.7	5678.5	4377.4	1206.7	435.1	476.1	547.9	531.5	414.5
75°	3455.9	3435.4	3320.5	3402.6	2708.9	788.0	383.8	445.3	523.3	486.4	385.8
77.5°	697.8	718.3	843.5	831.1	874.2	439.2	328.4	381.7	404.3	357.1	314.0
80°	324.2	318.1	311.9	316.0	309.9	281.2	266.8	299.6	281.2	229.8	209.3
82.5°	201.1	197.0	190.9	188.8	209.3	223.7	234.0	236.0	186.8	160.1	153.9
85°	96.5	96.5	94.4	98.5	123.1	182.6	197.0	174.4	125.2	114.9	108.8
87.5°	18.5	18.5	20.5	18.5	24.6	43.1	49.3	57.5	47.2	49.3	55.4
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: P151261

CATALOG NUMBER: TLM-E06-LED-E1-SL3-7050

CANDELA DISTRIBUTION (continued):

	165°	175°	180°
0°	2041.9	2041.9	2041.9
2.5°	1980.4	1976.3	1976.3
5°	1939.3	1937.3	1937.3
7.5°	1929.1	1931.1	1929.1
10°	1968.1	1966.0	1974.2
12.5°	2054.3	2060.4	2058.4
15°	2144.6	2148.7	2148.7
17.5°	2171.2	2156.9	2154.8
20°	2101.5	2074.8	2068.6
22.5°	1970.1	1920.9	1922.9
25°	1803.9	1744.4	1748.5
27.5°	1611.0	1547.4	1545.3
30°	1379.1	1309.3	1274.4
32.5°	1100.0	1015.8	1015.8
35°	827.0	759.3	734.7
37.5°	628.0	589.0	576.7
40°	523.3	504.8	500.7
42.5°	476.1	470.0	467.9
45°	451.5	447.4	445.3
47.5°	428.9	426.9	424.8
50°	412.5	410.4	408.4
52.5°	398.1	394.0	392.0
55°	377.6	377.6	377.6
57.5°	365.3	365.3	363.2
60°	353.0	350.9	350.9
62.5°	342.7	338.6	340.7
65°	336.6	330.4	330.4
67°	332.5	320.1	320.1
67.5°	332.5	316.0	316.0
70°	326.3	299.6	295.5
72.5°	320.1	281.2	275.0
75°	303.7	266.8	260.6
77.5°	260.6	238.1	234.0
80°	201.1	174.4	178.5
82.5°	145.7	125.2	123.1
85°	104.7	90.3	90.3
87.5°	55.4	47.2	49.3
90°	0.0	0.0	0.0

(END OF REPORT)