

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: P148985

Luminaire Tested: **TLM-F06-LED-E1-RW**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P148985
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-F06-LED-E1-RW
Description: TALON MEDIUM LED SITE LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - RECTANGULAR WIDE
Light Source: (42) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15473.3 lumens
Efficiency: N/A
Efficacy: 98.9 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

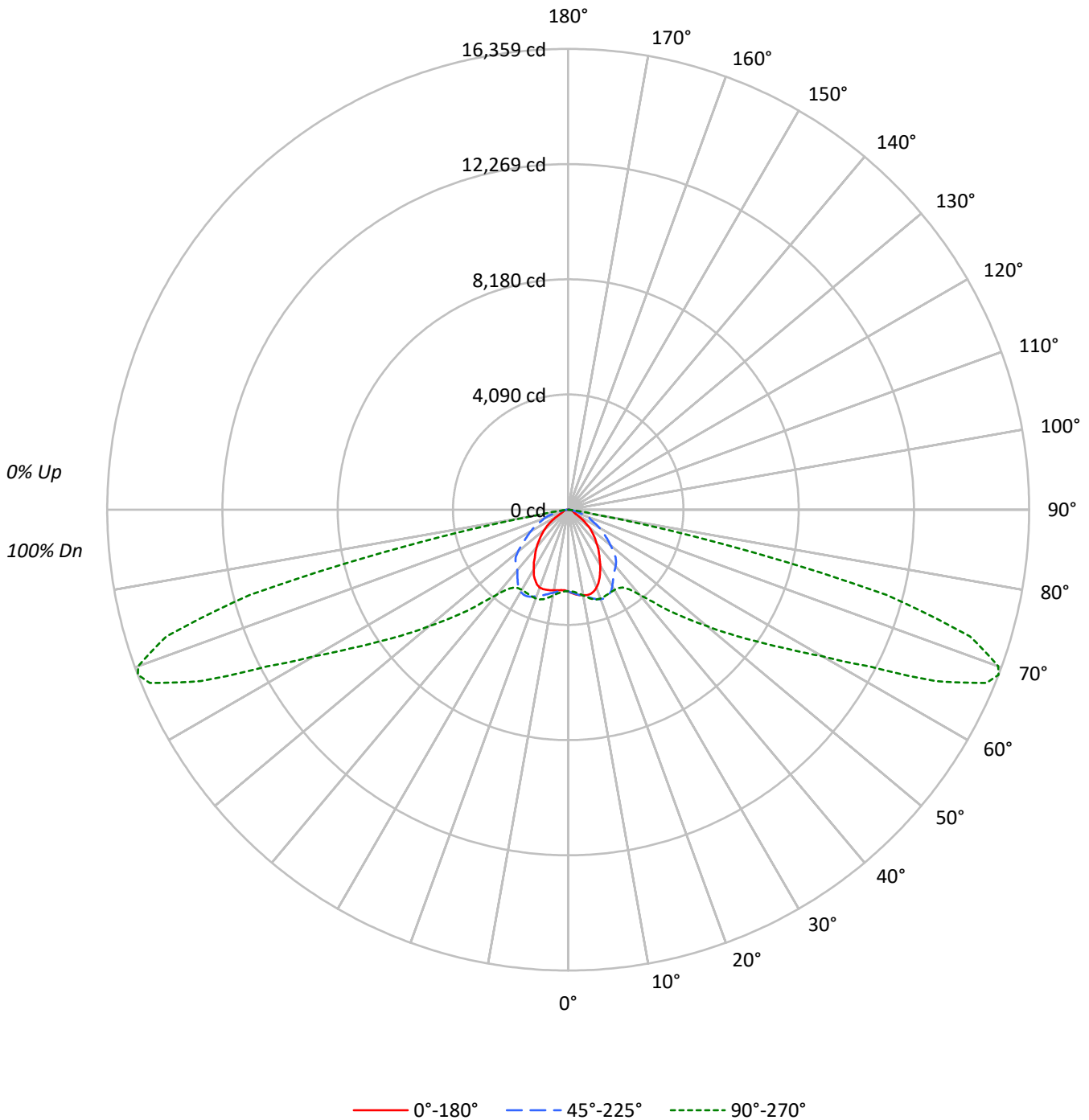
Input Watts (W): 156.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: TLM-F06-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°	31207	31207	31207
5°	32593	31772	30952
10°	33710	33818	31779
15°	34479	36595	32787
20°	33645	38411	33720
25°	31394	39356	32806
30°	28258	40857	30351
35°	25102	44280	27141
40°	22132	55098	24452
45°	19352	77208	21363
50°	16285	107633	18330
55°	11742	152752	14407
60°	7003	223676	8603
65°	6309	366479	6309
70°	6442	511089	6546
75°	6866	486420	7211
80°	6961	62632	7575
85°	4483	15697	6323



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	284.4	1.8
10°-20°	897.1	5.8
20°-30°	1453.4	9.4
30°-40°	1811.3	11.7
40°-50°	2263.5	14.6
50°-60°	2794.9	18.1
60°-70°	3472.8	22.4
70°-80°	2305.5	14.9
80°-90°	190.4	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°	2634.9	17.0
0°-40°	4446.3	28.7
0°-60°	9504.7	61.4
0°-90°	15473.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	15473.3	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	2899	2899	2899	2899	2899	
5°	3016	2998	2940	2894	2865	290
15°	3094	3253	3284	3122	2942	866
25°	2643	3366	3314	3398	2762	1208
35°	1910	2813	3370	3130	2066	1197
45°	1271	2369	5072	2645	1403	980
55°	626	1603	8140	1879	768	558
65°	248	930	14389	1182	248	250
75°	165	366	11696	477	173	173
85°	36	69	127	91	51	47
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°	2899.2	2899.2	2899.2	2899.2	2899.2	2899.2	2899.2	2899.2	2899.2	2899.2	2899.2
2.5°	2965.3	2975.2	2965.3	2965.3	2957.0	2948.8	2943.8	2932.3	2925.7	2922.4	2922.4
5°	3016.5	3014.8	3016.5	3016.5	3008.2	2998.3	2991.7	2981.8	2971.9	2970.2	2968.6
7.5°	3054.4	3052.8	3057.7	3067.7	3062.7	3054.4	3054.4	3044.5	3037.9	3037.9	3034.6
10°	3084.2	3085.8	3095.7	3110.6	3113.9	3112.2	3123.8	3120.5	3117.2	3120.5	3117.2
12.5°	3104.0	3105.6	3118.8	3146.9	3165.1	3176.6	3206.3	3208.0	3209.6	3209.6	3209.6
15°	3094.1	3094.1	3120.5	3173.3	3217.9	3252.6	3290.5	3297.1	3290.5	3295.5	3292.2
17.5°	3036.3	3039.6	3082.5	3163.4	3254.2	3330.2	3371.4	3359.9	3348.3	3348.3	3343.4
20°	2937.2	2943.8	3001.6	3115.5	3259.2	3379.7	3444.1	3406.1	3374.7	3369.8	3364.8
22.5°	2815.0	2810.1	2879.4	3023.1	3221.2	3401.2	3488.7	3442.4	3386.3	3374.7	3366.5
25°	2643.3	2646.6	2719.3	2879.4	3125.4	3366.5	3501.9	3478.8	3412.7	3397.9	3379.7
27.5°	2455.1	2463.4	2541.0	2704.4	2976.8	3280.6	3487.0	3515.1	3463.9	3447.4	3430.9
30°	2273.5	2278.4	2366.0	2541.0	2793.6	3128.7	3447.4	3554.7	3528.3	3515.1	3500.2
32.5°	2080.3	2096.8	2172.8	2370.9	2648.3	2962.0	3386.3	3596.0	3605.9	3597.6	3589.4
35°	1910.3	1923.5	2009.3	2217.4	2507.9	2813.4	3312.0	3640.6	3708.3	3706.6	3705.0
37.5°	1756.7	1760.0	1850.8	2062.2	2369.3	2709.4	3234.4	3713.2	3833.7	3850.2	3870.1
40°	1575.1	1591.6	1685.7	1913.6	2232.2	2620.2	3168.4	3810.6	4008.7	4045.1	4073.1
42.5°	1429.8	1429.8	1514.0	1740.2	2070.4	2517.9	3145.2	3932.8	4216.8	4266.3	4315.8
45°	1271.3	1276.3	1357.2	1563.5	1885.5	2369.3	3141.9	4068.2	4449.6	4520.6	4581.7
47.5°	1121.1	1124.4	1210.2	1410.0	1694.0	2164.5	3100.7	4218.4	4693.9	4796.3	4864.0
50°	972.5	967.5	1050.1	1253.1	1523.9	1953.2	2968.6	4413.3	4997.7	5100.1	5177.7
52.5°	789.2	802.4	891.6	1084.7	1357.2	1773.2	2699.5	4604.8	5311.4	5427.0	5532.7
55°	625.7	624.1	724.8	899.8	1177.2	1603.2	2380.8	4740.2	5616.9	5750.6	5867.8
57.5°	449.1	454.0	539.9	713.3	990.6	1451.3	2139.8	4717.0	5853.0	6011.5	6160.1
60°	325.3	335.2	399.6	526.7	790.9	1276.3	1971.4	4449.6	6014.8	6231.1	6411.0
62.5°	274.1	282.3	338.5	407.8	610.9	1093.0	1807.9	4020.3	6224.5	6510.1	6771.0
65°	247.7	254.3	310.4	350.0	468.9	929.5	1705.5	3716.5	6500.2	6934.4	7291.0
67.5°	222.9	232.8	282.3	312.0	397.9	830.5	1675.8	3670.3	6553.0	7127.6	7634.5
69°	211.3	221.2	265.8	292.2	374.8	799.1	1619.7	3503.5	6207.9	6825.4	7393.4
70°	204.7	213.0	252.6	280.7	368.2	769.4	1540.4	3259.2	5841.4	6463.9	7074.7
72.5°	188.2	193.2	226.2	254.3	338.5	591.1	1167.3	2354.4	4360.4	4976.3	5575.6
75°	165.1	170.1	199.8	227.8	262.5	366.5	708.3	1396.8	2676.4	3090.8	3691.7
77.5°	142.0	146.9	171.7	214.6	208.0	239.4	432.6	835.4	1403.4	1609.8	1994.5
80°	112.3	118.9	143.6	206.4	173.4	189.9	317.0	617.5	853.6	939.4	1040.2
82.5°	79.3	82.6	109.0	165.1	130.4	143.6	237.8	513.5	685.2	747.9	777.6
85°	36.3	38.0	64.4	97.4	77.6	69.3	127.1	328.6	454.0	472.2	498.6
87.5°	0.0	0.0	6.6	6.6	13.2	8.3	14.9	41.3	69.3	69.3	84.2
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°	2899.2	2899.2	2899.2	2899.2	2899.2	2899.2	2899.2	2899.2	2899.2	2899.2	2899.2
2.5°	2924.0	2922.4	2924.0	2924.0	2925.7	2919.1	2917.4	2915.8	2914.1	2915.8	2912.5
5°	2968.6	2966.9	2966.9	2968.6	2966.9	2962.0	2960.3	2960.3	2955.4	2953.7	2953.7
7.5°	3036.3	3033.0	3028.0	3031.3	3033.0	3031.3	3033.0	3028.0	3028.0	3023.1	3024.7
10°	3120.5	3117.2	3115.5	3118.8	3120.5	3118.8	3120.5	3113.9	3112.2	3110.6	3107.3
12.5°	3212.9	3206.3	3211.3	3211.3	3212.9	3219.5	3211.3	3214.6	3208.0	3208.0	3206.3
15°	3293.8	3292.2	3295.5	3295.5	3293.8	3298.8	3297.1	3298.8	3290.5	3287.2	3295.5
17.5°	3345.0	3340.1	3341.7	3340.1	3340.1	3340.1	3343.4	3343.4	3338.4	3336.8	3340.1
20°	3358.2	3350.0	3348.3	3346.7	3343.4	3343.4	3345.0	3341.7	3338.4	3335.1	3338.4
22.5°	3354.9	3345.0	3335.1	3330.2	3325.2	3318.6	3317.0	3313.7	3308.7	3308.7	3310.4
25°	3366.5	3348.3	3333.5	3323.6	3310.4	3302.1	3295.5	3287.2	3279.0	3274.0	3275.7
27.5°	3406.1	3386.3	3366.5	3346.7	3326.9	3310.4	3297.1	3282.3	3269.1	3259.2	3254.2
30°	3480.4	3454.0	3430.9	3407.8	3383.0	3359.9	3338.4	3315.3	3290.5	3275.7	3262.5
32.5°	3566.3	3548.1	3533.2	3506.8	3480.4	3452.3	3425.9	3406.1	3369.8	3341.7	3318.6
35°	3696.7	3690.1	3681.8	3662.0	3632.3	3617.5	3596.0	3564.6	3521.7	3496.9	3462.3
37.5°	3876.7	3878.3	3871.7	3863.5	3866.8	3838.7	3825.5	3822.2	3779.3	3762.7	3711.6
40°	4097.9	4122.7	4144.1	4144.1	4160.6	4162.3	4159.0	4187.1	4155.7	4162.3	4107.8
42.5°	4343.9	4403.3	4436.4	4461.1	4515.6	4540.4	4581.7	4642.8	4646.1	4677.4	4680.7
45°	4634.5	4700.5	4763.3	4827.7	4900.3	4986.2	5072.0	5134.8	5233.8	5255.3	5326.3
47.5°	4936.6	5032.4	5105.0	5187.6	5311.4	5422.0	5549.2	5678.0	5791.9	5872.8	5919.0
50°	5270.2	5367.6	5473.2	5565.7	5697.8	5853.0	6029.6	6206.3	6353.2	6496.9	6612.5
52.5°	5640.0	5747.3	5846.4	5966.9	6100.6	6285.5	6478.7	6721.4	6917.9	7114.4	7256.4
55°	5995.0	6115.5	6206.3	6359.8	6498.5	6688.4	6927.8	7215.1	7487.5	7725.3	7918.4
57.5°	6303.7	6422.6	6549.7	6681.8	6850.2	7040.1	7334.0	7660.9	7971.3	8283.3	8568.9
60°	6592.6	6752.8	6891.5	7066.5	7234.9	7454.5	7804.5	8209.0	8633.3	9021.3	9307.0
62.5°	7028.5	7233.2	7396.7	7613.0	7847.4	8106.7	8493.0	8938.8	9491.9	9992.2	10436.3
65°	7637.8	7951.5	8215.6	8481.4	8767.1	9123.7	9541.4	10107.7	10718.6	11458.3	12044.4
67.5°	8072.0	8464.9	8806.7	9140.2	9468.8	9863.4	10380.2	11043.9	11834.7	12612.4	13357.0
69°	7897.0	8313.0	8692.8	9024.6	9371.4	9766.0	10269.5	10997.6	11803.4	12658.6	13396.6
70°	7528.8	7977.9	8384.0	8701.0	9056.0	9447.3	10003.7	10698.8	11521.0	12406.0	13129.1
72.5°	6054.4	6528.3	6929.5	7281.1	7652.6	8111.6	8606.9	9273.9	10185.3	11052.1	11696.0
75°	4170.6	4613.0	5067.1	5329.6	5755.6	6082.5	6553.0	7236.6	7997.7	8635.0	9231.0
77.5°	2359.4	2597.1	2940.5	3047.8	3353.3	3571.2	3820.5	4241.5	4637.8	5007.6	5115.0
80°	1073.2	1002.2	1036.9	984.0	1041.8	1005.5	964.2	987.3	982.4	1056.7	987.3
82.5°	772.7	667.0	554.8	478.8	421.0	356.6	303.8	272.4	269.1	282.3	277.4
85°	493.7	450.7	353.3	284.0	217.9	168.4	140.3	127.1	127.1	135.4	133.7
87.5°	85.9	74.3	46.2	39.6	34.7	23.1	14.9	14.9	13.2	16.5	21.5
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°	2899.2	2899.2	2899.2	2899.2	2899.2	2899.2	2899.2	2899.2	2899.2	2899.2	2899.2
2.5°	2912.5	2910.8	2907.5	2905.8	2905.8	2902.5	2900.9	2904.2	2905.8	2907.5	2902.5
5°	2953.7	2948.8	2947.1	2948.8	2940.5	2942.2	2940.5	2942.2	2942.2	2942.2	2938.9
7.5°	3019.8	3014.8	3018.1	3014.8	3009.9	3008.2	3008.2	3003.3	2996.7	2995.0	2996.7
10°	3110.6	3104.0	3105.6	3107.3	3102.3	3099.0	3094.1	3087.5	3087.5	3085.8	3082.5
12.5°	3208.0	3204.7	3204.7	3206.3	3204.7	3198.1	3191.5	3188.2	3186.5	3186.5	3186.5
15°	3292.2	3290.5	3292.2	3290.5	3290.5	3287.2	3283.9	3279.0	3277.3	3279.0	3280.6
17.5°	3340.1	3335.1	3340.1	3341.7	3340.1	3340.1	3340.1	3336.8	3335.1	3335.1	3336.8
20°	3343.4	3340.1	3343.4	3348.3	3348.3	3350.0	3353.3	3354.9	3353.3	3356.6	3358.2
22.5°	3310.4	3310.4	3315.3	3320.3	3328.5	3331.8	3338.4	3341.7	3345.0	3350.0	3353.3
25°	3277.3	3275.7	3280.6	3290.5	3297.1	3305.4	3313.7	3320.3	3326.9	3333.5	3340.1
27.5°	3254.2	3252.6	3255.9	3264.1	3272.4	3282.3	3295.5	3305.4	3313.7	3321.9	3326.9
30°	3255.9	3249.3	3247.6	3254.2	3262.5	3274.0	3287.2	3298.8	3310.4	3317.0	3321.9
32.5°	3303.8	3287.2	3280.6	3279.0	3282.3	3290.5	3300.4	3312.0	3320.3	3326.9	3328.5
35°	3427.6	3396.2	3389.6	3368.1	3371.4	3369.8	3369.8	3376.4	3383.0	3383.0	3371.4
37.5°	3678.5	3634.0	3602.6	3581.1	3559.7	3558.0	3554.7	3551.4	3534.9	3525.0	3523.3
40°	4069.8	4051.7	3992.2	3975.7	3939.4	3914.6	3921.2	3908.0	3868.4	3853.6	3846.9
42.5°	4641.1	4651.0	4618.0	4540.4	4509.0	4461.1	4421.5	4414.9	4378.6	4348.9	4325.8
45°	5311.4	5329.6	5304.8	5248.7	5192.6	5119.9	5072.0	4979.6	4943.2	4897.0	4865.6
47.5°	5999.9	6049.4	6009.8	5960.3	5928.9	5815.0	5715.9	5608.6	5554.1	5488.1	5458.4
50°	6683.4	6771.0	6747.8	6701.6	6666.9	6523.3	6427.5	6278.9	6247.6	6181.5	6145.2
52.5°	7367.0	7452.8	7504.0	7461.1	7436.3	7320.8	7254.7	7135.8	7046.7	7005.4	7003.8
55°	8057.1	8195.8	8276.7	8261.9	8220.6	8205.7	8139.7	8128.1	8058.8	8014.2	7954.8
57.5°	8732.4	8879.3	9019.7	9102.2	9136.9	9125.4	9156.7	9153.4	9163.3	9158.4	9061.0
60°	9590.9	9823.7	10028.5	10158.9	10282.7	10368.6	10390.1	10517.2	10480.9	10560.1	10408.2
62.5°	10802.8	11105.0	11415.4	11552.4	11704.3	11983.3	12049.4	12199.6	12222.7	12242.5	12161.6
65°	12491.8	12888.1	13357.0	13566.7	13804.4	14162.7	14388.9	14549.1	14544.1	14435.1	14331.1
67.5°	13933.2	14402.1	14833.0	15197.9	15552.9	15831.9	16069.7	16286.0	16297.5	16229.8	16051.5
69°	14057.0	14547.4	15016.3	15455.5	15807.2	16117.5	16358.6	16527.0	16563.3	16503.9	16338.8
70°	13827.5	14322.9	14833.0	15254.0	15652.0	15980.5	16239.7	16401.5	16451.1	16390.0	16234.8
72.5°	12415.9	12896.4	13277.7	13773.1	14339.4	14545.7	14945.3	15077.4	15199.6	15118.7	15026.2
75°	9726.3	10178.7	10573.3	10830.9	11090.1	11600.3	11696.0	11943.7	12027.9	11948.6	12051.0
77.5°	5067.1	5372.5	5504.6	5298.2	5329.6	5732.4	5504.6	5772.1	5925.6	5970.2	6034.6
80°	969.2	1018.7	1056.7	1043.5	1056.7	1086.4	1010.4	969.2	1023.7	1012.1	1012.1
82.5°	285.6	280.7	280.7	295.5	293.9	300.5	300.5	288.9	297.2	297.2	298.8
85°	130.4	123.8	122.2	123.8	122.2	122.2	127.1	127.1	137.0	128.8	130.4
87.5°	16.5	14.9	16.5	16.5	13.2	13.2	14.9	16.5	16.5	14.9	14.9
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: P148985

CATALOG NUMBER: TLM-F06-LED-E1-RW

CANDELA DISTRIBUTION (continued):

	95°	96°	97°	98°	99°	100°	105°	115°	125°	135°	145°
0°	2899.2	2899.2	2899.2	2899.2	2899.2	2899.2	2899.2	2899.2	2899.2	2899.2	2899.2
2.5°	2900.9	2899.2	2899.2	2899.2	2897.6	2895.9	2894.3	2889.3	2884.4	2882.7	2874.5
5°	2932.3	2933.9	2930.6	2927.3	2927.3	2927.3	2922.4	2909.1	2899.2	2894.3	2882.7
7.5°	2998.3	2995.0	2990.1	2988.4	2985.1	2986.7	2976.8	2960.3	2942.2	2930.6	2912.5
10°	3085.8	3082.5	3079.2	3075.9	3071.0	3071.0	3059.4	3034.6	3006.6	2986.7	2953.7
12.5°	3188.2	3184.9	3181.6	3179.9	3171.7	3170.0	3153.5	3123.8	3087.5	3049.5	3001.6
15°	3282.3	3277.3	3275.7	3270.7	3265.8	3264.1	3249.3	3209.6	3165.1	3122.1	3059.4
17.5°	3341.7	3338.4	3333.5	3330.2	3328.5	3326.9	3305.4	3272.4	3237.7	3194.8	3118.8
20°	3361.5	3363.2	3359.9	3356.6	3351.6	3348.3	3328.5	3297.1	3290.5	3267.4	3189.8
22.5°	3358.2	3358.2	3356.6	3350.0	3346.7	3338.4	3310.4	3295.5	3331.8	3341.7	3242.7
25°	3345.0	3343.4	3338.4	3333.5	3323.6	3312.0	3269.1	3277.3	3379.7	3397.9	3254.2
27.5°	3330.2	3328.5	3320.3	3308.7	3293.8	3277.3	3222.8	3277.3	3424.3	3409.4	3206.3
30°	3321.9	3315.3	3303.8	3287.2	3267.4	3249.3	3189.8	3320.3	3455.6	3369.8	3074.3
32.5°	3323.6	3312.0	3295.5	3274.0	3250.9	3229.5	3188.2	3396.2	3467.2	3274.0	2887.7
35°	3363.2	3345.0	3323.6	3302.1	3279.0	3259.2	3262.5	3501.9	3465.6	3130.4	2707.7
37.5°	3506.8	3475.5	3460.6	3437.5	3404.5	3388.0	3454.0	3619.1	3442.4	2955.4	2549.2
40°	3823.8	3797.4	3776.0	3716.5	3728.1	3714.9	3777.6	3779.3	3412.7	2808.4	2417.1
42.5°	4286.1	4286.1	4239.9	4231.6	4200.3	4215.1	4243.2	3967.5	3383.0	2720.9	2286.7
45°	4831.0	4872.2	4854.1	4849.1	4873.9	4903.6	4774.8	4190.4	3384.7	2645.0	2134.8
47.5°	5478.2	5512.9	5531.0	5560.7	5592.1	5573.9	5308.1	4424.8	3414.4	2536.0	1940.0
50°	6166.7	6250.9	6277.3	6315.3	6343.3	6348.3	5813.3	4665.9	3445.7	2336.2	1728.6
52.5°	7020.3	7099.5	7127.6	7154.0	7132.5	7114.4	6308.7	4951.5	3421.0	2098.5	1548.7
55°	8024.1	8039.0	8034.0	8001.0	7982.8	7883.8	6767.7	5255.3	3227.8	1878.9	1377.0
57.5°	9069.2	9075.8	9016.4	8900.8	8767.1	8673.0	7208.5	5506.3	2818.3	1702.2	1206.9
60°	10414.8	10279.4	10178.7	10002.1	9784.1	9582.7	7680.7	5646.6	2427.0	1532.2	1015.4
62.5°	12039.5	11768.7	11550.7	11372.4	11050.5	10695.5	8283.3	5664.8	2189.3	1370.4	797.5
65°	14142.9	13857.3	13485.8	13180.3	12832.0	12353.2	9255.8	5534.3	2072.1	1182.2	582.8
67.5°	15798.9	15510.0	15093.9	14752.1	14303.0	13745.0	10061.5	5306.5	2044.0	1012.1	459.0
69°	16087.8	15772.5	15397.7	14970.1	14492.9	13896.9	10092.9	5042.3	2001.1	947.7	421.0
70°	15982.2	15653.6	15292.0	14838.0	14303.0	13690.5	9855.1	4748.4	1915.2	911.4	407.8
72.5°	14796.7	14296.4	13933.2	13545.2	12894.7	12273.9	8484.7	3592.7	1490.9	767.7	381.4
75°	11846.3	11418.7	11009.2	10816.0	10276.1	9749.4	6369.8	2281.8	974.1	477.2	298.8
77.5°	6039.5	5961.9	6079.2	5991.7	5602.0	5602.0	3931.1	1211.9	572.9	287.3	227.8
80°	1084.7	1131.0	1109.5	1155.7	1074.8	1193.7	1381.9	814.0	406.2	219.6	186.6
82.5°	303.8	307.1	303.8	305.4	315.4	331.9	718.2	700.0	313.7	165.1	145.3
85°	142.0	143.6	146.9	146.9	160.2	163.5	482.1	501.9	183.3	90.8	97.4
87.5°	16.5	21.5	21.5	19.8	23.1	23.1	89.2	100.7	24.8	18.2	29.7
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: P148985

CATALOG NUMBER: TLM-F06-LED-E1-RW

CANDELA DISTRIBUTION (continued):

	155°	165°	175°	180°
0°	2899.2	2899.2	2899.2	2899.2
2.5°	2867.9	2861.3	2854.7	2859.6
5°	2877.8	2867.9	2859.6	2864.6
7.5°	2904.2	2887.7	2886.0	2886.0
10°	2937.2	2914.1	2907.5	2907.5
12.5°	2971.9	2940.5	2929.0	2929.0
15°	3008.2	2963.6	2947.1	2942.2
17.5°	3049.5	2986.7	2957.0	2957.0
20°	3089.1	2990.1	2945.5	2943.8
22.5°	3095.7	2952.1	2887.7	2884.4
25°	3046.2	2862.9	2778.7	2762.2
27.5°	2929.0	2724.2	2635.1	2631.8
30°	2752.3	2542.6	2451.8	2441.9
32.5°	2578.9	2356.0	2271.8	2271.8
35°	2403.9	2186.0	2077.0	2065.5
37.5°	2242.1	2006.0	1908.6	1907.0
40°	2093.5	1849.2	1755.1	1740.2
42.5°	1944.9	1684.1	1576.8	1573.5
45°	1768.3	1504.1	1411.6	1403.4
47.5°	1580.1	1342.3	1244.9	1243.2
50°	1410.0	1192.1	1094.6	1094.6
52.5°	1254.8	1045.1	947.7	937.8
55°	1079.8	878.4	779.3	767.7
57.5°	889.9	691.8	602.6	577.9
60°	688.5	503.6	412.8	399.6
62.5°	501.9	368.2	300.5	290.6
65°	378.1	313.7	257.6	247.7
67.5°	325.3	282.3	234.4	224.5
69°	302.1	267.5	224.5	214.6
70°	292.2	257.6	216.3	208.0
72.5°	269.1	236.1	198.1	194.8
75°	246.0	214.6	178.3	173.4
77.5°	237.8	186.6	153.5	150.2
80°	242.7	151.9	125.5	122.2
82.5°	198.1	122.2	97.4	92.5
85°	123.8	82.6	51.2	51.2
87.5°	31.4	26.4	14.9	14.9
90°	0.0	0.0	0.0	0.0

(END OF REPORT)