

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: P148978

Luminaire Tested: **TLM-E06-LED-E1-RW-8030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P148978
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-E06-LED-E1-RW-8030
Description: TALON MEDIUM LED SITE LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - RECTANGULAR WIDE
Light Source: (126) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

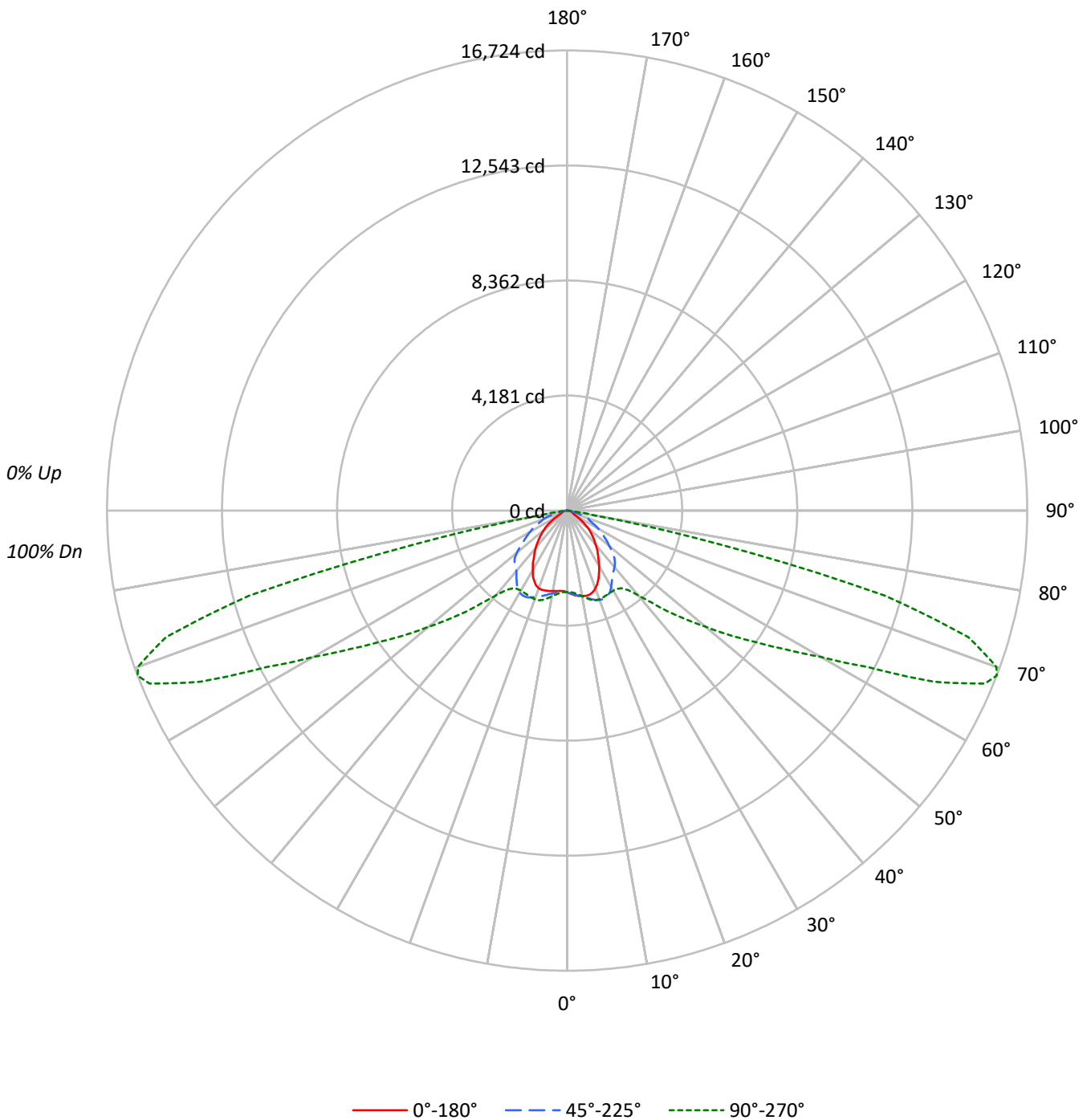
Lumens per Lamp: N/A
Luminaire Lumens: 15819.4 lumens
Efficiency: N/A
Efficacy: 105.1 lumens/watt
Spacing Criteria (0/90/45): 1.2 / 3.07 / 1.6
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
CIE Type: Direct

Input Watts (W): 150.5
Input Voltage (V): NR
Input Current (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-E06-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°	31905	31905	31905
5°	33322	32483	31644
10°	34464	34575	32489
15°	35251	37414	33520
20°	34397	39270	34475
25°	32097	40236	33540
30°	28890	41772	31029
35°	25663	45271	27748
40°	22627	56332	24999
45°	19785	78936	21841
50°	16649	110041	18740
55°	12005	156170	14730
60°	7158	228679	8794
65°	6449	374678	6449
70°	6587	522523	6694
75°	7020	497304	7369
80°	7116	64032	7742
85°	4582	16055	6459



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	290.7	1.8
10°-20°	917.2	5.8
20°-30°	1485.9	9.4
30°-40°	1851.9	11.7
40°-50°	2314.1	14.6
50°-60°	2857.4	18.1
60°-70°	3550.5	22.4
70°-80°	2357.1	14.9
80°-90°	194.6	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°	2693.9	17.0
0°-40°	4545.7	28.7
0°-60°	9717.3	61.4
0°-90°	15819.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	15819.4	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	2964	2964	2964	2964	2964	
5°	3084	3065	3006	2959	2929	296
15°	3163	3325	3357	3192	3008	885
25°	2702	3442	3388	3474	2824	1235
35°	1953	2876	3445	3200	2112	1223
45°	1300	2422	5186	2704	1435	1002
55°	640	1639	8322	1921	785	570
65°	253	950	14711	1209	253	255
75°	169	375	11958	488	177	176
85°	37	71	130	93	52	48
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°	2964.1	2964.1	2964.1	2964.1	2964.1	2964.1	2964.1	2964.1	2964.1	2964.1	2964.1
2.5°	3031.6	3041.7	3031.6	3031.6	3023.2	3014.7	3009.7	2997.9	2991.1	2987.7	2987.7
5°	3083.9	3082.3	3083.9	3083.9	3075.5	3065.4	3058.6	3048.5	3038.4	3036.7	3035.0
7.5°	3122.8	3121.1	3126.1	3136.3	3131.2	3122.8	3122.8	3112.6	3105.9	3105.9	3102.5
10°	3153.2	3154.8	3165.0	3180.2	3183.5	3181.8	3193.7	3190.3	3186.9	3190.3	3186.9
12.5°	3173.4	3175.1	3188.6	3217.3	3235.9	3247.7	3278.1	3279.7	3281.4	3281.4	3281.4
15°	3163.3	3163.3	3190.3	3244.3	3289.9	3325.3	3364.1	3370.9	3364.1	3369.2	3365.8
17.5°	3104.2	3107.6	3151.5	3234.2	3327.0	3404.7	3446.9	3435.0	3423.2	3423.2	3418.2
20°	3002.9	3009.7	3068.8	3185.2	3332.1	3455.3	3521.1	3482.3	3450.2	3445.2	3440.1
22.5°	2878.0	2872.9	2943.8	3090.7	3293.3	3477.2	3566.7	3519.4	3462.1	3450.2	3441.8
25°	2702.5	2705.8	2780.1	2943.8	3195.3	3441.8	3580.2	3556.6	3489.1	3473.9	3455.3
27.5°	2510.0	2518.5	2597.8	2764.9	3043.4	3354.0	3565.0	3593.7	3541.4	3524.5	3507.6
30°	2324.4	2329.4	2418.9	2597.8	2856.1	3198.7	3524.5	3634.2	3607.2	3593.7	3578.5
32.5°	2126.9	2143.7	2221.4	2423.9	2707.5	3028.2	3462.1	3676.4	3686.6	3678.1	3669.7
35°	1953.0	1966.5	2054.3	2267.0	2564.0	2876.3	3386.1	3722.0	3791.2	3789.5	3787.8
37.5°	1796.0	1799.4	1892.2	2108.3	2422.3	2770.0	3306.8	3796.3	3919.5	3936.4	3956.6
40°	1610.3	1627.2	1723.4	1956.4	2282.2	2678.8	3239.2	3895.9	4098.4	4135.6	4164.3
42.5°	1461.8	1461.8	1547.9	1779.1	2116.7	2574.2	3215.6	4020.8	4311.1	4361.7	4412.4
45°	1299.7	1304.8	1387.5	1598.5	1927.7	2422.3	3212.2	4159.2	4549.1	4621.7	4684.1
47.5°	1146.1	1149.5	1237.3	1441.5	1731.9	2212.9	3170.0	4312.8	4798.9	4903.6	4972.8
50°	994.2	989.2	1073.6	1281.2	1558.0	1996.9	3035.0	4512.0	5109.5	5214.2	5293.5
52.5°	806.9	820.4	911.5	1109.0	1387.5	1812.9	2759.9	4707.8	5430.2	5548.4	5656.4
55°	639.7	638.1	741.0	920.0	1203.5	1639.0	2434.1	4846.2	5742.5	5879.2	5999.1
57.5°	459.1	464.2	552.0	729.2	1012.8	1483.7	2187.6	4822.6	5983.9	6145.9	6297.9
60°	332.5	342.7	408.5	538.5	808.5	1304.8	2015.5	4549.1	6149.3	6370.4	6554.4
62.5°	280.2	288.6	346.0	416.9	624.6	1117.4	1848.3	4110.2	6363.7	6655.7	6922.4
65°	253.2	259.9	317.3	357.9	479.4	950.3	1743.7	3799.6	6645.6	7089.5	7454.1
67.5°	227.9	238.0	288.6	319.0	406.8	849.1	1713.3	3752.4	6699.6	7287.0	7805.2
69°	216.1	226.2	271.8	298.8	383.2	817.0	1655.9	3581.9	6346.8	6978.1	7558.8
70°	209.3	217.7	258.3	287.0	376.4	786.6	1574.9	3332.1	5972.1	6608.4	7233.0
72.5°	192.4	197.5	231.3	259.9	346.0	604.3	1193.4	2407.1	4458.0	5087.6	5700.3
75°	168.8	173.9	204.2	232.9	268.4	374.7	724.1	1428.0	2736.2	3159.9	3774.3
77.5°	145.2	150.2	175.6	219.4	212.7	244.8	442.3	854.1	1434.8	1645.8	2039.1
80°	114.8	121.5	146.9	211.0	177.2	194.1	324.1	631.3	872.7	960.5	1063.4
82.5°	81.0	84.4	111.4	168.8	133.4	146.9	243.1	525.0	700.5	764.7	795.0
85°	37.1	38.8	65.8	99.6	79.3	70.9	130.0	335.9	464.2	482.8	509.8
87.5°	0.0	0.0	6.8	6.8	13.5	8.4	15.2	42.2	70.9	70.9	86.1
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°	2964.1	2964.1	2964.1	2964.1	2964.1	2964.1	2964.1	2964.1	2964.1	2964.1	2964.1
2.5°	2989.4	2987.7	2989.4	2989.4	2991.1	2984.4	2982.7	2981.0	2979.3	2981.0	2977.6
5°	3035.0	3033.3	3033.3	3035.0	3033.3	3028.2	3026.6	3026.6	3021.5	3019.8	3019.8
7.5°	3104.2	3100.8	3095.8	3099.1	3100.8	3099.1	3100.8	3095.8	3095.8	3090.7	3092.4
10°	3190.3	3186.9	3185.2	3188.6	3190.3	3188.6	3190.3	3183.5	3181.8	3180.2	3176.8
12.5°	3284.8	3278.1	3283.1	3283.1	3284.8	3291.6	3283.1	3286.5	3279.7	3279.7	3278.1
15°	3367.5	3365.8	3369.2	3369.2	3367.5	3372.6	3370.9	3372.6	3364.1	3360.8	3369.2
17.5°	3419.9	3414.8	3416.5	3414.8	3414.8	3414.8	3418.2	3418.2	3413.1	3411.4	3414.8
20°	3433.4	3424.9	3423.2	3421.5	3418.2	3418.2	3419.9	3416.5	3413.1	3409.7	3413.1
22.5°	3430.0	3419.9	3409.7	3404.7	3399.6	3392.8	3391.2	3387.8	3382.7	3382.7	3384.4
25°	3441.8	3423.2	3408.0	3397.9	3384.4	3376.0	3369.2	3360.8	3352.3	3347.3	3349.0
27.5°	3482.3	3462.1	3441.8	3421.5	3401.3	3384.4	3370.9	3355.7	3342.2	3332.1	3327.0
30°	3558.3	3531.3	3507.6	3484.0	3458.7	3435.0	3413.1	3389.5	3364.1	3349.0	3335.5
32.5°	3646.0	3627.5	3612.3	3585.3	3558.3	3529.6	3502.6	3482.3	3445.2	3416.5	3392.8
35°	3779.4	3772.6	3764.2	3743.9	3713.6	3698.4	3676.4	3644.4	3600.5	3575.1	3539.7
37.5°	3963.4	3965.1	3958.3	3949.9	3953.3	3924.6	3911.1	3907.7	3863.8	3846.9	3794.6
40°	4189.6	4214.9	4236.8	4236.8	4253.7	4255.4	4252.0	4280.7	4248.7	4255.4	4199.7
42.5°	4441.1	4501.8	4535.6	4560.9	4616.6	4642.0	4684.1	4746.6	4750.0	4782.1	4785.4
45°	4738.2	4805.7	4869.8	4935.7	5009.9	5097.7	5185.5	5249.6	5350.9	5372.8	5445.4
47.5°	5047.1	5145.0	5219.2	5303.6	5430.2	5543.3	5673.3	5805.0	5921.4	6004.2	6051.4
50°	5388.0	5487.6	5595.7	5690.2	5825.2	5983.9	6164.5	6345.1	6495.4	6642.2	6760.4
52.5°	5766.1	5875.9	5977.1	6100.4	6237.1	6426.1	6623.6	6871.8	7072.6	7273.5	7418.7
55°	6129.1	6252.3	6345.1	6502.1	6643.9	6838.0	7082.8	7376.5	7655.0	7898.1	8095.6
57.5°	6444.7	6566.2	6696.2	6831.3	7003.4	7197.6	7498.0	7832.2	8149.6	8468.6	8760.6
60°	6740.1	6903.8	7045.6	7224.6	7396.7	7621.2	7979.1	8392.6	8826.5	9223.1	9515.2
62.5°	7185.7	7395.0	7562.2	7783.3	8023.0	8288.0	8683.0	9138.7	9704.2	10215.7	10669.7
65°	7808.6	8129.3	8399.4	8671.2	8963.2	9327.8	9754.8	10333.8	10958.4	11714.6	12313.8
67.5°	8252.5	8654.3	9003.7	9344.7	9680.6	10084.0	10612.3	11290.9	12099.5	12894.5	13655.8
69°	8073.6	8499.0	8887.2	9226.5	9581.0	9984.4	10499.2	11243.6	12067.4	12941.8	13696.3
70°	7697.2	8156.3	8571.6	8895.7	9258.6	9658.6	10227.5	10938.1	11778.7	12683.5	13422.8
72.5°	6189.8	6674.3	7084.5	7444.0	7823.8	8293.1	8799.4	9481.4	10413.2	11299.4	11957.7
75°	4263.8	4716.2	5180.4	5448.8	5884.3	6218.5	6699.6	7398.4	8176.6	8828.1	9437.5
77.5°	2412.1	2655.2	3006.3	3116.0	3428.3	3651.1	3906.0	4336.4	4741.5	5119.6	5229.4
80°	1097.2	1024.6	1060.1	1006.0	1065.1	1028.0	985.8	1009.4	1004.3	1080.3	1009.4
82.5°	790.0	681.9	567.2	489.5	430.4	364.6	310.6	278.5	275.1	288.6	283.6
85°	504.7	460.8	361.2	290.3	222.8	172.2	143.5	130.0	130.0	138.4	136.7
87.5°	87.8	76.0	47.3	40.5	35.4	23.6	15.2	15.2	13.5	16.9	21.9
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°	2964.1	2964.1	2964.1	2964.1	2964.1	2964.1	2964.1	2964.1	2964.1	2964.1	2964.1
2.5°	2977.6	2975.9	2972.5	2970.8	2970.8	2967.5	2965.8	2969.2	2970.8	2972.5	2967.5
5°	3019.8	3014.7	3013.0	3014.7	3006.3	3008.0	3006.3	3008.0	3008.0	3008.0	3004.6
7.5°	3087.3	3082.3	3085.6	3082.3	3077.2	3075.5	3075.5	3070.4	3063.7	3062.0	3063.7
10°	3180.2	3173.4	3175.1	3176.8	3171.7	3168.3	3163.3	3156.5	3156.5	3154.8	3151.5
12.5°	3279.7	3276.4	3276.4	3278.1	3276.4	3269.6	3262.9	3259.5	3257.8	3257.8	3257.8
15°	3365.8	3364.1	3365.8	3364.1	3364.1	3360.8	3357.4	3352.3	3350.6	3352.3	3354.0
17.5°	3414.8	3409.7	3414.8	3416.5	3414.8	3414.8	3414.8	3411.4	3409.7	3409.7	3411.4
20°	3418.2	3414.8	3418.2	3423.2	3423.2	3424.9	3428.3	3430.0	3428.3	3431.7	3433.4
22.5°	3384.4	3384.4	3389.5	3394.5	3403.0	3406.3	3413.1	3416.5	3419.9	3424.9	3428.3
25°	3350.6	3349.0	3354.0	3364.1	3370.9	3379.3	3387.8	3394.5	3401.3	3408.0	3414.8
27.5°	3327.0	3325.3	3328.7	3337.1	3345.6	3355.7	3369.2	3379.3	3387.8	3396.2	3401.3
30°	3328.7	3321.9	3320.3	3327.0	3335.5	3347.3	3360.8	3372.6	3384.4	3391.2	3396.2
32.5°	3377.7	3360.8	3354.0	3352.3	3355.7	3364.1	3374.3	3386.1	3394.5	3401.3	3403.0
35°	3504.3	3472.2	3465.4	3443.5	3446.9	3445.2	3445.2	3451.9	3458.7	3458.7	3446.9
37.5°	3760.8	3715.2	3683.2	3661.2	3639.3	3637.6	3634.2	3630.8	3614.0	3603.8	3602.2
40°	4160.9	4142.3	4081.5	4064.7	4027.5	4002.2	4009.0	3995.5	3954.9	3939.7	3933.0
42.5°	4744.9	4755.0	4721.3	4642.0	4609.9	4560.9	4520.4	4513.7	4476.5	4446.1	4422.5
45°	5430.2	5448.8	5423.5	5366.1	5308.7	5234.4	5185.5	5091.0	5053.8	5006.6	4974.5
47.5°	6134.1	6184.8	6144.3	6093.6	6061.5	5945.1	5843.8	5734.1	5678.4	5610.9	5580.5
50°	6833.0	6922.4	6898.8	6851.5	6816.1	6669.2	6571.3	6419.4	6387.3	6319.8	6282.7
52.5°	7531.8	7619.6	7671.9	7628.0	7602.7	7484.5	7417.0	7295.5	7204.3	7162.1	7160.4
55°	8237.4	8379.1	8461.9	8446.7	8404.5	8389.3	8321.8	8309.9	8239.0	8193.5	8132.7
57.5°	8927.7	9078.0	9221.4	9305.8	9341.3	9329.5	9361.5	9358.2	9368.3	9363.2	9263.6
60°	9805.5	10043.5	10252.8	10386.2	10512.8	10600.5	10622.5	10752.4	10715.3	10796.3	10641.0
62.5°	11044.5	11353.4	11670.7	11810.8	11966.1	12251.4	12318.9	12472.5	12496.1	12516.4	12433.7
65°	12771.3	13176.4	13655.8	13870.1	14113.2	14479.5	14710.8	14874.5	14869.4	14758.0	14651.7
67.5°	14244.9	14724.3	15164.8	15537.9	15900.8	16186.1	16429.1	16650.3	16662.1	16592.9	16410.6
69°	14371.5	14872.8	15352.2	15801.2	16160.7	16478.1	16724.5	16896.7	16933.8	16873.1	16704.3
70°	14136.8	14643.2	15164.8	15595.3	16002.1	16338.0	16603.0	16768.4	16819.1	16756.6	16597.9
72.5°	12693.6	13184.8	13574.8	14081.1	14660.1	14871.1	15279.6	15414.7	15539.6	15456.8	15362.3
75°	9943.9	10406.4	10809.8	11073.2	11338.2	11859.8	11957.7	12210.9	12296.9	12215.9	12320.6
77.5°	5180.4	5492.7	5627.7	5416.7	5448.8	5860.7	5627.7	5901.2	6058.2	6103.7	6169.6
80°	990.8	1041.5	1080.3	1066.8	1080.3	1110.7	1033.0	990.8	1046.5	1034.7	1034.7
82.5°	292.0	287.0	287.0	302.1	300.5	307.2	307.2	295.4	303.8	303.8	305.5
85°	133.4	126.6	124.9	126.6	124.9	124.9	130.0	130.0	140.1	131.7	133.4
87.5°	16.9	15.2	16.9	16.9	13.5	13.5	15.2	16.9	16.9	15.2	15.2
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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CATALOG NUMBER: TLM-E06-LED-E1-RW-8030

CANDELA DISTRIBUTION (continued):

	95°	96°	97°	98°	99°	100°	105°	115°	125°	135°	145°
0°	2964.1	2964.1	2964.1	2964.1	2964.1	2964.1	2964.1	2964.1	2964.1	2964.1	2964.1
2.5°	2965.8	2964.1	2964.1	2964.1	2962.4	2960.7	2959.0	2954.0	2948.9	2947.2	2938.8
5°	2997.9	2999.5	2996.2	2992.8	2992.8	2992.8	2987.7	2974.2	2964.1	2959.0	2947.2
7.5°	3065.4	3062.0	3056.9	3055.2	3051.9	3053.6	3043.4	3026.6	3008.0	2996.2	2977.6
10°	3154.8	3151.5	3148.1	3144.7	3139.6	3139.6	3127.8	3102.5	3073.8	3053.6	3019.8
12.5°	3259.5	3256.1	3252.7	3251.1	3242.6	3240.9	3224.0	3193.7	3156.5	3117.7	3068.8
15°	3355.7	3350.6	3349.0	3343.9	3338.8	3337.1	3321.9	3281.4	3235.9	3192.0	3127.8
17.5°	3416.5	3413.1	3408.0	3404.7	3403.0	3401.3	3379.3	3345.6	3310.1	3266.2	3188.6
20°	3436.7	3438.4	3435.0	3431.7	3426.6	3423.2	3403.0	3370.9	3364.1	3340.5	3261.2
22.5°	3433.4	3433.4	3431.7	3424.9	3421.5	3413.1	3384.4	3369.2	3406.3	3416.5	3315.2
25°	3419.9	3418.2	3413.1	3408.0	3397.9	3386.1	3342.2	3350.6	3455.3	3473.9	3327.0
27.5°	3404.7	3403.0	3394.5	3382.7	3367.5	3350.6	3294.9	3350.6	3500.9	3485.7	3278.1
30°	3396.2	3389.5	3377.7	3360.8	3340.5	3321.9	3261.2	3394.5	3532.9	3445.2	3143.0
32.5°	3397.9	3386.1	3369.2	3347.3	3323.6	3301.7	3259.5	3472.2	3544.8	3347.3	2952.3
35°	3438.4	3419.9	3397.9	3376.0	3352.3	3332.1	3335.5	3580.2	3543.1	3200.4	2768.3
37.5°	3585.3	3553.2	3538.0	3514.4	3480.6	3463.7	3531.3	3700.1	3519.4	3021.5	2606.2
40°	3909.4	3882.4	3860.4	3799.6	3811.5	3798.0	3862.1	3863.8	3489.1	2871.3	2471.2
42.5°	4382.0	4382.0	4334.7	4326.3	4294.2	4309.4	4338.1	4056.2	3458.7	2781.8	2337.9
45°	4939.0	4981.2	4962.7	4957.6	4982.9	5013.3	4881.6	4284.1	3460.4	2704.1	2182.6
47.5°	5600.7	5636.2	5654.7	5685.1	5717.2	5698.6	5426.9	4523.8	3490.7	2592.7	1983.4
50°	6304.6	6390.7	6417.7	6456.5	6485.2	6490.3	5943.4	4770.2	3522.8	2388.5	1767.3
52.5°	7177.3	7258.3	7287.0	7314.0	7292.1	7273.5	6449.8	5062.3	3497.5	2145.4	1583.3
55°	8203.6	8218.8	8213.7	8180.0	8161.4	8060.1	6919.0	5372.8	3300.0	1920.9	1407.8
57.5°	9272.1	9278.8	9218.1	9099.9	8963.2	8867.0	7369.7	5629.4	2881.4	1740.3	1233.9
60°	10647.8	10509.4	10406.4	10225.8	10003.0	9797.0	7852.5	5772.9	2481.3	1566.4	1038.1
62.5°	12308.8	12031.9	11809.1	11626.8	11297.7	10934.7	8468.6	5791.5	2238.3	1401.0	815.3
65°	14459.3	14167.2	13787.4	13475.2	13119.0	12629.5	9462.8	5658.1	2118.4	1208.6	595.9
67.5°	16152.3	15856.9	15431.5	15082.1	14623.0	14052.4	10286.6	5425.2	2089.7	1034.7	469.3
69°	16447.7	16125.3	15742.1	15304.9	14817.1	14207.7	10318.6	5155.1	2045.8	968.9	430.4
70°	16339.7	16003.8	15634.1	15169.9	14623.0	13996.7	10075.6	4854.6	1958.1	931.8	416.9
72.5°	15127.7	14616.2	14244.9	13848.2	13183.1	12548.5	8674.5	3673.0	1524.2	784.9	389.9
75°	12111.3	11674.1	11255.5	11058.0	10506.0	9967.5	6512.2	2332.8	995.9	487.8	305.5
77.5°	6174.6	6095.3	6215.1	6125.7	5727.3	5727.3	4019.1	1239.0	585.7	293.7	232.9
80°	1109.0	1156.3	1134.3	1181.6	1098.9	1220.4	1412.8	832.2	415.2	224.5	190.7
82.5°	310.6	314.0	310.6	312.3	322.4	339.3	734.3	715.7	320.7	168.8	148.5
85°	145.2	146.9	150.2	150.2	163.7	167.1	492.9	513.1	187.4	92.8	99.6
87.5°	16.9	21.9	21.9	20.3	23.6	23.6	91.2	103.0	25.3	18.6	30.4
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: P148978

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CANDELA DISTRIBUTION (continued):

	155°	165°	175°	180°
0°	2964.1	2964.1	2964.1	2964.1
2.5°	2932.0	2925.3	2918.5	2923.6
5°	2942.2	2932.0	2923.6	2928.6
7.5°	2969.2	2952.3	2950.6	2950.6
10°	3002.9	2979.3	2972.5	2972.5
12.5°	3038.4	3006.3	2994.5	2994.5
15°	3075.5	3029.9	3013.0	3008.0
17.5°	3117.7	3053.6	3023.2	3023.2
20°	3158.2	3056.9	3011.4	3009.7
22.5°	3165.0	3018.1	2952.3	2948.9
25°	3114.3	2927.0	2840.9	2824.0
27.5°	2994.5	2785.2	2694.0	2690.6
30°	2813.9	2599.5	2506.7	2496.5
32.5°	2636.6	2408.8	2322.7	2322.7
35°	2457.7	2234.9	2123.5	2111.7
37.5°	2292.3	2050.9	1951.3	1949.6
40°	2140.4	1890.5	1794.3	1779.1
42.5°	1988.4	1721.7	1612.0	1608.6
45°	1807.8	1537.8	1443.2	1434.8
47.5°	1615.4	1372.3	1272.7	1271.1
50°	1441.5	1218.7	1119.1	1119.1
52.5°	1282.9	1068.5	968.9	958.8
55°	1103.9	898.0	796.7	784.9
57.5°	909.8	707.3	616.1	590.8
60°	703.9	514.8	422.0	408.5
62.5°	513.1	376.4	307.2	297.1
65°	386.5	320.7	263.3	253.2
67.5°	332.5	288.6	239.7	229.6
69°	308.9	273.5	229.6	219.4
70°	298.8	263.3	221.1	212.7
72.5°	275.1	241.4	202.6	199.2
75°	251.5	219.4	182.3	177.2
77.5°	243.1	190.7	157.0	153.6
80°	248.1	155.3	128.3	124.9
82.5°	202.6	124.9	99.6	94.5
85°	126.6	84.4	52.3	52.3
87.5°	32.1	27.0	15.2	15.2
90°	0.0	0.0	0.0	0.0

(END OF REPORT)