

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: P148975

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

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-41-14  
Report Number: P148975  
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-F05-LED-E1-RW  
Description: TALON MEDIUM LED SITE LUMINAIRE  
(5) LIGHTBARS WITH AccuLED OPTICS - RECTANGULAR WIDE  
Light Source: (35) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

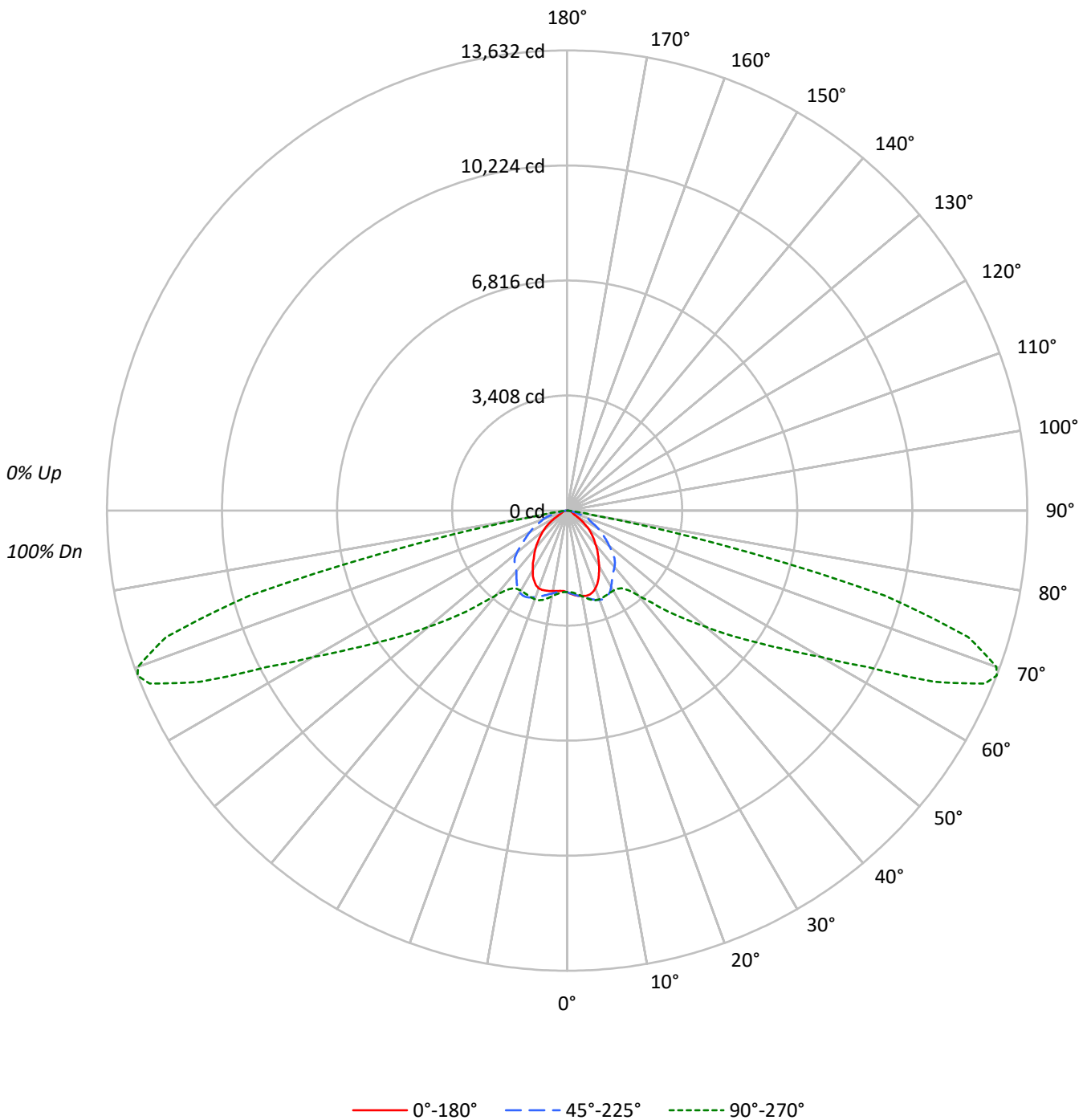
Lumens per Lamp: N/A  
Luminaire Lumens: 12894.5 lumens  
Efficiency: N/A  
Efficacy: 96.7 lumens/watt  
Spacing Criteria (0/90/45): 1.2 / 3.07 / 1.6  
Luminous Opening: Rectangular (W 0.83' x L: 1' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 133.3  
Input Voltage (V): NR  
Input Current (Ain): 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-RW

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

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

	0°	90°	180°
0°	31332	31332	31332
5°	32724	31900	31076
10°	33845	33954	31906
15°	34618	36742	32918
20°	33780	38565	33856
25°	31520	39514	32937
30°	28371	41022	30472
35°	25202	44459	27250
40°	22221	55320	24551
45°	19430	77519	21449
50°	16350	108066	18404
55°	11791	153366	14466
60°	7029	224574	8637
65°	6334	367950	6334
70°	6469	513142	6575
75°	6895	488375	7240
80°	6990	62883	7603
85°	4509	15758	6354



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	237.0	1.8
10°-20°	747.6	5.8
20°-30°	1211.2	9.4
30°-40°	1509.5	11.7
40°-50°	1886.2	14.6
50°-60°	2329.1	18.1
60°-70°	2894.0	22.4
70°-80°	1921.3	14.9
80°-90°	158.6	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°	2195.8	17.0
0°-40°	3705.2	28.7
0°-60°	7920.6	61.4
0°-90°	12894.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	12894.5	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	2416	2416	2416	2416	2416	
5°	2514	2499	2450	2412	2387	241
15°	2578	2710	2737	2602	2452	721
25°	2203	2805	2761	2832	2302	1007
35°	1592	2344	2808	2609	1721	997
45°	1059	1974	4227	2204	1170	817
55°	522	1336	6783	1566	640	465
65°	206	775	11991	985	206	208
75°	138	305	9747	398	144	144
85°	30	58	106	76	43	39
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	70°	71°	72°
0°	2416.0	2416.0	2416.0	2416.0	2416.0	2416.0	2416.0	2416.0	2416.0	2416.0	2416.0
2.5°	2471.1	2479.3	2471.1	2471.1	2464.2	2457.3	2453.2	2443.6	2438.1	2435.3	2435.3
5°	2513.7	2512.3	2513.7	2513.7	2506.8	2498.6	2493.1	2484.8	2476.6	2475.2	2473.8
7.5°	2545.4	2544.0	2548.1	2556.4	2552.2	2545.4	2545.4	2537.1	2531.6	2531.6	2528.9
10°	2570.1	2571.5	2579.8	2592.1	2594.9	2593.5	2603.2	2600.4	2597.7	2600.4	2597.7
12.5°	2586.6	2588.0	2599.0	2622.4	2637.6	2647.2	2671.9	2673.3	2674.7	2674.7	2674.7
15°	2578.4	2578.4	2600.4	2644.4	2681.6	2710.5	2742.1	2747.6	2742.1	2746.2	2743.5
17.5°	2530.2	2533.0	2568.8	2636.2	2711.8	2775.1	2809.5	2799.9	2790.3	2790.3	2786.1
20°	2447.7	2453.2	2501.3	2596.3	2716.0	2816.4	2870.1	2838.4	2812.3	2808.2	2804.0
22.5°	2345.9	2341.7	2399.5	2519.2	2684.3	2834.3	2907.2	2868.7	2821.9	2812.3	2805.4
25°	2202.8	2205.5	2266.1	2399.5	2604.5	2805.4	2918.2	2899.0	2843.9	2831.6	2816.4
27.5°	2045.9	2052.8	2117.5	2253.7	2480.7	2733.9	2905.8	2929.2	2886.6	2872.8	2859.1
30°	1894.6	1898.7	1971.6	2117.5	2328.0	2607.3	2872.8	2962.3	2940.2	2929.2	2916.9
32.5°	1733.6	1747.4	1810.7	1975.8	2206.9	2468.3	2821.9	2996.7	3004.9	2998.0	2991.2
35°	1591.9	1602.9	1674.4	1847.8	2090.0	2344.5	2760.0	3033.8	3090.2	3088.8	3087.5
37.5°	1463.9	1466.7	1542.4	1718.5	1974.4	2257.8	2695.3	3094.3	3194.8	3208.5	3225.1
40°	1312.6	1326.3	1404.8	1594.6	1860.2	2183.5	2640.3	3175.5	3340.6	3370.9	3394.3
42.5°	1191.5	1191.5	1261.7	1450.2	1725.3	2098.2	2621.0	3277.3	3514.0	3555.3	3596.5
45°	1059.4	1063.6	1131.0	1303.0	1571.2	1974.4	2618.3	3390.2	3708.0	3767.1	3818.1
47.5°	934.2	937.0	1008.5	1175.0	1411.6	1803.8	2583.9	3515.4	3911.6	3996.9	4053.3
50°	810.4	806.3	875.1	1044.3	1269.9	1627.7	2473.8	3677.7	4164.8	4250.1	4314.7
52.5°	657.7	668.7	743.0	903.9	1131.0	1477.7	2249.6	3837.3	4426.2	4522.5	4610.6
55°	521.5	520.1	604.0	749.9	981.0	1336.0	1984.0	3950.1	4680.7	4792.2	4889.9
57.5°	374.2	378.4	449.9	594.4	825.5	1209.4	1783.1	3930.9	4877.5	5009.6	5133.4
60°	271.0	279.3	333.0	438.9	659.0	1063.6	1642.8	3708.0	5012.3	5192.6	5342.5
62.5°	228.4	235.3	282.1	339.8	509.1	910.8	1506.6	3350.3	5187.0	5425.1	5642.5
65°	206.4	211.9	258.7	291.7	390.7	774.6	1421.3	3097.1	5416.8	5778.7	6075.9
67.5°	185.7	194.0	235.3	260.0	331.6	692.1	1396.5	3058.6	5460.8	5939.7	6362.0
69°	176.1	184.4	221.5	243.5	312.3	665.9	1349.7	2919.6	5173.3	5687.9	6161.2
70°	170.6	177.5	210.5	233.9	306.8	641.2	1283.7	2716.0	4867.8	5386.6	5895.6
72.5°	156.8	161.0	188.5	211.9	282.1	492.6	972.7	1962.0	3633.7	4146.9	4646.3
75°	137.6	141.7	166.5	189.9	218.8	305.4	590.3	1164.0	2230.3	2575.6	3076.5
77.5°	118.3	122.5	143.1	178.9	173.4	199.5	360.5	696.2	1169.5	1341.5	1662.1
80°	93.6	99.1	119.7	172.0	144.5	158.2	264.2	514.6	711.3	782.9	866.8
82.5°	66.0	68.8	90.8	137.6	108.7	119.7	198.1	427.9	571.0	623.3	648.0
85°	30.3	31.6	53.7	81.2	64.7	57.8	105.9	273.8	378.4	393.5	415.5
87.5°	0.0	0.0	5.5	5.5	11.0	6.9	12.4	34.4	57.8	57.8	70.2
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):**

	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°	83°
0°	2416.0	2416.0	2416.0	2416.0	2416.0	2416.0	2416.0	2416.0	2416.0	2416.0	2416.0
2.5°	2436.7	2435.3	2436.7	2436.7	2438.1	2432.5	2431.2	2429.8	2428.4	2429.8	2427.0
5°	2473.8	2472.4	2472.4	2473.8	2472.4	2468.3	2466.9	2466.9	2462.8	2461.4	2461.4
7.5°	2530.2	2527.5	2523.4	2526.1	2527.5	2526.1	2527.5	2523.4	2523.4	2519.2	2520.6
10°	2600.4	2597.7	2596.3	2599.0	2600.4	2599.0	2600.4	2594.9	2593.5	2592.1	2589.4
12.5°	2677.5	2671.9	2676.1	2676.1	2677.5	2683.0	2676.1	2678.8	2673.3	2673.3	2671.9
15°	2744.9	2743.5	2746.2	2746.2	2744.9	2749.0	2747.6	2749.0	2742.1	2739.4	2746.2
17.5°	2787.5	2783.4	2784.8	2783.4	2783.4	2783.4	2786.1	2786.1	2782.0	2780.6	2783.4
20°	2798.5	2791.7	2790.3	2788.9	2786.1	2786.1	2787.5	2784.8	2782.0	2779.3	2782.0
22.5°	2795.8	2787.5	2779.3	2775.1	2771.0	2765.5	2764.1	2761.4	2757.3	2757.3	2758.6
25°	2805.4	2790.3	2777.9	2769.6	2758.6	2751.7	2746.2	2739.4	2732.5	2728.4	2729.7
27.5°	2838.4	2821.9	2805.4	2788.9	2772.4	2758.6	2747.6	2735.2	2724.2	2716.0	2711.8
30°	2900.3	2878.3	2859.1	2839.8	2819.2	2799.9	2782.0	2762.8	2742.1	2729.7	2718.7
32.5°	2971.9	2956.8	2944.4	2922.4	2900.3	2877.0	2854.9	2838.4	2808.2	2784.8	2765.5
35°	3080.6	3075.1	3068.2	3051.7	3026.9	3014.5	2996.7	2970.5	2934.7	2914.1	2885.2
37.5°	3230.6	3231.9	3226.4	3219.5	3222.3	3198.9	3187.9	3185.2	3149.4	3135.6	3093.0
40°	3414.9	3435.6	3453.4	3453.4	3467.2	3468.6	3465.8	3489.2	3463.1	3468.6	3423.2
42.5°	3619.9	3669.5	3697.0	3717.6	3763.0	3783.7	3818.1	3869.0	3871.7	3897.9	3900.6
45°	3862.1	3917.1	3969.4	4023.1	4083.6	4155.1	4226.7	4279.0	4361.5	4379.4	4438.6
47.5°	4113.9	4193.7	4254.2	4323.0	4426.2	4518.4	4624.3	4731.6	4826.6	4894.0	4932.5
50°	4391.8	4473.0	4561.0	4638.1	4748.1	4877.5	5024.7	5171.9	5294.4	5414.1	5510.4
52.5°	4700.0	4789.4	4872.0	4972.4	5083.9	5238.0	5398.9	5601.2	5764.9	5928.6	6047.0
55°	4995.8	5096.2	5171.9	5299.9	5415.4	5573.7	5773.2	6012.6	6239.6	6437.7	6598.7
57.5°	5253.1	5352.2	5458.1	5568.2	5708.5	5866.7	6111.6	6384.1	6642.7	6902.8	7140.8
60°	5493.9	5627.3	5742.9	5888.7	6029.1	6212.1	6503.8	6840.8	7194.4	7517.8	7755.8
62.5°	5857.1	6027.7	6163.9	6344.2	6539.5	6755.5	7077.5	7449.0	7909.9	8326.8	8696.9
65°	6364.8	6626.2	6846.4	7067.9	7305.9	7603.1	7951.2	8423.1	8932.2	9548.6	10037.0
67.5°	6726.7	7054.1	7338.9	7616.8	7890.6	8219.5	8650.1	9203.2	9862.3	10510.3	11130.8
69°	6580.8	6927.5	7244.0	7520.5	7809.5	8138.3	8557.9	9164.7	9836.1	10548.8	11163.8
70°	6274.0	6648.2	6986.7	7250.9	7546.7	7872.8	8336.4	8915.7	9600.9	10338.3	10941.0
72.5°	5045.3	5440.2	5774.5	6067.6	6377.2	6759.7	7172.4	7728.3	8487.8	9210.1	9746.7
75°	3475.5	3844.2	4222.6	4441.3	4796.3	5068.7	5460.8	6030.5	6664.7	7195.8	7692.5
77.5°	1966.1	2164.3	2450.4	2539.9	2794.4	2976.0	3183.8	3534.6	3864.8	4173.0	4262.5
80°	894.3	835.2	864.0	820.0	868.2	837.9	803.5	822.8	818.6	880.6	822.8
82.5°	643.9	555.9	462.3	399.0	350.8	297.2	253.2	227.0	224.3	235.3	231.1
85°	411.4	375.6	294.4	236.7	181.6	140.3	116.9	105.9	105.9	112.8	111.4
87.5°	71.5	61.9	38.5	33.0	28.9	19.3	12.4	12.4	11.0	13.8	17.9
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):**

	84°	85°	86°	87°	88°	89°	90°	91°	92°	93°	94°
0°	2416.0	2416.0	2416.0	2416.0	2416.0	2416.0	2416.0	2416.0	2416.0	2416.0	2416.0
2.5°	2427.0	2425.7	2422.9	2421.5	2421.5	2418.8	2417.4	2420.2	2421.5	2422.9	2418.8
5°	2461.4	2457.3	2455.9	2457.3	2450.4	2451.8	2450.4	2451.8	2451.8	2451.8	2449.1
7.5°	2516.5	2512.3	2515.1	2512.3	2508.2	2506.8	2506.8	2502.7	2497.2	2495.8	2497.2
10°	2592.1	2586.6	2588.0	2589.4	2585.3	2582.5	2578.4	2572.9	2572.9	2571.5	2568.8
12.5°	2673.3	2670.6	2670.6	2671.9	2670.6	2665.1	2659.6	2656.8	2655.4	2655.4	2655.4
15°	2743.5	2742.1	2743.5	2742.1	2742.1	2739.4	2736.6	2732.5	2731.1	2732.5	2733.9
17.5°	2783.4	2779.3	2783.4	2784.8	2783.4	2783.4	2783.4	2780.6	2779.3	2779.3	2780.6
20°	2786.1	2783.4	2786.1	2790.3	2790.3	2791.7	2794.4	2795.8	2794.4	2797.2	2798.5
22.5°	2758.6	2758.6	2762.8	2766.9	2773.8	2776.5	2782.0	2784.8	2787.5	2791.7	2794.4
25°	2731.1	2729.7	2733.9	2742.1	2747.6	2754.5	2761.4	2766.9	2772.4	2777.9	2783.4
27.5°	2711.8	2710.5	2713.2	2720.1	2727.0	2735.2	2746.2	2754.5	2761.4	2768.3	2772.4
30°	2713.2	2707.7	2706.3	2711.8	2718.7	2728.4	2739.4	2749.0	2758.6	2764.1	2768.3
32.5°	2753.1	2739.4	2733.9	2732.5	2735.2	2742.1	2750.4	2760.0	2766.9	2772.4	2773.8
35°	2856.3	2830.2	2824.7	2806.8	2809.5	2808.2	2808.2	2813.7	2819.2	2819.2	2809.5
37.5°	3065.4	3028.3	3002.2	2984.3	2966.4	2965.0	2962.3	2959.5	2945.7	2937.5	2936.1
40°	3391.5	3376.4	3326.9	3313.1	3282.8	3262.2	3267.7	3256.7	3223.7	3211.3	3205.8
42.5°	3867.6	3875.8	3848.3	3783.7	3757.5	3717.6	3684.6	3679.1	3648.8	3624.1	3604.8
45°	4426.2	4441.3	4420.7	4373.9	4327.1	4266.6	4226.7	4149.6	4119.4	4080.8	4054.7
47.5°	4999.9	5041.2	5008.2	4966.9	4940.8	4845.8	4763.3	4673.8	4628.4	4573.4	4548.6
50°	5569.5	5642.5	5623.2	5584.7	5555.8	5436.1	5356.3	5232.5	5206.3	5151.3	5121.0
52.5°	6139.2	6210.7	6253.4	6217.6	6196.9	6100.6	6045.6	5946.5	5872.2	5837.8	5836.5
55°	6714.3	6829.8	6897.3	6884.9	6850.5	6838.1	6783.1	6773.4	6715.6	6678.5	6629.0
57.5°	7277.0	7399.5	7516.4	7585.2	7614.1	7604.5	7630.6	7627.9	7636.1	7632.0	7550.8
60°	7992.5	8186.5	8357.1	8465.8	8568.9	8640.5	8658.4	8764.3	8734.1	8800.1	8673.5
62.5°	9002.3	9254.1	9512.8	9627.0	9753.6	9986.1	10041.1	10166.3	10185.6	10202.1	10134.7
65°	10409.9	10740.1	11130.8	11305.6	11503.7	11802.3	11990.7	12124.2	12120.1	12029.3	11942.6
67.5°	11611.0	12001.8	12360.9	12664.9	12960.7	13193.3	13391.4	13571.6	13581.3	13524.9	13376.3
69°	11714.2	12122.8	12513.6	12879.6	13172.6	13431.3	13632.2	13772.5	13802.8	13753.2	13615.7
70°	11523.0	11935.7	12360.9	12711.7	13043.3	13317.1	13533.1	13667.9	13709.2	13658.3	13529.0
72.5°	10346.6	10747.0	11064.8	11477.5	11949.5	12121.5	12454.4	12564.5	12666.3	12598.9	12521.8
75°	8105.3	8482.3	8811.1	9025.7	9241.8	9666.9	9746.7	9953.1	10023.2	9957.2	10042.5
77.5°	4222.6	4477.1	4587.2	4415.2	4441.3	4777.0	4587.2	4810.1	4938.0	4975.2	5028.8
80°	807.6	848.9	880.6	869.6	880.6	905.3	842.0	807.6	853.0	843.4	843.4
82.5°	238.0	233.9	233.9	246.3	244.9	250.4	250.4	240.8	247.7	247.7	249.0
85°	108.7	103.2	101.8	103.2	101.8	101.8	105.9	105.9	114.2	107.3	108.7
87.5°	13.8	12.4	13.8	13.8	11.0	11.0	12.4	13.8	13.8	12.4	12.4
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):**

	95°	96°	97°	98°	99°	100°	105°	115°	125°	135°	145°
0°	2416.0	2416.0	2416.0	2416.0	2416.0	2416.0	2416.0	2416.0	2416.0	2416.0	2416.0
2.5°	2417.4	2416.0	2416.0	2416.0	2414.7	2413.3	2411.9	2407.8	2403.7	2402.3	2395.4
5°	2443.6	2444.9	2442.2	2439.4	2439.4	2439.4	2435.3	2424.3	2416.0	2411.9	2402.3
7.5°	2498.6	2495.8	2491.7	2490.3	2487.6	2489.0	2480.7	2466.9	2451.8	2442.2	2427.0
10°	2571.5	2568.8	2566.0	2563.3	2559.1	2559.1	2549.5	2528.9	2505.5	2489.0	2461.4
12.5°	2656.8	2654.1	2651.3	2649.9	2643.1	2641.7	2627.9	2603.2	2572.9	2541.2	2501.3
15°	2735.2	2731.1	2729.7	2725.6	2721.5	2720.1	2707.7	2674.7	2637.6	2601.8	2549.5
17.5°	2784.8	2782.0	2777.9	2775.1	2773.8	2772.4	2754.5	2727.0	2698.1	2662.3	2599.0
20°	2801.3	2802.7	2799.9	2797.2	2793.0	2790.3	2773.8	2747.6	2742.1	2722.9	2658.2
22.5°	2798.5	2798.5	2797.2	2791.7	2788.9	2782.0	2758.6	2746.2	2776.5	2784.8	2702.2
25°	2787.5	2786.1	2782.0	2777.9	2769.6	2760.0	2724.2	2731.1	2816.4	2831.6	2711.8
27.5°	2775.1	2773.8	2766.9	2757.3	2744.9	2731.1	2685.7	2731.1	2853.6	2841.2	2671.9
30°	2768.3	2762.8	2753.1	2739.4	2722.9	2707.7	2658.2	2766.9	2879.7	2808.2	2561.9
32.5°	2769.6	2760.0	2746.2	2728.4	2709.1	2691.2	2656.8	2830.2	2889.3	2728.4	2406.4
35°	2802.7	2787.5	2769.6	2751.7	2732.5	2716.0	2718.7	2918.2	2888.0	2608.7	2256.4
37.5°	2922.4	2896.2	2883.8	2864.6	2837.1	2823.3	2878.3	3015.9	2868.7	2462.8	2124.4
40°	3186.5	3164.5	3146.6	3097.1	3106.7	3095.7	3148.0	3149.4	2843.9	2340.4	2014.3
42.5°	3571.8	3571.8	3533.2	3526.4	3500.2	3512.6	3536.0	3306.2	2819.2	2267.4	1905.6
45°	4025.8	4060.2	4045.1	4040.9	4061.6	4086.3	3979.0	3492.0	2820.5	2204.2	1779.0
47.5°	4565.2	4594.0	4609.2	4633.9	4660.1	4645.0	4423.4	3687.3	2845.3	2113.3	1616.7
50°	5138.9	5209.1	5231.1	5262.7	5286.1	5290.2	4844.5	3888.2	2871.5	1946.9	1440.5
52.5°	5850.2	5916.3	5939.7	5961.7	5943.8	5928.6	5257.2	4126.2	2850.8	1748.7	1290.6
55°	6686.8	6699.1	6695.0	6667.5	6652.4	6569.8	5639.7	4379.4	2689.8	1565.7	1147.5
57.5°	7557.7	7563.2	7513.7	7417.3	7305.9	7227.5	6007.1	4588.5	2348.6	1418.5	1005.8
60°	8679.0	8566.2	8482.3	8335.0	8153.4	7985.6	6400.6	4705.5	2022.5	1276.8	846.2
62.5°	10032.9	9807.2	9625.6	9477.0	9208.7	8912.9	6902.8	4720.6	1824.4	1142.0	664.5
65°	11785.7	11547.7	11238.1	10983.6	10693.3	10294.3	7713.2	4611.9	1726.7	985.1	485.7
67.5°	13165.7	12925.0	12578.2	12293.4	11919.2	11454.2	8384.6	4422.1	1703.3	843.4	382.5
69°	13406.5	13143.7	12831.4	12475.1	12077.4	11580.7	8410.7	4201.9	1667.6	789.8	350.8
70°	13318.5	13044.7	12743.4	12365.0	11919.2	11408.8	8212.6	3957.0	1596.0	759.5	339.8
72.5°	12330.6	11913.7	11611.0	11287.7	10745.6	10228.3	7070.6	2993.9	1242.4	639.8	317.8
75°	9871.9	9515.6	9174.3	9013.4	8563.4	8124.5	5308.1	1901.5	811.8	397.6	249.0
77.5°	5033.0	4968.3	5066.0	4993.0	4668.3	4668.3	3276.0	1009.9	477.4	239.4	189.9
80°	903.9	942.5	924.6	963.1	895.7	994.8	1151.6	678.3	338.5	183.0	155.5
82.5°	253.2	255.9	253.2	254.5	262.8	276.6	598.5	583.4	261.4	137.6	121.1
85°	118.3	119.7	122.5	122.5	133.5	136.2	401.8	418.3	152.7	75.7	81.2
87.5°	13.8	17.9	17.9	16.5	19.3	19.3	74.3	83.9	20.6	15.1	24.8
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: P148975

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

**CANDELA DISTRIBUTION (continued):**

	155°	165°	175°	180°
0°	2416.0	2416.0	2416.0	2416.0
2.5°	2389.9	2384.4	2378.9	2383.0
5°	2398.1	2389.9	2383.0	2387.1
7.5°	2420.2	2406.4	2405.0	2405.0
10°	2447.7	2428.4	2422.9	2422.9
12.5°	2476.6	2450.4	2440.8	2440.8
15°	2506.8	2469.7	2455.9	2451.8
17.5°	2541.2	2489.0	2464.2	2464.2
20°	2574.3	2491.7	2454.6	2453.2
22.5°	2579.8	2460.1	2406.4	2403.7
25°	2538.5	2385.8	2315.6	2301.8
27.5°	2440.8	2270.2	2195.9	2193.1
30°	2293.6	2118.8	2043.2	2034.9
32.5°	2149.1	1963.4	1893.2	1893.2
35°	2003.3	1821.7	1730.9	1721.2
37.5°	1868.4	1671.7	1590.5	1589.1
40°	1744.6	1541.0	1462.6	1450.2
42.5°	1620.8	1403.4	1314.0	1311.2
45°	1473.6	1253.4	1176.4	1169.5
47.5°	1316.7	1118.6	1037.4	1036.0
50°	1175.0	993.4	912.2	912.2
52.5°	1045.7	870.9	789.8	781.5
55°	899.8	732.0	649.4	639.8
57.5°	741.6	576.5	502.2	481.6
60°	573.7	419.6	344.0	333.0
62.5°	418.3	306.8	250.4	242.2
65°	315.1	261.4	214.6	206.4
67.5°	271.0	235.3	195.4	187.1
69°	251.8	222.9	187.1	178.9
70°	243.5	214.6	180.2	173.4
72.5°	224.3	196.8	165.1	162.4
75°	205.0	178.9	148.6	144.5
77.5°	198.1	155.5	128.0	125.2
80°	202.3	126.6	104.6	101.8
82.5°	165.1	101.8	81.2	77.0
85°	103.2	68.8	42.7	42.7
87.5°	26.1	22.0	12.4	12.4
90°	0.0	0.0	0.0	0.0

(END OF REPORT)