

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: P148968

Luminaire Tested: **TLM-E05-LED-E1-RW-8030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P148968
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33677)
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-RW-8030
Description: TALON MEDIUM LED SITE LUMINAIRE
(5) LIGHTBARS WITH AccuLED OPTICS - RECTANGULAR WIDE
Light Source: (105) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

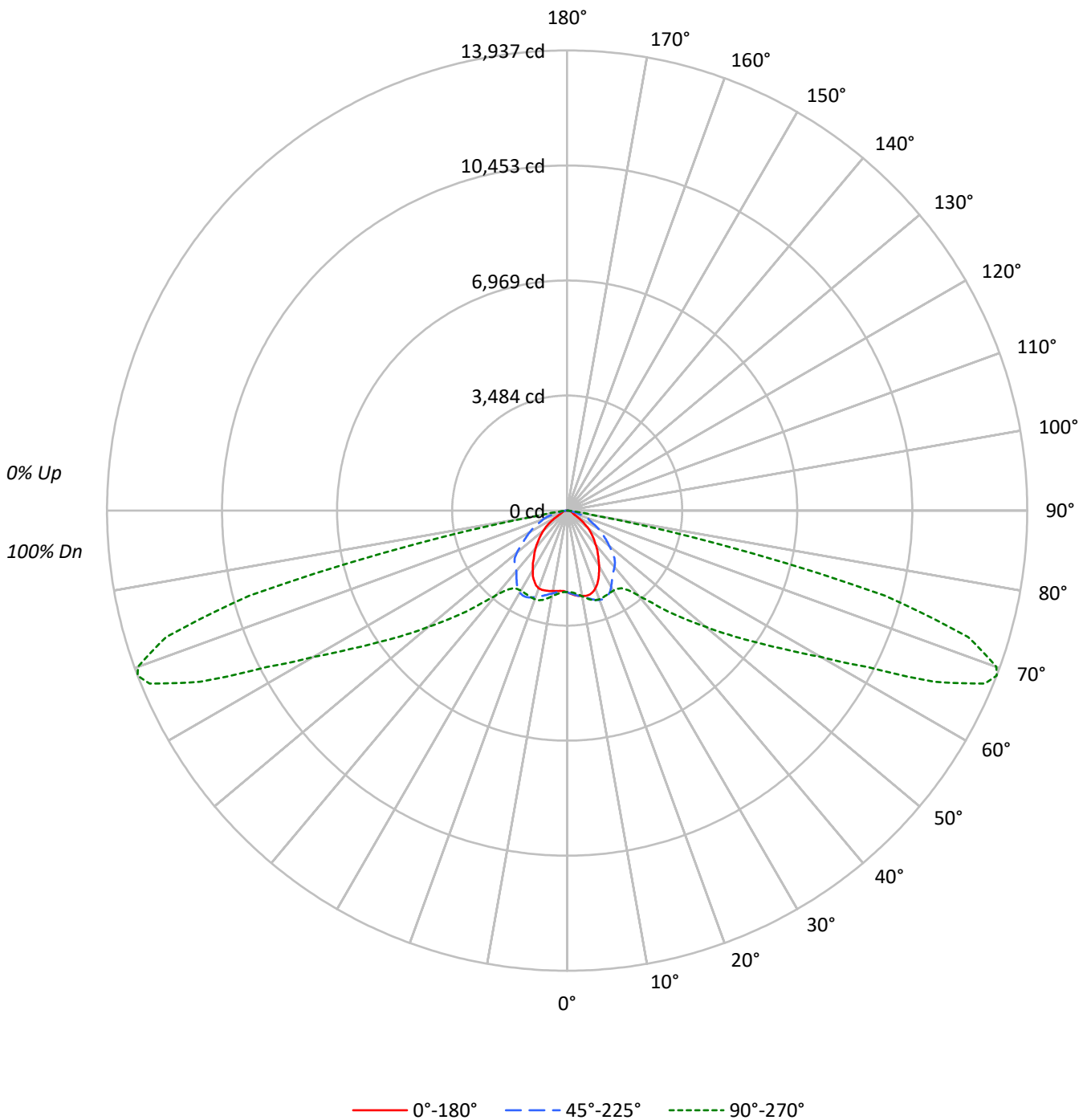
Lumens per Lamp: N/A
Luminaire Lumens: 13182.9 lumens
Efficiency: N/A
Efficacy: 103.6 lumens/watt
Spacing Criteria (0/90/45): 1.2 / 3.07 / 1.6
Luminous Opening: Rectangular (W 0.83' x L: 1' x H: 0')
CIE Type: Direct

Input Watts (W): 127.3
Input Voltage (V): NR
Input Current (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



TEST NUMBER: P148968
CATALOG NUMBER: TLM-E05-LED-E1-RW-8030

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	101	95	91	104	98	93	89	94	90	86	90	87	84	86	84	81	79					79			
2	94	84	76	69	91	82	75	68	79	72	66	75	70	65	72	67	63	61					61			
3	84	72	62	54	81	70	61	54	67	59	52	64	57	51	61	55	51	48					48			
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	47	41	39					39			
5	69	54	44	36	67	53	43	36	51	42	35	49	41	35	47	40	35	32					32			
6	63	48	38	31	61	47	37	30	45	36	30	43	36	30	42	35	29	27					27			
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	38	31	25	23					23			
8	54	39	29	23	52	38	29	23	37	29	23	35	28	23	34	27	22	20					20			
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18					18			
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16					16			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	32034	32034	32034
5°	33457	32613	31771
10°	34602	34714	32620
15°	35392	37563	33655
20°	34535	39428	34614
25°	32224	40396	33674
30°	29006	41938	31154
35°	25766	45453	27859
40°	22717	56557	25099
45°	19864	79252	21930
50°	16715	110483	18816
55°	12053	156796	14789
60°	7187	229598	8829
65°	6475	376183	6475
70°	6613	524620	6719
75°	7050	499298	7401
80°	7147	64295	7775
85°	4598	16115	6488



TEST NUMBER: P148968

CATALOG NUMBER: TLM-E05-LED-E1-RW-8030

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	242.3	1.8
10°-20°	764.3	5.8
20°-30°	1238.3	9.4
30°-40°	1543.2	11.7
40°-50°	1928.4	14.6
50°-60°	2381.2	18.1
60°-70°	2958.8	22.4
70°-80°	1964.2	14.9
80°-90°	162.2	1.2
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°	2244.9	17.0
0°-40°	3788.1	28.7
0°-60°	8097.7	61.4
0°-90°	13182.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	13182.9	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	2470	2470	2470	2470	2470	
5°	2570	2554	2505	2466	2440	247
15°	2636	2771	2798	2660	2507	738
25°	2252	2868	2823	2895	2353	1029
35°	1628	2397	2871	2667	1760	1019
45°	1083	2018	4321	2254	1196	835
55°	533	1366	6935	1601	654	475
65°	211	792	12259	1007	211	213
75°	141	312	9965	406	148	147
85°	31	59	108	77	44	40
90°	0	0	0	0	0	



TEST NUMBER: P148968

CATALOG NUMBER: TLM-E05-LED-E1-RW-8030

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	70°	71°	72°
0°	2470.1	2470.1	2470.1	2470.1	2470.1	2470.1	2470.1	2470.1	2470.1	2470.1	2470.1
2.5°	2526.3	2534.8	2526.3	2526.3	2519.3	2512.3	2508.1	2498.2	2492.6	2489.8	2489.8
5°	2570.0	2568.5	2570.0	2570.0	2562.9	2554.5	2548.9	2540.4	2532.0	2530.6	2529.2
7.5°	2602.3	2600.9	2605.1	2613.6	2609.3	2602.3	2602.3	2593.9	2588.2	2588.2	2585.4
10°	2627.6	2629.0	2637.5	2650.1	2652.9	2651.5	2661.4	2658.6	2655.8	2658.6	2655.8
12.5°	2644.5	2645.9	2657.2	2681.1	2696.6	2706.4	2731.7	2733.1	2734.5	2734.5	2734.5
15°	2636.1	2636.1	2658.6	2703.6	2741.6	2771.1	2803.5	2809.1	2803.5	2807.7	2804.9
17.5°	2586.8	2589.6	2626.2	2695.1	2772.5	2837.2	2872.4	2862.5	2852.7	2852.7	2848.5
20°	2502.4	2508.1	2557.3	2654.4	2776.7	2879.4	2934.3	2901.9	2875.2	2871.0	2866.8
22.5°	2398.3	2394.1	2453.2	2575.6	2744.4	2897.7	2972.3	2932.9	2885.0	2875.2	2868.2
25°	2252.0	2254.9	2316.8	2453.2	2662.8	2868.2	2983.5	2963.8	2907.5	2894.9	2879.4
27.5°	2091.7	2098.7	2164.8	2304.1	2536.2	2795.0	2970.8	2994.8	2951.2	2937.1	2923.0
30°	1937.0	1941.2	2015.7	2164.8	2380.1	2665.6	2937.1	3028.5	3006.0	2994.8	2982.1
32.5°	1772.4	1786.4	1851.2	2020.0	2256.3	2523.5	2885.0	3063.7	3072.1	3065.1	3058.1
35°	1627.5	1638.7	1711.9	1889.1	2136.7	2396.9	2821.7	3101.7	3159.3	3157.9	3156.5
37.5°	1496.7	1499.5	1576.9	1756.9	2018.5	2308.3	2755.6	3163.6	3266.2	3280.3	3297.2
40°	1341.9	1356.0	1436.2	1630.3	1901.8	2232.4	2699.4	3246.6	3415.3	3446.3	3470.2
42.5°	1218.2	1218.2	1289.9	1482.6	1763.9	2145.1	2679.7	3350.6	3592.6	3634.8	3677.0
45°	1083.1	1087.3	1156.3	1332.1	1606.4	2018.5	2676.9	3466.0	3790.9	3851.4	3903.5
47.5°	955.1	957.9	1031.1	1201.3	1443.2	1844.1	2641.7	3594.0	3999.1	4086.3	4144.0
50°	828.5	824.3	894.6	1067.6	1298.3	1664.1	2529.2	3760.0	4257.9	4345.1	4411.3
52.5°	672.4	683.6	759.6	924.2	1156.3	1510.7	2299.9	3923.2	4525.2	4623.7	4713.7
55°	533.1	531.7	617.5	766.6	1002.9	1365.9	2028.4	4038.5	4785.4	4899.4	4999.2
57.5°	382.6	386.8	460.0	607.7	844.0	1236.4	1823.0	4018.8	4986.6	5121.6	5248.2
60°	277.1	285.6	340.4	448.7	673.8	1087.3	1679.5	3790.9	5124.4	5308.7	5462.0
62.5°	233.5	240.5	288.4	347.4	520.5	931.2	1540.3	3425.2	5303.1	5546.4	5768.7
65°	211.0	216.6	264.5	298.2	399.5	791.9	1453.1	3166.4	5538.0	5907.9	6211.8
67.5°	189.9	198.3	240.5	265.9	339.0	707.5	1427.8	3127.0	5583.0	6072.5	6504.4
69°	180.1	188.5	226.5	249.0	319.3	680.8	1379.9	2984.9	5289.0	5815.1	6299.0
70°	174.4	181.5	215.2	239.1	313.7	655.5	1312.4	2776.7	4976.7	5507.0	6027.5
72.5°	160.4	164.6	192.7	216.6	288.4	503.6	994.5	2005.9	3715.0	4239.6	4750.3
75°	140.7	144.9	170.2	194.1	223.7	312.3	603.5	1190.0	2280.2	2633.3	3145.3
77.5°	121.0	125.2	146.3	182.9	177.2	204.0	368.5	711.8	1195.7	1371.5	1699.2
80°	95.7	101.3	122.4	175.8	147.7	161.8	270.1	526.1	727.2	800.4	886.2
82.5°	67.5	70.3	92.8	140.7	111.1	122.4	202.6	437.5	583.8	637.2	662.5
85°	30.9	32.4	54.9	83.0	66.1	59.1	108.3	279.9	386.8	402.3	424.8
87.5°	0.0	0.0	5.6	5.6	11.3	7.0	12.7	35.2	59.1	59.1	71.7
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: P148968

CATALOG NUMBER: TLM-E05-LED-E1-RW-8030

CANDELA DISTRIBUTION (continued):

	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°	83°
0°	2470.1	2470.1	2470.1	2470.1	2470.1	2470.1	2470.1	2470.1	2470.1	2470.1	2470.1
2.5°	2491.2	2489.8	2491.2	2491.2	2492.6	2487.0	2485.6	2484.1	2482.7	2484.1	2481.3
5°	2529.2	2527.8	2527.8	2529.2	2527.8	2523.5	2522.1	2522.1	2517.9	2516.5	2516.5
7.5°	2586.8	2584.0	2579.8	2582.6	2584.0	2582.6	2584.0	2579.8	2579.8	2575.6	2577.0
10°	2658.6	2655.8	2654.4	2657.2	2658.6	2657.2	2658.6	2652.9	2651.5	2650.1	2647.3
12.5°	2737.3	2731.7	2735.9	2735.9	2737.3	2743.0	2735.9	2738.8	2733.1	2733.1	2731.7
15°	2806.3	2804.9	2807.7	2807.7	2806.3	2810.5	2809.1	2810.5	2803.5	2800.6	2807.7
17.5°	2849.9	2845.7	2847.1	2845.7	2845.7	2845.7	2848.5	2848.5	2844.2	2842.8	2845.7
20°	2861.1	2854.1	2852.7	2851.3	2848.5	2848.5	2849.9	2847.1	2844.2	2841.4	2844.2
22.5°	2858.3	2849.9	2841.4	2837.2	2833.0	2827.4	2826.0	2823.1	2818.9	2818.9	2820.3
25°	2868.2	2852.7	2840.0	2831.6	2820.3	2813.3	2807.7	2800.6	2793.6	2789.4	2790.8
27.5°	2901.9	2885.0	2868.2	2851.3	2834.4	2820.3	2809.1	2796.4	2785.2	2776.7	2772.5
30°	2965.2	2942.7	2923.0	2903.3	2882.2	2862.5	2844.2	2824.6	2803.5	2790.8	2779.5
32.5°	3038.4	3022.9	3010.2	2987.7	2965.2	2941.3	2918.8	2901.9	2871.0	2847.1	2827.4
35°	3149.5	3143.9	3136.8	3120.0	3094.6	3082.0	3063.7	3037.0	3000.4	2979.3	2949.7
37.5°	3302.8	3304.2	3298.6	3291.6	3294.4	3270.5	3259.2	3256.4	3219.8	3205.8	3162.2
40°	3491.3	3512.4	3530.7	3530.7	3544.8	3546.2	3543.4	3567.3	3540.5	3546.2	3499.7
42.5°	3700.9	3751.5	3779.7	3800.8	3847.2	3868.3	3903.5	3955.5	3958.3	3985.0	3987.9
45°	3948.5	4004.7	4058.2	4113.0	4174.9	4248.1	4321.2	4374.7	4459.1	4477.4	4537.9
47.5°	4205.9	4287.5	4349.4	4419.7	4525.2	4619.4	4727.8	4837.5	4934.5	5003.5	5042.8
50°	4490.0	4573.0	4663.0	4741.8	4854.4	4986.6	5137.1	5287.6	5412.8	5535.2	5633.6
52.5°	4805.1	4896.6	4981.0	5083.6	5197.6	5355.1	5519.7	5726.5	5893.9	6061.3	6182.2
55°	5107.6	5210.2	5287.6	5418.4	5536.6	5698.3	5902.3	6147.1	6379.2	6581.7	6746.3
57.5°	5370.6	5471.9	5580.2	5692.7	5836.2	5998.0	6248.3	6526.9	6791.3	7057.2	7300.5
60°	5616.8	5753.2	5871.4	6020.5	6163.9	6351.0	6649.2	6993.9	7355.4	7685.9	7929.3
62.5°	5988.1	6162.5	6301.8	6486.1	6685.8	6906.7	7235.8	7615.6	8086.8	8513.1	8891.4
65°	6507.2	6774.4	6999.5	7226.0	7469.3	7773.2	8129.0	8611.5	9132.0	9762.2	10261.5
67.5°	6877.1	7211.9	7503.1	7787.2	8067.1	8403.3	8843.6	9409.1	10082.9	10745.4	11379.8
69°	6728.0	7082.5	7406.0	7688.8	7984.2	8320.3	8749.4	9369.7	10056.2	10784.8	11413.6
70°	6414.3	6796.9	7143.0	7413.1	7715.5	8048.9	8522.9	9115.1	9815.6	10569.6	11185.7
72.5°	5158.2	5561.9	5903.7	6203.3	6519.8	6910.9	7332.9	7901.2	8677.6	9416.1	9964.7
75°	3553.2	3930.2	4317.0	4540.7	4903.6	5182.1	5583.0	6165.4	6813.8	7356.8	7864.6
77.5°	2010.1	2212.7	2505.2	2596.7	2856.9	3042.6	3255.0	3613.7	3951.3	4266.4	4357.8
80°	914.3	853.8	883.4	838.4	887.6	856.7	821.5	841.2	837.0	900.3	841.2
82.5°	658.3	568.3	472.6	407.9	358.7	303.8	258.8	232.1	229.3	240.5	236.3
85°	420.6	384.0	301.0	241.9	185.7	143.5	119.6	108.3	108.3	115.3	113.9
87.5°	73.1	63.3	39.4	33.8	29.5	19.7	12.7	12.7	11.3	14.1	18.3
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: P148968

CATALOG NUMBER: TLM-E05-LED-E1-RW-8030

CANDELA DISTRIBUTION (continued):

	84°	85°	86°	87°	88°	89°	90°	91°	92°	93°	94°
0°	2470.1	2470.1	2470.1	2470.1	2470.1	2470.1	2470.1	2470.1	2470.1	2470.1	2470.1
2.5°	2481.3	2479.9	2477.1	2475.7	2475.7	2472.9	2471.5	2474.3	2475.7	2477.1	2472.9
5°	2516.5	2512.3	2510.9	2512.3	2505.2	2506.7	2505.2	2506.7	2506.7	2506.7	2503.8
7.5°	2572.8	2568.5	2571.4	2568.5	2564.3	2562.9	2562.9	2558.7	2553.1	2551.7	2553.1
10°	2650.1	2644.5	2645.9	2647.3	2643.1	2640.3	2636.1	2630.4	2630.4	2629.0	2626.2
12.5°	2733.1	2730.3	2730.3	2731.7	2730.3	2724.7	2719.1	2716.2	2714.8	2714.8	2714.8
15°	2804.9	2803.5	2804.9	2803.5	2803.5	2800.6	2797.8	2793.6	2792.2	2793.6	2795.0
17.5°	2845.7	2841.4	2845.7	2847.1	2845.7	2845.7	2845.7	2842.8	2841.4	2841.4	2842.8
20°	2848.5	2845.7	2848.5	2852.7	2852.7	2854.1	2856.9	2858.3	2856.9	2859.7	2861.1
22.5°	2820.3	2820.3	2824.6	2828.8	2835.8	2838.6	2844.2	2847.1	2849.9	2854.1	2856.9
25°	2792.2	2790.8	2795.0	2803.5	2809.1	2816.1	2823.1	2828.8	2834.4	2840.0	2845.7
27.5°	2772.5	2771.1	2773.9	2781.0	2788.0	2796.4	2807.7	2816.1	2823.1	2830.2	2834.4
30°	2773.9	2768.3	2766.9	2772.5	2779.5	2789.4	2800.6	2810.5	2820.3	2826.0	2830.2
32.5°	2814.7	2800.6	2795.0	2793.6	2796.4	2803.5	2811.9	2821.7	2828.8	2834.4	2835.8
35°	2920.2	2893.5	2887.9	2869.6	2872.4	2871.0	2871.0	2876.6	2882.2	2882.2	2872.4
37.5°	3134.0	3096.0	3069.3	3051.0	3032.7	3031.3	3028.5	3025.7	3011.6	3003.2	3001.8
40°	3467.4	3451.9	3401.3	3387.2	3356.3	3335.2	3340.8	3329.5	3295.8	3283.1	3277.5
42.5°	3954.1	3962.5	3934.4	3868.3	3841.6	3800.8	3767.0	3761.4	3730.4	3705.1	3685.4
45°	4525.2	4540.7	4519.6	4471.7	4423.9	4362.0	4321.2	4242.5	4211.5	4172.1	4145.4
47.5°	5111.8	5154.0	5120.2	5078.0	5051.3	4954.2	4869.8	4778.4	4732.0	4675.7	4650.4
50°	5694.1	5768.7	5749.0	5709.6	5680.1	5557.7	5476.1	5349.5	5322.8	5266.5	5235.6
52.5°	6276.5	6349.6	6393.2	6356.7	6335.6	6237.1	6180.8	6079.5	6003.6	5968.4	5967.0
55°	6864.5	6982.6	7051.5	7038.9	7003.7	6991.1	6934.8	6924.9	6865.9	6827.9	6777.2
57.5°	7439.8	7565.0	7684.5	7754.9	7784.4	7774.6	7801.3	7798.5	7806.9	7802.7	7719.7
60°	8171.2	8369.6	8544.0	8655.1	8760.6	8833.8	8852.1	8960.4	8929.4	8996.9	8867.5
62.5°	9203.7	9461.1	9725.6	9842.3	9971.8	10209.5	10265.7	10393.7	10413.4	10430.3	10361.4
65°	10642.7	10980.3	11379.8	11558.5	11761.0	12066.3	12259.0	12395.4	12391.2	12298.4	12209.7
67.5°	11870.7	12270.2	12637.4	12948.2	13250.7	13488.4	13690.9	13875.2	13885.1	13827.4	13675.5
69°	11976.2	12394.0	12793.5	13167.7	13467.3	13731.7	13937.1	14080.6	14111.5	14060.9	13920.2
70°	11780.7	12202.7	12637.4	12996.1	13335.1	13615.0	13835.8	13973.7	14015.9	13963.8	13831.6
72.5°	10578.0	10987.4	11312.3	11734.3	12216.8	12392.6	12733.0	12845.5	12949.6	12880.7	12801.9
75°	8286.6	8672.0	9008.2	9227.6	9448.5	9883.1	9964.7	10175.7	10247.5	10179.9	10267.1
77.5°	4317.0	4577.2	4689.8	4513.9	4540.7	4883.9	4689.8	4917.7	5048.5	5086.5	5141.3
80°	825.7	867.9	900.3	889.0	900.3	925.6	860.9	825.7	872.1	862.3	862.3
82.5°	243.4	239.1	239.1	251.8	250.4	256.0	256.0	246.2	253.2	253.2	254.6
85°	111.1	105.5	104.1	105.5	104.1	104.1	108.3	108.3	116.8	109.7	111.1
87.5°	14.1	12.7	14.1	14.1	11.3	11.3	12.7	14.1	14.1	12.7	12.7
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: P148968

CATALOG NUMBER: TLM-E05-LED-E1-RW-8030

CANDELA DISTRIBUTION (continued):

	95°	96°	97°	98°	99°	100°	105°	115°	125°	135°	145°
0°	2470.1	2470.1	2470.1	2470.1	2470.1	2470.1	2470.1	2470.1	2470.1	2470.1	2470.1
2.5°	2471.5	2470.1	2470.1	2470.1	2468.7	2467.3	2465.9	2461.6	2457.4	2456.0	2449.0
5°	2498.2	2499.6	2496.8	2494.0	2494.0	2494.0	2489.8	2478.5	2470.1	2465.9	2456.0
7.5°	2554.5	2551.7	2547.4	2546.0	2543.2	2544.6	2536.2	2522.1	2506.7	2496.8	2481.3
10°	2629.0	2626.2	2623.4	2620.6	2616.4	2616.4	2606.5	2585.4	2561.5	2544.6	2516.5
12.5°	2716.2	2713.4	2710.6	2709.2	2702.2	2700.8	2686.7	2661.4	2630.4	2598.1	2557.3
15°	2796.4	2792.2	2790.8	2786.6	2782.4	2781.0	2768.3	2734.5	2696.6	2660.0	2606.5
17.5°	2847.1	2844.2	2840.0	2837.2	2835.8	2834.4	2816.1	2788.0	2758.4	2721.9	2657.2
20°	2863.9	2865.3	2862.5	2859.7	2855.5	2852.7	2835.8	2809.1	2803.5	2783.8	2717.7
22.5°	2861.1	2861.1	2859.7	2854.1	2851.3	2844.2	2820.3	2807.7	2838.6	2847.1	2762.7
25°	2849.9	2848.5	2844.2	2840.0	2831.6	2821.7	2785.2	2792.2	2879.4	2894.9	2772.5
27.5°	2837.2	2835.8	2828.8	2818.9	2806.3	2792.2	2745.8	2792.2	2917.4	2904.7	2731.7
30°	2830.2	2824.6	2814.7	2800.6	2783.8	2768.3	2717.7	2828.8	2944.1	2871.0	2619.2
32.5°	2831.6	2821.7	2807.7	2789.4	2769.7	2751.4	2716.2	2893.5	2954.0	2789.4	2460.2
35°	2865.3	2849.9	2831.6	2813.3	2793.6	2776.7	2779.5	2983.5	2952.6	2667.0	2306.9
37.5°	2987.7	2961.0	2948.3	2928.6	2900.5	2886.4	2942.7	3083.4	2932.9	2517.9	2171.9
40°	3257.8	3235.3	3217.0	3166.4	3176.2	3165.0	3218.4	3219.8	2907.5	2392.7	2059.3
42.5°	3651.7	3651.7	3612.3	3605.2	3578.5	3591.2	3615.1	3380.2	2882.2	2318.2	1948.2
45°	4115.9	4151.0	4135.6	4131.3	4152.4	4177.8	4068.0	3570.1	2883.6	2253.5	1818.8
47.5°	4667.3	4696.8	4712.3	4737.6	4764.3	4748.9	4522.4	3769.8	2909.0	2160.6	1652.8
50°	5253.8	5325.6	5348.1	5380.4	5404.4	5408.6	4952.8	3975.2	2935.7	1990.4	1472.8
52.5°	5981.1	6048.6	6072.5	6095.0	6076.7	6061.3	5374.8	4218.5	2914.6	1787.9	1319.4
55°	6836.3	6849.0	6844.8	6816.6	6801.2	6716.8	5765.9	4477.4	2750.0	1600.8	1173.1
57.5°	7726.7	7732.4	7681.7	7583.3	7469.3	7389.1	6141.4	4691.2	2401.2	1450.3	1028.3
60°	8873.2	8757.8	8672.0	8521.5	8335.8	8164.2	6543.7	4810.7	2067.8	1305.4	865.1
62.5°	10257.3	10026.6	9840.9	9689.0	9414.7	9112.3	7057.2	4826.2	1865.2	1167.5	679.4
65°	12049.4	11806.0	11489.5	11229.3	10932.5	10524.6	7885.7	4715.1	1765.3	1007.2	496.5
67.5°	13460.2	13214.1	12859.6	12568.4	12185.8	11710.4	8572.1	4521.0	1741.4	862.3	391.0
69°	13706.4	13437.7	13118.4	12754.1	12347.6	11839.8	8598.9	4295.9	1704.9	807.4	358.7
70°	13616.4	13336.5	13028.4	12641.6	12185.8	11664.0	8396.3	4045.5	1631.7	776.5	347.4
72.5°	12606.4	12180.2	11870.7	11540.2	10985.9	10457.0	7228.8	3060.9	1270.2	654.1	324.9
75°	10092.7	9728.4	9379.6	9215.0	8755.0	8306.3	5426.9	1944.0	829.9	406.5	254.6
77.5°	5145.5	5079.4	5179.3	5104.7	4772.8	4772.8	3349.2	1032.5	488.1	244.8	194.1
80°	924.2	963.6	945.3	984.7	915.7	1017.0	1177.4	693.5	346.0	187.1	159.0
82.5°	258.8	261.6	258.8	260.2	268.7	282.7	611.9	596.4	267.3	140.7	123.8
85°	121.0	122.4	125.2	125.2	136.4	139.3	410.7	427.6	156.1	77.4	83.0
87.5°	14.1	18.3	18.3	16.9	19.7	19.7	76.0	85.8	21.1	15.5	25.3
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: P148968

CATALOG NUMBER: TLM-E05-LED-E1-RW-8030

CANDELA DISTRIBUTION (continued):

	155°	165°	175°	180°
0°	2470.1	2470.1	2470.1	2470.1
2.5°	2443.4	2437.7	2432.1	2436.3
5°	2451.8	2443.4	2436.3	2440.5
7.5°	2474.3	2460.2	2458.8	2458.8
10°	2502.4	2482.7	2477.1	2477.1
12.5°	2532.0	2505.2	2495.4	2495.4
15°	2562.9	2524.9	2510.9	2506.7
17.5°	2598.1	2544.6	2519.3	2519.3
20°	2631.8	2547.4	2509.5	2508.1
22.5°	2637.5	2515.1	2460.2	2457.4
25°	2595.3	2439.1	2367.4	2353.3
27.5°	2495.4	2321.0	2245.0	2242.2
30°	2344.9	2166.2	2088.9	2080.4
32.5°	2197.2	2007.3	1935.6	1935.6
35°	2048.1	1862.4	1769.6	1759.7
37.5°	1910.2	1709.1	1626.1	1624.7
40°	1783.6	1575.4	1495.3	1482.6
42.5°	1657.0	1434.8	1343.4	1340.5
45°	1506.5	1281.5	1202.7	1195.7
47.5°	1346.2	1143.6	1060.6	1059.2
50°	1201.3	1015.6	932.6	932.6
52.5°	1069.1	890.4	807.4	799.0
55°	920.0	748.3	663.9	654.1
57.5°	758.2	589.4	513.4	492.3
60°	586.6	429.0	351.7	340.4
62.5°	427.6	313.7	256.0	247.6
65°	322.1	267.3	219.4	211.0
67.5°	277.1	240.5	199.7	191.3
69°	257.4	227.9	191.3	182.9
70°	249.0	219.4	184.3	177.2
72.5°	229.3	201.2	168.8	166.0
75°	209.6	182.9	151.9	147.7
77.5°	202.6	159.0	130.8	128.0
80°	206.8	129.4	106.9	104.1
82.5°	168.8	104.1	83.0	78.8
85°	105.5	70.3	43.6	43.6
87.5°	26.7	22.5	12.7	12.7
90°	0.0	0.0	0.0	0.0

(END OF REPORT)