

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: P148971

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

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-41-14  
Report Number: P148971  
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-7050  
Description: TALON MEDIUM LED SITE LUMINAIRE  
(5) LIGHTBARS WITH AccuLED OPTICS - RECTANGULAR WIDE  
Light Source: (105) 5000K CCT, 70 CRI LEDs  
Ballast/Driver: -

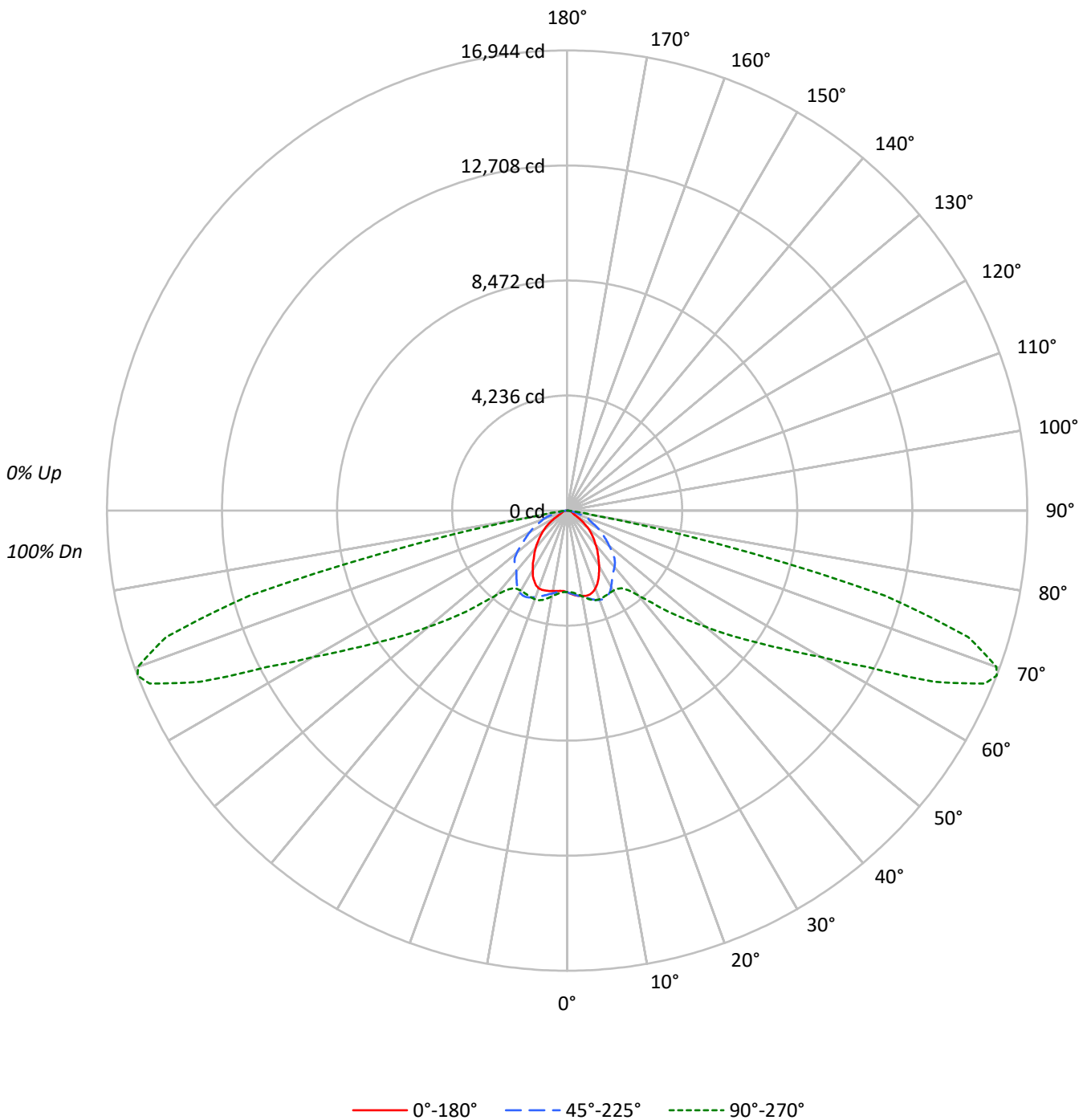
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 16027.4 lumens  
Efficiency: N/A  
Efficacy: 125.9 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<sub>in</sub>): 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-RW-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	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°	38946	38946	38946
5°	40675	39651	38627
10°	42069	42204	39659
15°	43029	45669	40916
20°	41988	47936	42082
25°	39179	49114	40940
30°	35264	50989	37876
35°	31326	55261	33870
40°	27620	68762	30515
45°	24151	96355	26660
50°	20323	134323	22875
55°	14656	190630	17979
60°	8738	279138	10735
65°	7871	457354	7871
70°	8042	637823	8171
75°	8568	607038	8999
80°	8686	78163	9455
85°	5595	19597	7886



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	294.6	1.8
10°-20°	929.2	5.8
20°-30°	1505.5	9.4
30°-40°	1876.2	11.7
40°-50°	2344.5	14.6
50°-60°	2895.0	18.1
60°-70°	3597.2	22.4
70°-80°	2388.1	14.9
80°-90°	197.2	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°	2729.3	17.0
0°-40°	4605.5	28.7
0°-60°	9845.0	61.4
0°-90°	16027.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	16027.4	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	3003	3003	3003	3003	3003	
5°	3124	3106	3046	2998	2967	300
15°	3205	3369	3402	3234	3048	897
25°	2738	3487	3432	3520	2861	1251
35°	1979	2914	3490	3242	2139	1239
45°	1317	2454	5254	2740	1454	1015
55°	648	1661	8431	1946	795	578
65°	256	963	14904	1224	256	259
75°	171	380	12115	494	180	179
85°	38	72	132	94	53	48
90°	0	0	0	0	0	



TEST NUMBER: P148971

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

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	70°	71°	72°
0°	3003.1	3003.1	3003.1	3003.1	3003.1	3003.1	3003.1	3003.1	3003.1	3003.1	3003.1
2.5°	3071.5	3081.7	3071.5	3071.5	3062.9	3054.4	3049.2	3037.3	3030.4	3027.0	3027.0
5°	3124.5	3122.8	3124.5	3124.5	3115.9	3105.7	3098.8	3088.6	3078.3	3076.6	3074.9
7.5°	3163.8	3162.1	3167.2	3177.5	3172.4	3163.8	3163.8	3153.6	3146.7	3146.7	3143.3
10°	3194.6	3196.3	3206.6	3222.0	3225.4	3223.7	3235.7	3232.2	3228.8	3232.2	3228.8
12.5°	3215.1	3216.8	3230.5	3259.6	3278.4	3290.4	3321.2	3322.9	3324.6	3324.6	3324.6
15°	3204.9	3204.9	3232.2	3287.0	3333.1	3369.0	3408.4	3415.2	3408.4	3413.5	3410.1
17.5°	3145.0	3148.4	3192.9	3276.7	3370.8	3449.4	3492.2	3480.2	3468.2	3468.2	3463.1
20°	3042.4	3049.2	3109.1	3227.1	3375.9	3500.7	3567.4	3528.1	3495.6	3490.5	3485.3
22.5°	2915.8	2910.7	2982.5	3131.3	3336.6	3523.0	3613.6	3565.7	3507.6	3495.6	3487.0
25°	2738.0	2741.4	2816.7	2982.5	3237.4	3487.0	3627.3	3603.3	3534.9	3519.5	3500.7
27.5°	2543.0	2551.6	2632.0	2801.3	3083.4	3398.1	3611.9	3641.0	3587.9	3570.8	3553.7
30°	2354.9	2360.0	2450.7	2632.0	2893.6	3240.8	3570.8	3682.0	3654.6	3641.0	3625.6
32.5°	2154.8	2171.9	2250.6	2455.8	2743.1	3068.1	3507.6	3724.8	3735.0	3726.5	3717.9
35°	1978.7	1992.4	2081.3	2296.8	2597.8	2914.1	3430.6	3770.9	3841.1	3839.3	3837.6
37.5°	1819.6	1823.0	1917.1	2136.0	2454.1	2806.4	3350.2	3846.2	3971.0	3988.1	4008.7
40°	1631.5	1648.6	1746.1	1982.1	2312.2	2714.0	3281.8	3947.1	4152.3	4189.9	4219.0
42.5°	1481.0	1481.0	1568.2	1802.5	2144.6	2608.0	3257.9	4073.6	4367.8	4419.1	4470.4
45°	1316.8	1322.0	1405.8	1619.5	1953.0	2454.1	3254.5	4213.9	4608.9	4682.5	4745.7
47.5°	1161.2	1164.6	1253.6	1460.5	1754.6	2242.0	3211.7	4369.5	4862.0	4968.1	5038.2
50°	1007.3	1002.2	1087.7	1298.0	1578.5	2023.1	3074.9	4571.3	5176.7	5282.7	5363.1
52.5°	817.5	831.1	923.5	1123.6	1405.8	1836.7	2796.1	4769.7	5501.6	5621.3	5730.8
55°	648.2	646.4	750.8	932.0	1219.4	1660.6	2466.1	4909.9	5818.0	5956.5	6078.0
57.5°	465.2	470.3	559.2	738.8	1026.1	1503.2	2216.4	4886.0	6062.6	6226.7	6380.7
60°	336.9	347.2	413.9	545.5	819.2	1322.0	2041.9	4608.9	6230.2	6454.2	6640.6
62.5°	283.9	292.4	350.6	422.4	632.8	1132.1	1872.6	4164.3	6447.4	6743.2	7013.4
65°	256.5	263.4	321.5	362.6	485.7	962.8	1766.6	3849.6	6733.0	7182.7	7552.1
67.5°	230.9	241.1	292.4	323.2	412.2	860.2	1735.8	3801.7	6787.7	7382.8	7907.9
69°	218.9	229.2	275.3	302.7	388.2	827.7	1677.7	3629.0	6430.3	7069.9	7658.2
70°	212.1	220.6	261.7	290.7	381.4	796.9	1595.6	3375.9	6050.6	6695.3	7328.1
72.5°	195.0	200.1	234.3	263.4	350.6	612.2	1209.1	2438.7	4516.6	5154.5	5775.3
75°	171.0	176.1	206.9	236.0	271.9	379.7	733.7	1446.8	2772.2	3201.4	3824.0
77.5°	147.1	152.2	177.9	222.3	215.5	248.0	448.1	865.3	1453.6	1667.4	2065.9
80°	116.3	123.1	148.8	213.8	179.6	196.7	328.4	639.6	884.2	973.1	1077.4
82.5°	82.1	85.5	112.9	171.0	135.1	148.8	246.3	531.9	709.7	774.7	805.5
85°	37.6	39.3	66.7	100.9	80.4	71.8	131.7	340.3	470.3	489.1	516.5
87.5°	0.0	0.0	6.8	6.8	13.7	8.6	15.4	42.8	71.8	71.8	87.2
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: P148971

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

**CANDELA DISTRIBUTION (continued):**

	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°	83°
0°	3003.1	3003.1	3003.1	3003.1	3003.1	3003.1	3003.1	3003.1	3003.1	3003.1	3003.1
2.5°	3028.7	3027.0	3028.7	3028.7	3030.4	3023.6	3021.9	3020.2	3018.5	3020.2	3016.8
5°	3074.9	3073.2	3073.2	3074.9	3073.2	3068.1	3066.3	3066.3	3061.2	3059.5	3059.5
7.5°	3145.0	3141.6	3136.5	3139.9	3141.6	3139.9	3141.6	3136.5	3136.5	3131.3	3133.0
10°	3232.2	3228.8	3227.1	3230.5	3232.2	3230.5	3232.2	3225.4	3223.7	3222.0	3218.6
12.5°	3328.0	3321.2	3326.3	3326.3	3328.0	3334.8	3326.3	3329.7	3322.9	3322.9	3321.2
15°	3411.8	3410.1	3413.5	3413.5	3411.8	3416.9	3415.2	3416.9	3408.4	3405.0	3413.5
17.5°	3464.8	3459.7	3461.4	3459.7	3459.7	3459.7	3463.1	3463.1	3458.0	3456.3	3459.7
20°	3478.5	3469.9	3468.2	3466.5	3463.1	3463.1	3464.8	3461.4	3458.0	3454.6	3458.0
22.5°	3475.1	3464.8	3454.6	3449.4	3444.3	3437.5	3435.7	3432.3	3427.2	3427.2	3428.9
25°	3487.0	3468.2	3452.8	3442.6	3428.9	3420.4	3413.5	3405.0	3396.4	3391.3	3393.0
27.5°	3528.1	3507.6	3487.0	3466.5	3446.0	3428.9	3415.2	3399.8	3386.1	3375.9	3370.8
30°	3605.1	3577.7	3553.7	3529.8	3504.2	3480.2	3458.0	3434.0	3408.4	3393.0	3379.3
32.5°	3694.0	3675.2	3659.8	3632.4	3605.1	3576.0	3548.6	3528.1	3490.5	3461.4	3437.5
35°	3829.1	3822.2	3813.7	3793.2	3762.4	3747.0	3724.8	3692.3	3647.8	3622.2	3586.2
37.5°	4015.5	4017.2	4010.4	4001.8	4005.2	3976.2	3962.5	3959.1	3914.6	3897.5	3844.5
40°	4244.7	4270.3	4292.5	4292.5	4309.6	4311.4	4307.9	4337.0	4304.5	4311.4	4254.9
42.5°	4499.5	4561.0	4595.2	4620.9	4677.3	4703.0	4745.7	4809.0	4812.4	4844.9	4848.3
45°	4800.5	4868.9	4933.9	5000.6	5075.8	5164.7	5253.7	5318.6	5421.3	5443.5	5517.0
47.5°	5113.4	5212.6	5287.9	5373.4	5501.6	5616.2	5747.9	5881.3	5999.3	6083.1	6131.0
50°	5458.9	5559.8	5669.2	5765.0	5901.8	6062.6	6245.6	6428.6	6580.8	6729.5	6849.3
52.5°	5842.0	5953.1	6055.7	6180.6	6319.1	6510.6	6710.7	6962.1	7165.6	7369.1	7516.2
55°	6209.6	6334.5	6428.6	6587.6	6731.3	6927.9	7175.9	7473.5	7755.6	8001.9	8202.0
57.5°	6529.5	6652.6	6784.3	6921.1	7095.5	7292.2	7596.6	7935.2	8256.7	8580.0	8875.8
60°	6828.7	6994.6	7138.3	7319.6	7494.0	7721.4	8084.0	8503.0	8942.5	9344.4	9640.3
62.5°	7280.2	7492.3	7661.6	7885.6	8128.5	8397.0	8797.1	9258.9	9831.8	10350.0	10810.0
65°	7911.3	8236.2	8509.8	8785.2	9081.0	9450.4	9883.1	10469.7	11102.5	11868.6	12475.7
67.5°	8361.0	8768.1	9122.1	9467.5	9807.9	10216.6	10751.9	11439.4	12258.5	13064.0	13835.3
69°	8179.8	8610.7	9004.1	9347.8	9707.0	10115.7	10637.3	11391.5	12226.0	13111.9	13876.4
70°	7798.4	8263.6	8684.3	9012.6	9380.3	9785.6	10362.0	11081.9	11933.6	12850.3	13599.3
72.5°	6271.2	6762.0	7177.6	7541.9	7926.7	8402.1	8915.1	9606.1	10550.1	11447.9	12114.9
75°	4319.9	4778.2	5248.5	5520.4	5961.7	6300.3	6787.7	7495.7	8284.1	8944.2	9561.6
77.5°	2443.8	2690.1	3045.8	3157.0	3473.4	3699.1	3957.3	4393.4	4803.9	5187.0	5298.1
80°	1111.6	1038.1	1074.0	1019.3	1079.1	1041.5	998.7	1022.7	1017.6	1094.5	1022.7
82.5°	800.4	690.9	574.6	496.0	436.1	369.4	314.7	282.2	278.8	292.4	287.3
85°	511.3	466.9	366.0	294.2	225.7	174.4	145.4	131.7	131.7	140.2	138.5
87.5°	88.9	77.0	47.9	41.0	35.9	23.9	15.4	15.4	13.7	17.1	22.2
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: P148971

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**CANDELA DISTRIBUTION (continued):**

	84°	85°	86°	87°	88°	89°	90°	91°	92°	93°	94°
0°	3003.1	3003.1	3003.1	3003.1	3003.1	3003.1	3003.1	3003.1	3003.1	3003.1	3003.1
2.5°	3016.8	3015.0	3011.6	3009.9	3009.9	3006.5	3004.8	3008.2	3009.9	3011.6	3006.5
5°	3059.5	3054.4	3052.7	3054.4	3045.8	3047.5	3045.8	3047.5	3047.5	3047.5	3044.1
7.5°	3127.9	3122.8	3126.2	3122.8	3117.7	3115.9	3115.9	3110.8	3104.0	3102.3	3104.0
10°	3222.0	3215.1	3216.8	3218.6	3213.4	3210.0	3204.9	3198.0	3198.0	3196.3	3192.9
12.5°	3322.9	3319.5	3319.5	3321.2	3319.5	3312.6	3305.8	3302.3	3300.6	3300.6	3300.6
15°	3410.1	3408.4	3410.1	3408.4	3408.4	3405.0	3401.5	3396.4	3394.7	3396.4	3398.1
17.5°	3459.7	3454.6	3459.7	3461.4	3459.7	3459.7	3459.7	3456.3	3454.6	3454.6	3456.3
20°	3463.1	3459.7	3463.1	3468.2	3468.2	3469.9	3473.4	3475.1	3473.4	3476.8	3478.5
22.5°	3428.9	3428.9	3434.0	3439.2	3447.7	3451.1	3458.0	3461.4	3464.8	3469.9	3473.4
25°	3394.7	3393.0	3398.1	3408.4	3415.2	3423.8	3432.3	3439.2	3446.0	3452.8	3459.7
27.5°	3370.8	3369.0	3372.5	3381.0	3389.6	3399.8	3413.5	3423.8	3432.3	3440.9	3446.0
30°	3372.5	3365.6	3363.9	3370.8	3379.3	3391.3	3405.0	3416.9	3428.9	3435.7	3440.9
32.5°	3422.1	3405.0	3398.1	3396.4	3399.8	3408.4	3418.6	3430.6	3439.2	3446.0	3447.7
35°	3550.3	3517.8	3511.0	3488.8	3492.2	3490.5	3490.5	3497.3	3504.2	3504.2	3492.2
37.5°	3810.3	3764.1	3731.6	3709.4	3687.1	3685.4	3682.0	3678.6	3661.5	3651.2	3649.5
40°	4215.6	4196.8	4135.2	4118.1	4080.5	4054.8	4061.7	4048.0	4006.9	3991.6	3984.7
42.5°	4807.3	4817.6	4783.4	4703.0	4670.5	4620.9	4579.9	4573.0	4535.4	4504.6	4480.7
45°	5501.6	5520.4	5494.8	5436.6	5378.5	5303.3	5253.7	5157.9	5120.3	5072.4	5039.9
47.5°	6214.8	6266.1	6225.0	6173.7	6141.2	6023.2	5920.6	5809.5	5753.0	5684.6	5653.8
50°	6922.8	7013.4	6989.5	6941.6	6905.7	6756.9	6657.7	6503.8	6471.3	6402.9	6365.3
52.5°	7630.8	7719.7	7772.7	7728.3	7702.6	7582.9	7514.5	7391.4	7299.0	7256.3	7254.6
55°	8345.7	8489.3	8573.1	8557.7	8515.0	8499.6	8431.2	8419.2	8347.4	8301.2	8239.6
57.5°	9045.1	9197.3	9342.7	9428.2	9464.1	9452.1	9484.6	9481.2	9491.5	9486.3	9385.4
60°	9934.4	10175.5	10387.6	10522.7	10651.0	10739.9	10762.1	10893.8	10856.2	10938.3	10780.9
62.5°	11189.7	11502.6	11824.2	11966.1	12123.4	12412.5	12480.9	12636.5	12660.4	12681.0	12597.2
65°	12939.2	13349.6	13835.3	14052.5	14298.8	14669.9	14904.2	15070.1	15064.9	14952.1	14844.3
67.5°	14432.2	14917.9	15364.2	15742.2	16109.9	16398.9	16645.1	16869.2	16881.1	16811.0	16626.3
69°	14560.4	15068.4	15554.0	16009.0	16373.2	16694.7	16944.4	17118.9	17156.5	17094.9	16923.9
70°	14322.7	14835.8	15364.2	15800.3	16212.5	16552.8	16821.3	16988.9	17040.2	16976.9	16816.2
72.5°	12860.5	13358.2	13753.2	14266.3	14852.9	15066.6	15480.5	15617.3	15743.9	15660.1	15564.3
75°	10074.6	10543.2	10952.0	11218.8	11487.3	12015.7	12114.9	12371.4	12458.6	12376.5	12482.6
77.5°	5248.5	5564.9	5701.7	5488.0	5520.4	5937.7	5701.7	5978.8	6137.8	6184.0	6250.7
80°	1003.9	1055.2	1094.5	1080.8	1094.5	1125.3	1046.6	1003.9	1060.3	1048.3	1048.3
82.5°	295.9	290.7	290.7	306.1	304.4	311.3	311.3	299.3	307.8	307.8	309.5
85°	135.1	128.3	126.6	128.3	126.6	126.6	131.7	131.7	141.9	133.4	135.1
87.5°	17.1	15.4	17.1	17.1	13.7	13.7	15.4	17.1	17.1	15.4	15.4
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: P148971

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

**CANDELA DISTRIBUTION (continued):**

	95°	96°	97°	98°	99°	100°	105°	115°	125°	135°	145°
0°	3003.1	3003.1	3003.1	3003.1	3003.1	3003.1	3003.1	3003.1	3003.1	3003.1	3003.1
2.5°	3004.8	3003.1	3003.1	3003.1	3001.4	2999.6	2997.9	2992.8	2987.7	2986.0	2977.4
5°	3037.3	3039.0	3035.6	3032.1	3032.1	3032.1	3027.0	3013.3	3003.1	2997.9	2986.0
7.5°	3105.7	3102.3	3097.1	3095.4	3092.0	3093.7	3083.4	3066.3	3047.5	3035.6	3016.8
10°	3196.3	3192.9	3189.5	3186.1	3180.9	3180.9	3169.0	3143.3	3114.2	3093.7	3059.5
12.5°	3302.3	3298.9	3295.5	3293.8	3285.2	3283.5	3266.4	3235.7	3198.0	3158.7	3109.1
15°	3399.8	3394.7	3393.0	3387.9	3382.7	3381.0	3365.6	3324.6	3278.4	3233.9	3169.0
17.5°	3461.4	3458.0	3452.8	3449.4	3447.7	3446.0	3423.8	3389.6	3353.7	3309.2	3230.5
20°	3481.9	3483.6	3480.2	3476.8	3471.7	3468.2	3447.7	3415.2	3408.4	3384.4	3304.1
22.5°	3478.5	3478.5	3476.8	3469.9	3466.5	3458.0	3428.9	3413.5	3451.1	3461.4	3358.8
25°	3464.8	3463.1	3458.0	3452.8	3442.6	3430.6	3386.1	3394.7	3500.7	3519.5	3370.8
27.5°	3449.4	3447.7	3439.2	3427.2	3411.8	3394.7	3338.3	3394.7	3546.9	3531.5	3321.2
30°	3440.9	3434.0	3422.1	3405.0	3384.4	3365.6	3304.1	3439.2	3579.4	3490.5	3184.3
32.5°	3442.6	3430.6	3413.5	3391.3	3367.3	3345.1	3302.3	3517.8	3591.4	3391.3	2991.1
35°	3483.6	3464.8	3442.6	3420.4	3396.4	3375.9	3379.3	3627.3	3589.7	3242.5	2804.7
37.5°	3632.4	3599.9	3584.5	3560.6	3526.4	3509.3	3577.7	3748.7	3565.7	3061.2	2640.5
40°	3960.8	3933.4	3911.2	3849.6	3861.6	3847.9	3912.9	3914.6	3534.9	2909.0	2503.7
42.5°	4439.6	4439.6	4391.7	4383.2	4350.7	4366.1	4395.2	4109.6	3504.2	2818.4	2368.6
45°	5004.0	5046.7	5027.9	5022.8	5048.4	5079.2	4945.8	4340.4	3505.9	2739.7	2211.3
47.5°	5674.4	5710.3	5729.1	5759.9	5792.4	5773.6	5498.2	4583.3	3536.6	2626.8	2009.5
50°	6387.5	6474.7	6502.1	6541.4	6570.5	6575.6	6021.5	4833.0	3569.1	2419.9	1790.6
52.5°	7271.7	7353.8	7382.8	7410.2	7388.0	7369.1	6534.6	5128.8	3543.5	2173.6	1604.1
55°	8311.5	8326.8	8321.7	8287.5	8268.7	8166.1	7010.0	5443.5	3343.4	1946.2	1426.3
57.5°	9394.0	9400.8	9339.3	9219.6	9081.0	8983.6	7466.6	5703.4	2919.3	1763.2	1250.1
60°	10787.8	10647.6	10543.2	10360.2	10134.5	9925.9	7955.7	5848.8	2514.0	1587.0	1051.8
62.5°	12470.6	12190.1	11964.4	11779.7	11446.2	11078.5	8580.0	5867.6	2267.7	1419.4	826.0
65°	14649.4	14353.5	13968.7	13652.3	13291.5	12795.5	9587.2	5732.5	2146.3	1224.5	603.7
67.5°	16364.7	16065.4	15634.4	15280.4	14815.3	14237.2	10421.8	5496.5	2117.2	1048.3	475.4
69°	16664.0	16337.3	15949.1	15506.2	15011.9	14394.5	10454.3	5222.9	2072.7	981.6	436.1
70°	16554.5	16214.2	15839.6	15369.3	14815.3	14180.8	10208.0	4918.5	1983.8	944.0	422.4
72.5°	15326.6	14808.4	14432.2	14030.3	13356.5	12713.4	8788.6	3721.3	1544.3	795.2	395.1
75°	12270.5	11827.6	11403.5	11203.4	10644.1	10098.6	6597.9	2363.5	1009.0	494.2	309.5
77.5°	6255.8	6175.4	6296.9	6206.2	5802.6	5802.6	4071.9	1255.3	593.4	297.6	236.0
80°	1123.6	1171.5	1149.2	1197.1	1113.3	1236.5	1431.4	843.1	420.7	227.5	193.2
82.5°	314.7	318.1	314.7	316.4	326.6	343.7	743.9	725.1	324.9	171.0	150.5
85°	147.1	148.8	152.2	152.2	165.9	169.3	499.4	519.9	189.8	94.1	100.9
87.5°	17.1	22.2	22.2	20.5	23.9	23.9	92.3	104.3	25.7	18.8	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



TEST NUMBER: P148971

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

**CANDELA DISTRIBUTION (continued):**

	155°	165°	175°	180°
0°	3003.1	3003.1	3003.1	3003.1
2.5°	2970.6	2963.7	2956.9	2962.0
5°	2980.8	2970.6	2962.0	2967.2
7.5°	3008.2	2991.1	2989.4	2989.4
10°	3042.4	3018.5	3011.6	3011.6
12.5°	3078.3	3045.8	3033.9	3033.9
15°	3115.9	3069.8	3052.7	3047.5
17.5°	3158.7	3093.7	3062.9	3062.9
20°	3199.7	3097.1	3051.0	3049.2
22.5°	3206.6	3057.8	2991.1	2987.7
25°	3155.3	2965.4	2878.2	2861.1
27.5°	3033.9	2821.8	2729.4	2726.0
30°	2850.9	2633.7	2539.6	2529.3
32.5°	2671.3	2440.4	2353.2	2353.2
35°	2490.0	2264.3	2151.4	2139.4
37.5°	2322.4	2077.9	1977.0	1975.3
40°	2168.5	1915.4	1817.9	1802.5
42.5°	2014.6	1744.4	1633.2	1629.8
45°	1831.6	1558.0	1462.2	1453.6
47.5°	1636.6	1390.4	1289.5	1287.8
50°	1460.5	1234.7	1133.8	1133.8
52.5°	1299.7	1082.5	981.6	971.4
55°	1118.5	909.8	807.2	795.2
57.5°	921.8	716.6	624.2	598.6
60°	713.1	521.6	427.5	413.9
62.5°	519.9	381.4	311.3	301.0
65°	391.6	324.9	266.8	256.5
67.5°	336.9	292.4	242.8	232.6
69°	313.0	277.0	232.6	222.3
70°	302.7	266.8	224.0	215.5
72.5°	278.8	244.6	205.2	201.8
75°	254.8	222.3	184.7	179.6
77.5°	246.3	193.2	159.0	155.6
80°	251.4	157.3	130.0	126.6
82.5°	205.2	126.6	100.9	95.8
85°	128.3	85.5	53.0	53.0
87.5°	32.5	27.4	15.4	15.4
90°	0.0	0.0	0.0	0.0

(END OF REPORT)