

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: P148981

Luminaire Tested: **TLM-E06-LED-E1-RW-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P148981
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-7050
Description: TALON MEDIUM LED SITE LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - RECTANGULAR WIDE
Light Source: (126) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

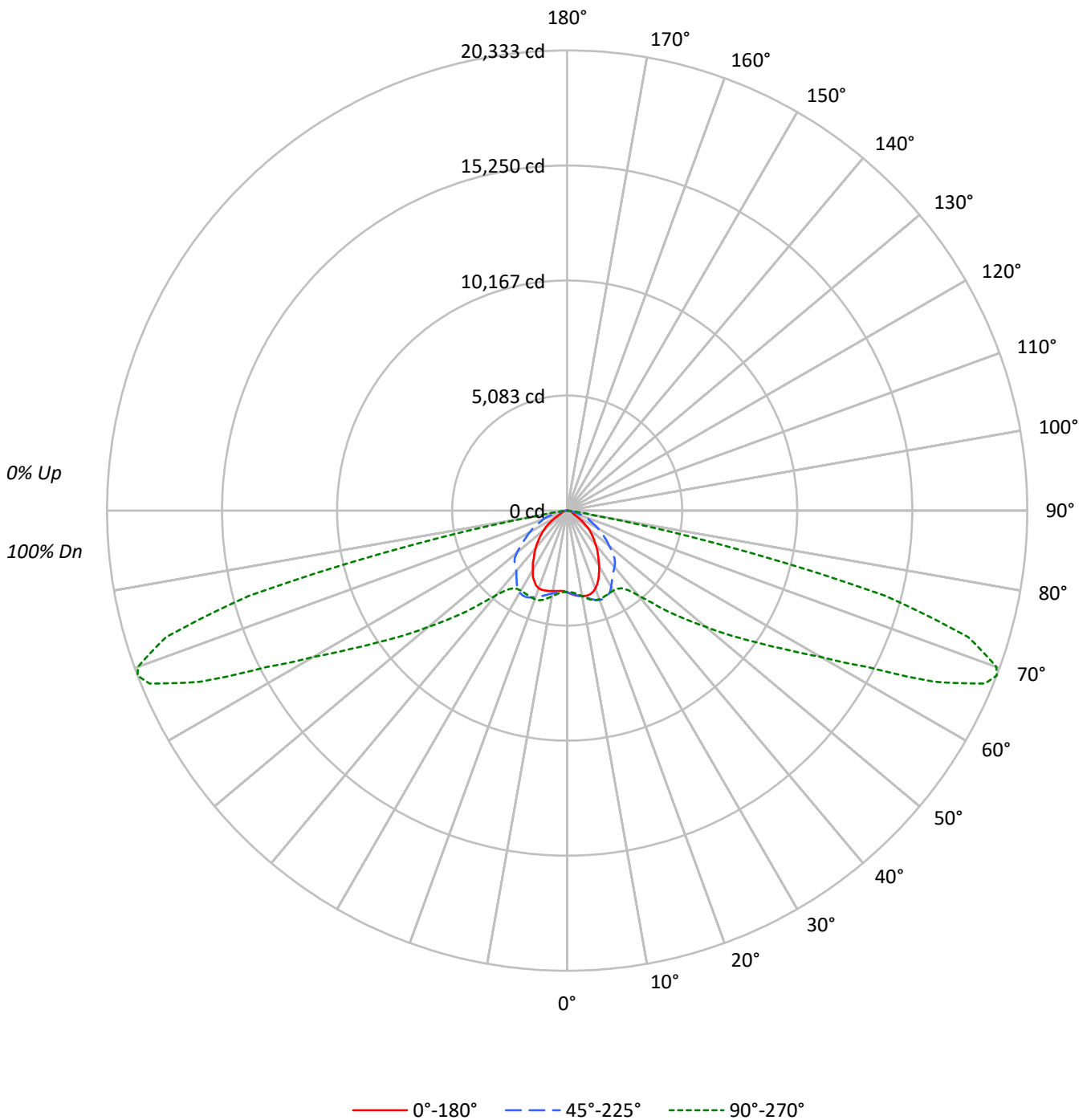
Lumens per Lamp: N/A
Luminaire Lumens: 19232.9 lumens
Efficiency: N/A
Efficacy: 127.8 lumens/watt
Spacing Criteria (0/90/45): 1.2 / 3.07 / 1.6
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
CIE Type: Direct

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



TEST NUMBER: P148981
CATALOG NUMBER: TLM-E06-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	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°	38790	38790	38790
5°	40512	39492	38472
10°	41900	42034	39500
15°	42856	45486	40752
20°	41820	47743	41914
25°	39022	48918	40776
30°	35123	50785	37725
35°	31200	55040	33735
40°	27510	68486	30393
45°	24055	95969	26554
50°	20242	133786	22784
55°	14596	189866	17909
60°	8704	278023	10691
65°	7840	455524	7840
70°	8010	635270	8139
75°	8534	604611	8962
80°	8653	77856	9416
85°	5570	19513	7855



TEST NUMBER: P148981

CATALOG NUMBER: TLM-E06-LED-E1-RW-7050

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	353.5	1.8
10°-20°	1115.1	5.8
20°-30°	1806.6	9.4
30°-40°	2251.4	11.7
40°-50°	2813.5	14.6
50°-60°	3474.0	18.1
60°-70°	4316.6	22.4
70°-80°	2865.7	14.9
80°-90°	236.6	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°	3275.1	17.0
0°-40°	5526.6	28.7
0°-60°	11814.1	61.4
0°-90°	19232.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	19232.9	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	3604	3604	3604	3604	3604	
5°	3749	3727	3655	3598	3561	360
15°	3846	4043	4082	3881	3657	1076
25°	3286	4184	4119	4223	3433	1501
35°	2374	3497	4189	3891	2567	1487
45°	1580	2945	6304	3288	1744	1218
55°	778	1993	10117	2335	954	694
65°	308	1155	17885	1469	308	310
75°	205	456	14538	593	216	215
85°	45	86	158	113	64	58
90°	0	0	0	0	0	



TEST NUMBER: P148981

CATALOG NUMBER: TLM-E06-LED-E1-RW-7050

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	70°	71°	72°
0°	3603.7	3603.7	3603.7	3603.7	3603.7	3603.7	3603.7	3603.7	3603.7	3603.7	3603.7
2.5°	3685.8	3698.1	3685.8	3685.8	3675.5	3665.2	3659.1	3644.7	3636.5	3632.4	3632.4
5°	3749.4	3747.3	3749.4	3749.4	3739.1	3726.8	3718.6	3706.3	3694.0	3691.9	3689.9
7.5°	3796.6	3794.5	3800.7	3813.0	3806.9	3796.6	3796.6	3784.3	3776.1	3776.1	3772.0
10°	3833.5	3835.6	3847.9	3866.4	3870.5	3868.4	3882.8	3878.7	3874.6	3878.7	3874.6
12.5°	3858.2	3860.2	3876.6	3911.5	3934.1	3948.5	3985.4	3987.4	3989.5	3989.5	3989.5
15°	3845.8	3845.8	3878.7	3944.3	3999.8	4042.9	4090.1	4098.3	4090.1	4096.2	4092.1
17.5°	3774.0	3778.1	3831.5	3932.0	4044.9	4139.3	4190.6	4176.2	4161.9	4161.9	4155.7
20°	3650.9	3659.1	3730.9	3872.5	4051.1	4200.9	4280.9	4233.7	4194.7	4188.6	4182.4
22.5°	3499.0	3492.9	3579.1	3757.6	4003.9	4227.6	4336.3	4278.9	4209.1	4194.7	4184.5
25°	3285.6	3289.7	3380.0	3579.1	3884.8	4184.5	4352.7	4324.0	4241.9	4223.4	4200.9
27.5°	3051.6	3061.9	3158.4	3361.5	3700.1	4077.7	4334.3	4369.2	4305.5	4285.0	4264.5
30°	2825.9	2832.1	2940.8	3158.4	3472.3	3888.9	4285.0	4418.4	4385.6	4369.2	4350.7
32.5°	2585.8	2606.3	2700.7	2947.0	3291.7	3681.7	4209.1	4469.7	4482.0	4471.8	4461.5
35°	2374.4	2390.8	2497.5	2756.1	3117.3	3497.0	4116.7	4525.1	4609.3	4607.2	4605.2
37.5°	2183.6	2187.7	2300.5	2563.2	2944.9	3367.7	4020.3	4615.4	4765.2	4785.8	4810.4
40°	1957.8	1978.3	2095.3	2378.5	2774.6	3256.9	3938.2	4736.5	4982.8	5027.9	5062.8
42.5°	1777.2	1777.2	1881.9	2163.0	2573.5	3129.6	3909.5	4888.4	5241.3	5302.9	5364.5
45°	1580.2	1586.4	1686.9	1943.4	2343.6	2944.9	3905.4	5056.6	5530.7	5619.0	5694.9
47.5°	1393.5	1397.6	1504.3	1752.6	2105.6	2690.4	3854.1	5243.4	5834.4	5961.7	6045.8
50°	1208.8	1202.6	1305.2	1557.6	1894.2	2427.8	3689.9	5485.6	6212.0	6339.3	6435.7
52.5°	981.0	997.4	1108.2	1348.3	1686.9	2204.1	3355.4	5723.6	6602.0	6745.6	6877.0
55°	777.8	775.7	900.9	1118.5	1463.2	1992.7	2959.3	5891.9	6981.6	7147.9	7293.6
57.5°	558.2	564.4	671.1	886.6	1231.3	1803.9	2659.7	5863.2	7275.1	7472.1	7656.8
60°	404.3	416.6	496.6	654.7	983.0	1586.4	2450.3	5530.7	7476.2	7745.0	7968.7
62.5°	340.7	350.9	420.7	506.9	759.3	1358.6	2247.2	4997.1	7736.8	8091.9	8416.1
65°	307.8	316.0	385.8	435.1	582.8	1155.4	2119.9	4619.5	8079.6	8619.3	9062.6
67.5°	277.0	289.4	350.9	387.9	494.6	1032.3	2083.0	4562.1	8145.2	8859.4	9489.4
69°	262.7	275.0	330.4	363.2	465.9	993.3	2013.2	4354.8	7716.3	8483.8	9189.8
70°	254.5	264.7	314.0	348.9	457.6	956.3	1914.7	4051.1	7260.7	8034.4	8793.7
72.5°	234.0	240.1	281.2	316.0	420.7	734.7	1450.9	2926.5	5419.9	6185.4	6930.3
75°	205.2	211.4	248.3	283.2	326.3	455.6	880.4	1736.2	3326.6	3841.7	4588.7
77.5°	176.5	182.6	213.4	266.8	258.6	297.6	537.7	1038.4	1744.4	2000.9	2479.1
80°	139.6	147.8	178.5	256.5	215.5	236.0	394.0	767.5	1061.0	1167.7	1292.9
82.5°	98.5	102.6	135.4	205.2	162.1	178.5	295.5	638.2	851.7	929.7	966.6
85°	45.1	47.2	80.0	121.1	96.5	86.2	158.0	408.4	564.4	586.9	619.8
87.5°	0.0	0.0	8.2	8.2	16.4	10.3	18.5	51.3	86.2	86.2	104.7
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: P148981

CATALOG NUMBER: TLM-E06-LED-E1-RW-7050

CANDELA DISTRIBUTION (continued):

	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°	83°
0°	3603.7	3603.7	3603.7	3603.7	3603.7	3603.7	3603.7	3603.7	3603.7	3603.7	3603.7
2.5°	3634.5	3632.4	3634.5	3634.5	3636.5	3628.3	3626.3	3624.2	3622.2	3624.2	3620.1
5°	3689.9	3687.8	3687.8	3689.9	3687.8	3681.7	3679.6	3679.6	3673.5	3671.4	3671.4
7.5°	3774.0	3769.9	3763.8	3767.9	3769.9	3767.9	3769.9	3763.8	3763.8	3757.6	3759.7
10°	3878.7	3874.6	3872.5	3876.6	3878.7	3876.6	3878.7	3870.5	3868.4	3866.4	3862.3
12.5°	3993.6	3985.4	3991.6	3991.6	3993.6	4001.8	3991.6	3995.7	3987.4	3987.4	3985.4
15°	4094.2	4092.1	4096.2	4096.2	4094.2	4100.3	4098.3	4100.3	4090.1	4086.0	4096.2
17.5°	4157.8	4151.6	4153.7	4151.6	4151.6	4151.6	4155.7	4155.7	4149.6	4147.5	4151.6
20°	4174.2	4163.9	4161.9	4159.8	4155.7	4155.7	4157.8	4153.7	4149.6	4145.5	4149.6
22.5°	4170.1	4157.8	4145.5	4139.3	4133.2	4124.9	4122.9	4118.8	4112.6	4112.6	4114.7
25°	4184.5	4161.9	4143.4	4131.1	4114.7	4104.4	4096.2	4086.0	4075.7	4069.5	4071.6
27.5°	4233.7	4209.1	4184.5	4159.8	4135.2	4114.7	4098.3	4079.8	4063.4	4051.1	4044.9
30°	4326.1	4293.2	4264.5	4235.8	4205.0	4176.2	4149.6	4120.8	4090.1	4071.6	4055.2
32.5°	4432.8	4410.2	4391.7	4358.9	4326.1	4291.2	4258.3	4233.7	4188.6	4153.7	4124.9
35°	4594.9	4586.7	4576.4	4551.8	4514.9	4496.4	4469.7	4430.7	4377.4	4346.6	4303.5
37.5°	4818.6	4820.6	4812.4	4802.2	4806.3	4771.4	4755.0	4750.9	4697.5	4677.0	4613.4
40°	5093.6	5124.4	5151.0	5151.0	5171.6	5173.6	5169.5	5204.4	5165.4	5173.6	5105.9
42.5°	5399.4	5473.2	5514.3	5545.1	5612.8	5643.6	5694.9	5770.8	5774.9	5813.9	5818.0
45°	5760.6	5842.6	5920.6	6000.7	6091.0	6197.7	6304.4	6382.4	6505.5	6532.2	6620.4
47.5°	6136.1	6255.1	6345.4	6448.0	6602.0	6739.5	6897.5	7057.6	7199.2	7299.7	7357.2
50°	6550.7	6671.7	6803.1	6918.0	7082.2	7275.1	7494.7	7714.3	7896.9	8075.4	8219.1
52.5°	7010.4	7143.7	7266.9	7416.7	7582.9	7812.8	8052.9	8354.6	8598.8	8843.0	9019.5
55°	7451.6	7601.4	7714.3	7905.1	8077.5	8313.5	8611.1	8968.2	9306.8	9602.3	9842.4
57.5°	7835.3	7983.1	8141.1	8305.3	8514.6	8750.6	9115.9	9522.3	9908.1	10295.9	10651.0
60°	8194.5	8393.5	8565.9	8783.5	8992.8	9265.7	9700.8	10203.6	10731.0	11213.3	11568.3
62.5°	8736.3	8990.7	9193.9	9462.7	9754.2	10076.4	10556.6	11110.7	11798.2	12420.0	12972.0
65°	9493.5	9883.4	10211.8	10542.2	10897.2	11340.5	11859.7	12563.6	13323.0	14242.3	14970.9
67.5°	10033.3	10521.7	10946.5	11361.0	11769.4	12259.9	12902.2	13727.2	14710.2	15676.8	16602.4
69°	9815.7	10332.9	10804.9	11217.4	11648.3	12138.8	12764.8	13669.8	14671.3	15734.3	16651.6
70°	9358.1	9916.3	10421.1	10815.2	11256.4	11742.8	12434.3	13298.3	14320.3	15420.3	16319.2
72.5°	7525.5	8114.4	8613.1	9050.2	9512.0	10082.5	10698.2	11527.3	12660.1	13737.5	14537.9
75°	5183.9	5733.9	6298.2	6624.5	7154.0	7560.3	8145.2	8994.8	9940.9	10733.1	11473.9
77.5°	2932.6	3228.1	3655.0	3788.4	4168.0	4438.9	4748.8	5272.1	5764.7	6224.4	6357.7
80°	1333.9	1245.7	1288.8	1223.1	1294.9	1249.8	1198.5	1227.2	1221.1	1313.4	1227.2
82.5°	960.4	829.1	689.5	595.1	523.3	443.3	377.6	338.6	334.5	350.9	344.8
85°	613.6	560.3	439.2	353.0	270.9	209.3	174.4	158.0	158.0	168.3	166.2
87.5°	106.7	92.3	57.5	49.3	43.1	28.7	18.5	18.5	16.4	20.5	26.7
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: P148981

CATALOG NUMBER: TLM-E06-LED-E1-RW-7050

CANDELA DISTRIBUTION (continued):

	84°	85°	86°	87°	88°	89°	90°	91°	92°	93°	94°
0°	3603.7	3603.7	3603.7	3603.7	3603.7	3603.7	3603.7	3603.7	3603.7	3603.7	3603.7
2.5°	3620.1	3618.0	3613.9	3611.9	3611.9	3607.8	3605.7	3609.8	3611.9	3613.9	3607.8
5°	3671.4	3665.2	3663.2	3665.2	3655.0	3657.0	3655.0	3657.0	3657.0	3657.0	3652.9
7.5°	3753.5	3747.3	3751.4	3747.3	3741.2	3739.1	3739.1	3733.0	3724.8	3722.7	3724.8
10°	3866.4	3858.2	3860.2	3862.3	3856.1	3852.0	3845.8	3837.6	3837.6	3835.6	3831.5
12.5°	3987.4	3983.3	3983.3	3985.4	3983.3	3975.1	3966.9	3962.8	3960.8	3960.8	3960.8
15°	4092.1	4090.1	4092.1	4090.1	4090.1	4086.0	4081.8	4075.7	4073.6	4075.7	4077.7
17.5°	4151.6	4145.5	4151.6	4153.7	4151.6	4151.6	4151.6	4147.5	4145.5	4145.5	4147.5
20°	4155.7	4151.6	4155.7	4161.9	4161.9	4163.9	4168.0	4170.1	4168.0	4172.1	4174.2
22.5°	4114.7	4114.7	4120.8	4127.0	4137.3	4141.4	4149.6	4153.7	4157.8	4163.9	4168.0
25°	4073.6	4071.6	4077.7	4090.1	4098.3	4108.5	4118.8	4127.0	4135.2	4143.4	4151.6
27.5°	4044.9	4042.9	4047.0	4057.2	4067.5	4079.8	4096.2	4108.5	4118.8	4129.0	4135.2
30°	4047.0	4038.8	4036.7	4044.9	4055.2	4069.5	4086.0	4100.3	4114.7	4122.9	4129.0
32.5°	4106.5	4086.0	4077.7	4075.7	4079.8	4090.1	4102.4	4116.7	4127.0	4135.2	4137.3
35°	4260.4	4221.4	4213.2	4186.5	4190.6	4188.6	4188.6	4196.8	4205.0	4205.0	4190.6
37.5°	4572.3	4516.9	4477.9	4451.2	4424.6	4422.5	4418.4	4414.3	4393.8	4381.5	4379.4
40°	5058.7	5036.1	4962.2	4941.7	4896.6	4865.8	4874.0	4857.6	4808.3	4789.9	4781.7
42.5°	5768.8	5781.1	5740.0	5643.6	5604.6	5545.1	5495.8	5487.6	5442.5	5405.5	5376.8
45°	6602.0	6624.5	6593.8	6524.0	6454.2	6363.9	6304.4	6189.5	6144.3	6086.9	6047.9
47.5°	7457.7	7519.3	7470.0	7408.5	7369.5	7227.9	7104.8	6971.4	6903.6	6821.5	6784.6
50°	8307.3	8416.1	8387.4	8329.9	8286.8	8108.3	7989.3	7804.6	7765.6	7683.5	7638.3
52.5°	9157.0	9263.7	9327.3	9273.9	9243.2	9099.5	9017.4	8869.7	8758.8	8707.5	8705.5
55°	10014.8	10187.2	10287.7	10269.3	10218.0	10199.5	10117.4	10103.0	10016.8	9961.4	9887.6
57.5°	10854.1	11036.8	11211.2	11313.8	11356.9	11342.6	11381.6	11377.5	11389.8	11383.6	11262.5
60°	11921.3	12210.7	12465.1	12627.3	12781.2	12887.9	12914.6	13072.6	13027.4	13125.9	12937.1
62.5°	13427.6	13803.2	14189.0	14359.3	14548.1	14894.9	14977.0	15163.8	15192.5	15217.1	15116.6
65°	15527.0	16019.6	16602.4	16863.0	17158.5	17603.9	17885.0	18084.1	18077.9	17942.5	17813.2
67.5°	17318.6	17901.4	18437.1	18890.6	19331.8	19678.7	19974.2	20243.0	20257.4	20173.2	19951.6
69°	17472.5	18082.0	18664.9	19210.7	19647.9	20033.7	20333.3	20542.6	20587.8	20513.9	20308.7
70°	17187.3	17802.9	18437.1	18960.4	19455.0	19863.3	20185.5	20386.7	20448.2	20372.3	20179.4
72.5°	15432.6	16029.8	16503.9	17119.5	17823.5	18080.0	18576.6	18740.8	18892.7	18792.1	18677.2
75°	12089.6	12651.9	13142.4	13462.5	13784.7	14418.8	14537.9	14845.7	14950.4	14851.9	14979.1
77.5°	6298.2	6677.9	6842.1	6585.5	6624.5	7125.3	6842.1	7174.5	7365.4	7420.8	7500.8
80°	1204.6	1266.2	1313.4	1297.0	1313.4	1350.4	1256.0	1204.6	1272.4	1258.0	1258.0
82.5°	355.0	348.9	348.9	367.3	365.3	373.5	373.5	359.1	369.4	369.4	371.5
85°	162.1	153.9	151.9	153.9	151.9	151.9	158.0	158.0	170.3	160.1	162.1
87.5°	20.5	18.5	20.5	20.5	16.4	16.4	18.5	20.5	20.5	18.5	18.5
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: P148981

CATALOG NUMBER: TLM-E06-LED-E1-RW-7050

CANDELA DISTRIBUTION (continued):

	95°	96°	97°	98°	99°	100°	105°	115°	125°	135°	145°
0°	3603.7	3603.7	3603.7	3603.7	3603.7	3603.7	3603.7	3603.7	3603.7	3603.7	3603.7
2.5°	3605.7	3603.7	3603.7	3603.7	3601.6	3599.6	3597.5	3591.4	3585.2	3583.2	3572.9
5°	3644.7	3646.8	3642.7	3638.6	3638.6	3638.6	3632.4	3616.0	3603.7	3597.5	3583.2
7.5°	3726.8	3722.7	3716.6	3714.5	3710.4	3712.4	3700.1	3679.6	3657.0	3642.7	3620.1
10°	3835.6	3831.5	3827.4	3823.3	3817.1	3817.1	3802.7	3772.0	3737.1	3712.4	3671.4
12.5°	3962.8	3958.7	3954.6	3952.6	3942.3	3940.2	3919.7	3882.8	3837.6	3790.4	3730.9
15°	4079.8	4073.6	4071.6	4065.4	4059.3	4057.2	4038.8	3989.5	3934.1	3880.7	3802.7
17.5°	4153.7	4149.6	4143.4	4139.3	4137.3	4135.2	4108.5	4067.5	4024.4	3971.0	3876.6
20°	4178.3	4180.4	4176.2	4172.1	4166.0	4161.9	4137.3	4098.3	4090.1	4061.3	3964.9
22.5°	4174.2	4174.2	4172.1	4163.9	4159.8	4149.6	4114.7	4096.2	4141.4	4153.7	4030.5
25°	4157.8	4155.7	4149.6	4143.4	4131.1	4116.7	4063.4	4073.6	4200.9	4223.4	4044.9
27.5°	4139.3	4137.3	4127.0	4112.6	4094.2	4073.6	4005.9	4073.6	4256.3	4237.8	3985.4
30°	4129.0	4120.8	4106.5	4086.0	4061.3	4038.8	3964.9	4127.0	4295.3	4188.6	3821.2
32.5°	4131.1	4116.7	4096.2	4069.5	4040.8	4014.1	3962.8	4221.4	4309.6	4069.5	3589.3
35°	4180.4	4157.8	4131.1	4104.4	4075.7	4051.1	4055.2	4352.7	4307.6	3891.0	3365.6
37.5°	4358.9	4319.9	4301.4	4272.7	4231.7	4211.1	4293.2	4498.4	4278.9	3673.5	3168.6
40°	4752.9	4720.1	4693.4	4619.5	4633.9	4617.5	4695.5	4697.5	4241.9	3490.8	3004.4
42.5°	5327.5	5327.5	5270.1	5259.8	5220.8	5239.3	5274.2	4931.5	4205.0	3382.0	2842.3
45°	6004.8	6056.1	6033.5	6027.3	6058.1	6095.1	5935.0	5208.5	4207.0	3287.6	2653.5
47.5°	6809.2	6852.3	6874.9	6911.8	6950.8	6928.3	6597.9	5499.9	4244.0	3152.2	2411.3
50°	7665.0	7769.7	7802.5	7849.7	7884.6	7890.8	7225.8	5799.5	4283.0	2903.9	2148.7
52.5°	8726.0	8824.5	8859.4	8892.2	8865.6	8843.0	7841.5	6154.6	4252.2	2608.4	1925.0
55°	9973.7	9992.2	9986.1	9945.0	9922.4	9799.3	8412.0	6532.2	4012.1	2335.4	1711.5
57.5°	11272.8	11281.0	11207.1	11063.5	10897.2	10780.3	8960.0	6844.1	3503.1	2115.8	1500.2
60°	12945.3	12777.1	12651.9	12432.3	12161.4	11911.0	9546.9	7018.6	3016.8	1904.5	1262.1
62.5°	14964.7	14628.2	14357.3	14135.6	13735.4	13294.2	10295.9	7041.1	2721.2	1703.3	991.2
65°	17579.2	17224.2	16762.5	16382.8	15949.8	15354.6	11504.7	6879.0	2575.5	1469.4	724.4
67.5°	19637.6	19278.5	18761.3	18336.5	17778.3	17084.7	12506.2	6595.8	2540.6	1258.0	570.5
69°	19996.7	19604.8	19138.9	18607.4	18014.3	17273.5	12545.2	6267.5	2487.3	1178.0	523.3
70°	19865.4	19457.0	19007.6	18443.2	17778.3	17016.9	12249.6	5902.2	2380.6	1132.8	506.9
72.5°	18391.9	17770.1	17318.6	16836.3	16027.8	15256.1	10546.3	4465.6	1853.1	954.3	474.1
75°	14724.6	14193.1	13684.1	13444.0	12773.0	12118.3	7917.4	2836.2	1210.8	593.1	371.5
77.5°	7507.0	7410.5	7556.2	7447.5	6963.2	6963.2	4886.3	1506.3	712.1	357.1	283.2
80°	1348.3	1405.8	1379.1	1436.5	1336.0	1483.7	1717.7	1011.7	504.8	272.9	231.9
82.5°	377.6	381.7	377.6	379.7	392.0	412.5	892.7	870.1	389.9	205.2	180.6
85°	176.5	178.5	182.6	182.6	199.1	203.2	599.2	623.9	227.8	112.9	121.1
87.5°	20.5	26.7	26.7	24.6	28.7	28.7	110.8	125.2	30.8	22.6	36.9
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: P148981

CATALOG NUMBER: TLM-E06-LED-E1-RW-7050

CANDELA DISTRIBUTION (continued):

	155°	165°	175°	180°
0°	3603.7	3603.7	3603.7	3603.7
2.5°	3564.7	3556.5	3548.3	3554.4
5°	3577.0	3564.7	3554.4	3560.6
7.5°	3609.8	3589.3	3587.3	3587.3
10°	3650.9	3622.2	3613.9	3613.9
12.5°	3694.0	3655.0	3640.6	3640.6
15°	3739.1	3683.7	3663.2	3657.0
17.5°	3790.4	3712.4	3675.5	3675.5
20°	3839.7	3716.6	3661.1	3659.1
22.5°	3847.9	3669.4	3589.3	3585.2
25°	3786.3	3558.5	3453.9	3433.3
27.5°	3640.6	3386.1	3275.3	3271.2
30°	3421.0	3160.4	3047.5	3035.2
32.5°	3205.6	2928.5	2823.8	2823.8
35°	2988.0	2717.1	2581.7	2567.3
37.5°	2786.9	2493.4	2372.4	2370.3
40°	2602.2	2298.5	2181.5	2163.0
42.5°	2417.5	2093.3	1959.9	1955.8
45°	2197.9	1869.6	1754.6	1744.4
47.5°	1964.0	1668.4	1547.4	1545.3
50°	1752.6	1481.7	1360.6	1360.6
52.5°	1559.7	1299.0	1178.0	1165.7
55°	1342.1	1091.8	968.6	954.3
57.5°	1106.1	859.9	749.1	718.3
60°	855.8	625.9	513.1	496.6
62.5°	623.9	457.6	373.5	361.2
65°	470.0	389.9	320.1	307.8
67.5°	404.3	350.9	291.4	279.1
69°	375.6	332.5	279.1	266.8
70°	363.2	320.1	268.8	258.6
72.5°	334.5	293.5	246.3	242.2
75°	305.8	266.8	221.6	215.5
77.5°	295.5	231.9	190.9	186.8
80°	301.7	188.8	156.0	151.9
82.5°	246.3	151.9	121.1	114.9
85°	153.9	102.6	63.6	63.6
87.5°	39.0	32.8	18.5	18.5
90°	0.0	0.0	0.0	0.0

(END OF REPORT)