

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: P150119

Luminaire Tested: **TLM-E06-LED-E1-SL2-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P150119
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33678)
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-SL2-7030
Description: TALON MEDIUM LED SITE LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (126) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

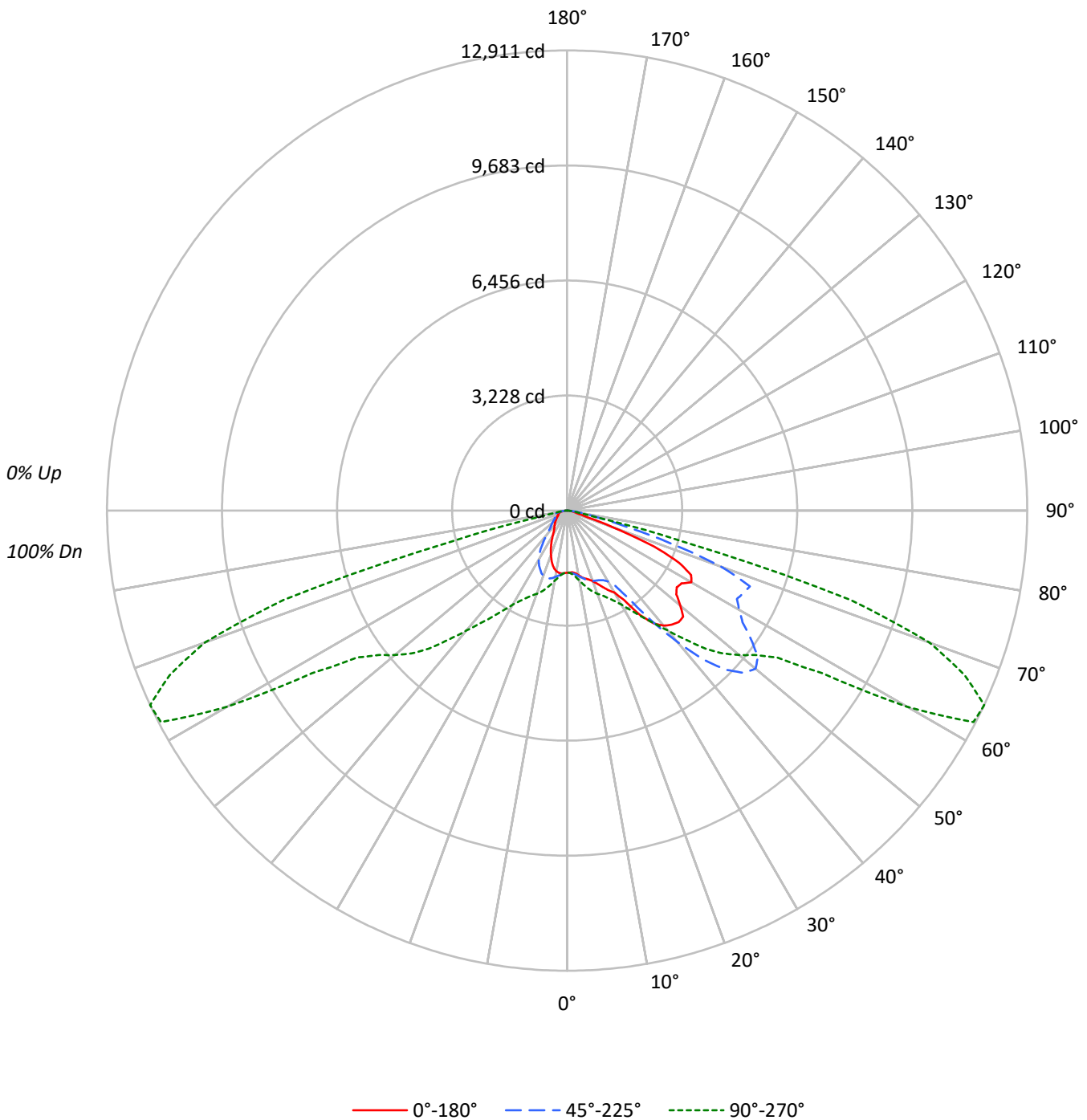
Lumens per Lamp: N/A
Luminaire Lumens: 16742.2 lumens
Efficiency: N/A
Efficacy: 111.2 lumens/watt
Spacing Criteria (0/90/45): 1.99 / 4.45 / 2.31
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
CIE Type: Direct

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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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	100	94	90	103	98	93	88	93	89	85	89	86	83	85	83	80	78					78			
2	93	83	74	67	90	81	73	66	77	70	64	74	68	63	70	66	61	59					59			
3	82	69	59	51	80	68	58	51	64	56	50	61	54	49	59	53	48	45					45			
4	74	59	48	40	71	57	47	40	55	46	39	52	45	38	50	43	38	35					35			
5	66	51	40	32	64	50	39	32	47	38	31	45	37	31	43	36	30	28					28			
6	60	44	34	26	58	43	33	26	41	32	26	40	32	25	38	31	25	23					23			
7	55	39	29	22	53	38	29	22	37	28	22	35	27	21	34	27	21	19					19			
8	51	35	25	19	49	34	25	19	33	24	18	32	24	18	30	23	18	16					16			
9	47	32	22	16	46	31	22	16	30	22	16	29	21	16	28	21	16	14					14			
10	44	29	20	14	42	28	20	14	27	19	14	26	19	14	25	19	14	12					12			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	18758	18758	18758
5°	18771	19461	19145
10°	20086	21823	18908
15°	22005	25201	17588
20°	24126	28436	15191
25°	28138	32087	12562
30°	33012	37803	9922
35°	47071	47670	8281
40°	59215	61680	7700
45°	67376	83393	7313
50°	69407	105595	6913
55°	70411	134654	6718
60°	86632	236892	6684
65°	88492	328840	7025
70°	42427	340393	7991
75°	11699	140166	9723
80°	9850	19588	9627
85°	6546	12177	10374



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	173.2	1.0
10°-20°	566.4	3.4
20°-30°	978.4	5.8
30°-40°	1619.5	9.7
40°-50°	2746.6	16.4
50°-60°	3649.3	21.8
60°-70°	4714.1	28.2
70°-80°	1977.1	11.8
80°-90°	317.6	1.9
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°	1718.0	10.3
0°-40°	3337.5	19.9
0°-60°	9733.5	58.1
0°-90°	16742.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	16742.2	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	1743	1743	1743	1743	1743	
5°	1737	1766	1801	1790	1772	169
15°	1975	1998	2262	1971	1578	563
25°	2369	2152	2702	1807	1058	1106
35°	3582	2988	3628	1279	630	2217
45°	4426	6317	5478	656	480	3361
55°	3752	6295	7175	446	358	3475
65°	3474	5458	12911	354	276	3140
75°	281	1569	3370	369	234	453
85°	53	132	99	113	84	71
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1742.7	1742.7	1742.7	1742.7	1742.7	1742.7	1742.7	1742.7	1742.7	1742.7	1742.7
2.5°	1737.2	1742.7	1739.0	1742.7	1746.3	1748.2	1751.8	1750.0	1750.0	1751.8	1748.2
5°	1737.2	1737.2	1742.7	1751.8	1755.5	1766.4	1779.2	1777.4	1779.2	1777.4	1781.0
7.5°	1773.7	1771.9	1777.4	1788.3	1792.0	1808.4	1830.4	1834.0	1837.7	1837.7	1843.1
10°	1837.7	1835.8	1841.3	1846.8	1852.3	1865.1	1896.1	1908.9	1910.7	1912.6	1919.9
12.5°	1918.0	1916.2	1908.9	1908.9	1907.1	1930.8	1972.8	1996.6	2000.2	2007.5	2013.0
15°	1974.7	1969.2	1958.2	1950.9	1960.0	1998.4	2060.5	2087.9	2091.6	2097.1	2111.7
17.5°	2029.5	2024.0	2000.2	1982.0	1994.8	2056.9	2140.9	2170.1	2177.4	2182.9	2199.3
20°	2106.2	2102.5	2067.8	2024.0	2020.3	2100.7	2203.0	2241.4	2246.8	2254.1	2270.6
22.5°	2223.1	2206.7	2166.5	2084.3	2044.1	2126.3	2246.8	2299.8	2307.1	2314.4	2336.4
25°	2369.2	2361.9	2292.5	2166.5	2082.4	2151.9	2294.3	2360.1	2371.1	2380.2	2409.4
27.5°	2520.8	2509.9	2435.0	2270.6	2150.0	2203.0	2369.2	2444.1	2458.7	2473.4	2500.8
30°	2656.0	2652.4	2590.3	2411.2	2259.6	2299.8	2489.8	2581.1	2597.6	2615.8	2641.4
32.5°	2973.9	2975.7	2911.8	2729.1	2524.5	2475.2	2663.3	2800.3	2807.6	2829.6	2875.2
35°	3582.2	3589.5	3565.7	3421.4	3191.2	2988.5	3006.7	3141.9	3149.2	3167.5	3211.3
37.5°	3989.5	4004.1	4077.2	4122.9	4006.0	3912.8	3680.8	3627.8	3633.3	3622.3	3613.2
40°	4214.2	4236.1	4427.9	4665.4	4793.3	4795.1	4694.6	4460.8	4371.3	4345.7	4236.1
42.5°	4342.1	4378.6	4650.8	5056.3	5423.5	5675.6	5737.7	5478.3	5412.5	5295.6	5085.5
45°	4426.1	4469.9	4791.4	5346.8	5887.5	6316.7	6640.1	6525.0	6481.1	6409.9	6216.3
47.5°	4411.5	4446.2	4780.5	5445.4	6130.4	6740.5	7314.1	7432.8	7379.9	7361.6	7230.1
50°	4144.8	4175.8	4515.6	5200.6	5997.1	6901.3	7741.6	8077.7	8077.7	8112.4	8072.2
52.5°	3859.8	3885.4	4194.1	4809.7	5566.0	6744.2	7979.0	8536.2	8609.2	8669.5	8764.5
55°	3752.0	3783.1	4016.9	4543.0	5198.8	6294.8	8059.4	8879.6	9014.8	9117.1	9332.6
57.5°	3803.2	3834.2	4000.5	4398.7	4983.2	5836.3	8063.1	9341.7	9603.0	9813.0	10249.6
60°	4024.2	4053.4	4192.3	4532.0	4926.6	5571.4	7907.8	10077.9	10494.4	10889.0	11616.0
62.5°	3921.9	3958.5	4161.2	4753.1	5348.6	5370.5	7347.0	10647.8	11318.2	11901.0	13057.3
65°	3474.4	3512.7	3671.7	4225.2	5374.2	5458.2	6515.8	10658.8	11491.8	12279.1	13526.7
67.5°	2637.8	2652.4	2778.4	3222.3	4298.2	5555.0	5660.9	9396.5	10189.3	11068.0	12355.8
70°	1348.1	1373.7	1410.2	1779.2	2767.5	4590.5	4864.5	6925.0	7935.2	8843.1	10390.3
72.5°	467.6	476.8	513.3	679.5	1348.1	3012.2	4258.0	4745.8	5355.9	6205.3	7997.3
75°	281.3	281.3	294.1	343.4	615.6	1569.1	3788.6	3876.3	3958.5	4243.4	5416.2
77.5°	222.9	226.5	226.5	235.6	341.6	805.6	2877.1	3604.1	3615.0	3642.4	3839.7
80°	158.9	166.2	180.8	188.2	221.0	442.1	1614.8	3163.8	3379.4	3483.5	3627.8
82.5°	118.7	126.0	153.4	162.6	171.7	246.6	725.2	2182.9	2575.6	2783.9	3291.7
85°	53.0	62.1	104.1	115.1	120.6	131.5	339.8	621.1	714.2	801.9	1057.7
87.5°	9.1	9.1	16.4	23.7	34.7	32.9	74.9	105.9	107.8	126.0	140.7
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):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1742.7	1742.7	1742.7	1742.7	1742.7	1742.7	1742.7	1742.7	1742.7	1742.7	1742.7
2.5°	1748.2	1748.2	1748.2	1746.3	1748.2	1748.2	1748.2	1748.2	1750.0	1750.0	1750.0
5°	1786.5	1782.9	1784.7	1784.7	1784.7	1782.9	1786.5	1784.7	1786.5	1792.0	1790.2
7.5°	1843.1	1846.8	1848.6	1850.4	1850.4	1850.4	1852.3	1855.9	1855.9	1861.4	1859.6
10°	1927.2	1925.3	1927.2	1932.6	1938.1	1940.0	1945.4	1943.6	1947.3	1954.6	1961.9
12.5°	2016.7	2020.3	2025.8	2031.3	2040.4	2042.3	2047.7	2049.6	2060.5	2060.5	2067.8
15°	2117.1	2119.0	2129.9	2131.8	2142.7	2146.4	2155.5	2159.2	2171.9	2173.8	2181.1
17.5°	2208.5	2212.1	2217.6	2223.1	2235.9	2241.4	2248.7	2256.0	2266.9	2270.6	2283.4
20°	2281.5	2288.9	2290.7	2301.6	2312.6	2319.9	2327.2	2334.5	2345.5	2351.0	2363.8
22.5°	2347.3	2354.6	2360.1	2369.2	2376.5	2387.5	2391.2	2403.9	2414.9	2424.0	2435.0
25°	2418.6	2429.5	2435.0	2451.4	2456.9	2467.9	2477.0	2489.8	2504.4	2515.4	2530.0
27.5°	2519.0	2535.5	2542.8	2561.0	2573.8	2579.3	2593.9	2612.2	2625.0	2637.8	2652.4
30°	2657.8	2688.9	2694.4	2707.2	2730.9	2734.6	2752.8	2767.5	2787.5	2800.3	2813.1
32.5°	2873.4	2911.8	2915.4	2930.0	2950.1	2957.4	2972.0	2988.5	3019.5	3025.0	3045.1
35°	3204.0	3220.5	3235.1	3240.6	3257.0	3266.1	3277.1	3295.4	3326.4	3322.8	3344.7
37.5°	3600.4	3605.9	3607.7	3589.5	3593.1	3576.7	3596.8	3600.4	3611.4	3620.5	3642.4
40°	4166.7	4110.1	4102.8	4058.9	4015.1	3991.3	3982.2	3945.7	3954.8	3958.5	3976.7
42.5°	4994.2	4884.6	4793.3	4731.2	4623.4	4570.4	4499.2	4442.5	4398.7	4415.1	4422.4
45°	6042.7	5885.6	5739.5	5549.5	5408.9	5308.4	5182.3	5069.1	5017.9	4994.2	5023.4
47.5°	7089.4	6950.6	6778.9	6583.4	6360.6	6194.3	5984.3	5799.8	5671.9	5624.4	5650.0
50°	7993.6	7865.8	7736.1	7621.0	7361.6	7180.8	6894.0	6654.7	6453.7	6351.4	6324.0
52.5°	8744.4	8676.8	8607.4	8510.6	8302.4	8121.5	7893.2	7657.5	7390.8	7182.6	7111.3
55°	9414.8	9455.0	9420.3	9422.1	9339.9	9224.8	9031.2	8855.8	8669.5	8433.9	8335.2
57.5°	10392.1	10629.6	10677.1	10795.8	10854.3	10916.4	10971.2	10867.0	10819.5	10644.2	10646.0
60°	11932.0	12279.1	12580.5	12854.5	13079.2	13298.4	13528.5	13630.8	13744.1	13797.1	13977.9
62.5°	13570.6	13901.2	14350.6	14717.7	14924.1	15209.1	15459.4	15621.9	15821.1	16033.0	16308.8
65°	13976.1	14374.3	14657.4	14902.2	15106.8	15258.4	15395.4	15589.1	15755.3	16091.4	16416.6
67.5°	12936.7	13254.5	13513.9	13755.1	13914.0	14041.8	14164.2	14292.1	14577.1	14882.1	15209.1
70°	11104.5	11488.1	11917.4	12229.8	12308.3	12417.9	12534.8	12701.0	12843.5	13163.2	13411.6
72.5°	8921.6	9473.3	9836.8	10269.7	10362.9	10529.1	10594.9	10724.6	10750.1	10923.7	10989.4
75°	6218.1	6850.1	7215.5	7533.3	7595.4	7504.1	7540.6	7082.1	6965.2	6870.2	6793.5
77.5°	4104.6	4274.5	4332.9	4281.8	4037.0	3845.2	3640.6	3439.7	3461.6	3299.0	3014.1
80°	3649.7	3688.1	3635.1	3584.0	3443.3	3242.4	3057.9	2869.7	2776.6	2677.9	2531.8
82.5°	3551.1	3699.1	3715.5	3653.4	3542.0	3322.8	3099.9	2820.4	2583.0	2363.8	2140.9
85°	1187.4	1444.9	1560.0	1667.8	1700.7	1739.0	1607.5	1428.5	1212.9	1068.6	836.6
87.5°	151.6	188.2	217.4	186.3	217.4	255.7	184.5	206.4	208.2	129.7	96.8
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):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1742.7	1742.7	1742.7	1742.7	1742.7	1742.7	1742.7	1742.7	1742.7	1742.7	1742.7
2.5°	1751.8	1750.0	1750.0	1750.0	1748.2	1750.0	1750.0	1750.0	1750.0	1750.0	1748.2
5°	1792.0	1792.0	1797.5	1799.3	1795.6	1793.8	1795.6	1797.5	1797.5	1795.6	1797.5
7.5°	1866.9	1868.7	1872.4	1877.8	1874.2	1876.0	1877.8	1876.0	1881.5	1883.3	1881.5
10°	1961.9	1965.5	1974.7	1976.5	1974.7	1982.0	1983.8	1980.1	1983.8	1983.8	1991.1
12.5°	2071.5	2075.1	2086.1	2089.7	2093.4	2095.2	2100.7	2102.5	2108.0	2111.7	2117.1
15°	2190.2	2193.9	2201.2	2214.0	2217.6	2221.3	2224.9	2235.9	2237.7	2245.0	2250.5
17.5°	2290.7	2296.2	2307.1	2316.3	2321.7	2330.9	2334.5	2347.3	2351.0	2361.9	2371.1
20°	2371.1	2380.2	2389.3	2400.3	2409.4	2420.4	2424.0	2436.8	2444.1	2449.6	2460.6
22.5°	2444.1	2455.1	2467.9	2480.7	2488.0	2502.6	2508.1	2513.5	2530.0	2537.3	2548.2
25°	2539.1	2550.1	2564.7	2581.1	2588.4	2606.7	2612.2	2621.3	2639.6	2646.9	2663.3
27.5°	2668.8	2683.4	2694.4	2710.8	2720.0	2732.7	2745.5	2756.5	2772.9	2783.9	2802.2
30°	2831.4	2842.3	2860.6	2873.4	2888.0	2906.3	2920.9	2931.9	2941.0	2957.4	2977.5
32.5°	3070.7	3072.5	3078.0	3109.0	3123.7	3138.3	3158.4	3167.5	3182.1	3198.6	3220.5
35°	3368.4	3384.9	3397.7	3412.3	3428.7	3445.2	3452.5	3479.9	3492.7	3514.6	3536.5
37.5°	3664.4	3666.2	3695.4	3704.5	3719.2	3735.6	3761.2	3788.6	3821.5	3843.4	3878.1
40°	3982.2	3996.8	4033.4	4051.6	4069.9	4110.1	4130.2	4174.0	4228.8	4259.9	4318.3
42.5°	4442.5	4464.5	4530.2	4559.4	4603.3	4669.0	4711.1	4771.3	4793.3	4868.2	4895.6
45°	5045.3	5112.9	5207.9	5270.0	5348.6	5419.8	5456.4	5483.8	5516.6	5575.1	5567.8
47.5°	5697.5	5785.2	5891.1	6019.0	6070.1	6154.2	6201.6	6254.6	6225.4	6210.8	6196.2
50°	6366.1	6468.3	6609.0	6724.1	6802.6	6853.8	6894.0	6886.7	6824.6	6791.7	6700.3
52.5°	7109.5	7169.8	7303.1	7401.8	7449.3	7460.2	7451.1	7396.3	7337.9	7233.7	7126.0
55°	8249.4	8222.0	8275.0	8320.6	8306.0	8357.2	8225.6	8174.5	8030.2	7895.0	7750.7
57.5°	10565.6	10602.2	10306.2	10172.9	10149.1	10196.6	9964.7	9935.4	9586.5	9542.7	9299.7
60°	13952.3	14131.4	13899.4	13769.7	13418.9	13303.9	13044.5	12936.7	12602.4	12332.1	11990.5
62.5°	16498.8	16661.3	16758.2	16573.7	16369.1	16067.7	15674.9	15240.2	14885.8	14471.1	14109.4
65°	16728.9	17057.7	17280.6	17366.4	17222.1	16891.5	16407.4	15859.4	15316.9	14796.3	14339.6
67.5°	15653.0	15947.1	16292.3	16601.1	16619.3	16403.8	15990.9	15433.8	14807.2	14164.2	13629.0
70°	13804.4	14173.4	14474.8	14799.9	15026.4	14902.2	14695.8	14184.3	13534.0	13033.5	12417.9
72.5°	11226.9	11382.2	11455.2	11774.9	11778.6	11552.1	11405.9	11122.8	10598.5	10244.1	9774.7
75°	6556.0	6214.4	5850.9	5534.9	5277.3	5169.6	4691.0	4610.6	4289.1	4090.0	3797.7
77.5°	2703.5	2398.5	2005.7	1678.7	1355.4	1209.3	997.4	904.2	783.7	730.7	696.0
80°	2318.1	2029.5	1733.5	1450.4	1198.3	946.2	736.2	571.8	449.4	381.8	354.4
82.5°	1892.5	1718.9	1512.5	1359.1	1161.8	973.6	822.0	637.5	476.8	350.7	268.5
85°	683.2	560.8	451.2	414.7	330.6	272.2	228.3	195.5	160.7	127.9	113.3
87.5°	76.7	73.1	42.0	40.2	45.7	32.9	38.4	34.7	29.2	25.6	27.4
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: P150119

CATALOG NUMBER: TLM-E06-LED-E1-SL2-7030

CANDELA DISTRIBUTION (continued):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1742.7	1742.7	1742.7	1742.7	1742.7	1742.7	1742.7	1742.7	1742.7	1742.7	1742.7
2.5°	1748.2	1748.2	1750.0	1750.0	1751.8	1753.6	1757.3	1755.5	1755.5	1757.3	1757.3
5°	1797.5	1803.0	1801.1	1801.1	1801.1	1803.0	1804.8	1797.5	1790.2	1782.9	1779.2
7.5°	1883.3	1887.0	1890.6	1887.0	1890.6	1888.8	1885.2	1865.1	1841.3	1812.1	1792.0
10°	1994.8	1994.8	1998.4	1996.6	2003.9	1998.4	1987.5	1941.8	1890.6	1828.5	1782.9
12.5°	2115.3	2128.1	2122.6	2124.5	2139.1	2124.5	2098.9	2031.3	1940.0	1839.5	1759.1
15°	2257.8	2263.3	2266.9	2261.5	2270.6	2257.8	2212.1	2104.4	1971.0	1830.4	1711.6
17.5°	2374.7	2376.5	2378.4	2382.0	2394.8	2380.2	2301.6	2155.5	1978.3	1788.3	1631.2
20°	2466.0	2475.2	2482.5	2482.5	2500.8	2478.8	2374.7	2181.1	1954.6	1718.9	1528.9
22.5°	2561.0	2568.3	2577.5	2579.3	2603.0	2581.1	2435.0	2175.6	1892.5	1620.3	1410.2
25°	2677.9	2685.2	2692.6	2701.7	2734.6	2703.5	2495.3	2153.7	1806.6	1503.4	1282.3
27.5°	2813.1	2829.6	2835.0	2849.7	2888.0	2840.5	2546.4	2120.8	1711.6	1368.2	1147.2
30°	2994.0	3014.1	3021.4	3041.5	3094.4	2990.3	2575.6	2064.2	1591.1	1231.2	1002.9
32.5°	3236.9	3264.3	3286.2	3308.2	3368.4	3140.1	2579.3	1982.0	1450.4	1077.8	864.0
35°	3554.8	3596.8	3613.2	3627.8	3684.5	3302.7	2562.9	1859.6	1278.7	920.7	754.4
37.5°	3911.0	3953.0	3963.9	3971.2	3982.2	3441.5	2522.7	1673.3	1085.1	783.7	666.7
40°	4349.4	4385.9	4400.5	4389.6	4331.1	3549.3	2433.2	1455.9	896.9	690.5	611.9
42.5°	4884.6	4939.4	4944.9	4895.6	4701.9	3609.6	2254.1	1200.1	748.9	622.9	569.9
45°	5547.7	5544.0	5513.0	5478.3	5105.6	3585.8	2003.9	977.3	655.8	569.9	531.6
47.5°	6143.2	6081.1	6033.6	5931.3	5461.8	3447.0	1680.6	809.2	599.2	529.7	498.7
50°	6630.9	6517.7	6417.2	6305.8	5726.7	3200.4	1359.1	686.8	546.2	495.0	467.6
52.5°	7016.4	6879.4	6762.4	6652.8	5982.4	2926.4	1114.3	597.3	495.0	460.3	432.9
55°	7619.2	7482.2	7295.8	7175.3	6373.4	2674.3	955.4	526.1	445.7	423.8	396.4
57.5°	9144.5	9023.9	8801.0	8488.7	7378.0	2579.3	865.9	471.3	405.5	392.7	370.8
60°	11807.8	11612.3	11321.9	11004.0	9420.3	2643.2	794.6	432.9	378.1	367.2	350.7
62.5°	13817.2	13473.7	13144.9	12850.8	11053.4	2641.4	701.5	403.7	358.0	352.6	336.1
65°	13899.4	13550.5	13219.8	12911.1	11089.9	2351.0	591.9	378.1	354.4	352.6	325.2
67.5°	13161.4	12783.3	12463.6	12074.5	10266.1	1837.7	474.9	361.7	369.0	365.3	321.5
70°	11955.8	11462.5	11199.5	10815.9	9034.9	1286.0	390.9	367.2	400.0	389.1	327.0
72.5°	9383.8	9011.1	8611.1	8344.4	7073.0	812.9	328.8	370.8	412.8	394.6	341.6
75°	3492.7	3593.1	3428.7	3370.3	3593.1	476.8	292.3	345.2	369.0	341.6	310.5
77.5°	705.1	674.1	639.3	632.0	816.5	294.1	268.5	299.6	283.1	250.3	252.1
80°	337.9	328.8	317.8	316.0	303.2	244.8	248.4	255.7	213.7	193.6	206.4
82.5°	224.7	211.9	208.2	200.9	204.6	219.2	235.6	219.2	164.4	153.4	186.3
85°	104.1	100.5	98.6	98.6	109.6	197.3	195.5	160.7	113.3	109.6	186.3
87.5°	25.6	25.6	27.4	25.6	29.2	58.5	51.1	49.3	42.0	47.5	87.7
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: P150119

CATALOG NUMBER: TLM-E06-LED-E1-SL2-7030

CANDELA DISTRIBUTION (continued):

	165°	175°	180°
0°	1742.7	1742.7	1742.7
2.5°	1755.5	1757.3	1755.5
5°	1771.9	1771.9	1771.9
7.5°	1771.9	1766.4	1764.6
10°	1746.3	1729.9	1729.9
12.5°	1702.5	1675.1	1671.4
15°	1620.3	1583.7	1578.3
17.5°	1516.2	1466.8	1457.7
20°	1399.3	1337.1	1326.2
22.5°	1271.4	1200.1	1194.7
25°	1145.3	1072.3	1057.7
27.5°	1004.7	933.4	926.1
30°	864.0	801.9	798.3
32.5°	745.3	706.9	699.6
35°	661.3	639.3	630.2
37.5°	606.5	590.0	588.2
40°	564.5	549.8	548.0
42.5°	529.7	517.0	515.1
45°	495.0	484.1	480.4
47.5°	460.3	449.4	447.5
50°	429.3	414.7	412.8
52.5°	400.0	385.4	381.8
55°	372.6	358.0	358.0
57.5°	348.9	334.3	332.5
60°	327.0	312.4	310.5
62.5°	310.5	292.3	290.4
65°	297.8	279.5	275.8
67.5°	290.4	268.5	263.0
70°	303.2	263.0	253.9
72.5°	305.1	257.6	244.8
75°	294.1	243.0	233.8
77.5°	257.6	217.4	208.2
80°	222.9	168.1	155.3
82.5°	211.9	137.0	118.7
85°	164.4	89.5	84.0
87.5°	93.2	49.3	40.2
90°	0.0	0.0	0.0

(END OF REPORT)