

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: P154586

Luminaire Tested: **TLM-F06-LED-E1-T2-7050**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-41-14  
Report Number: P154586  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33671)  
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-T2-7050  
Description: TALON MEDIUM LED SITE LUMINAIRE  
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 2  
Light Source: (42) 5000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 15571.9 lumens  
Efficiency: N/A  
Efficacy: 99.5 lumens/watt  
Spacing Criteria (0/90/45): 2.21 / 4.51 / 2.52  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
CIE Type: Direct

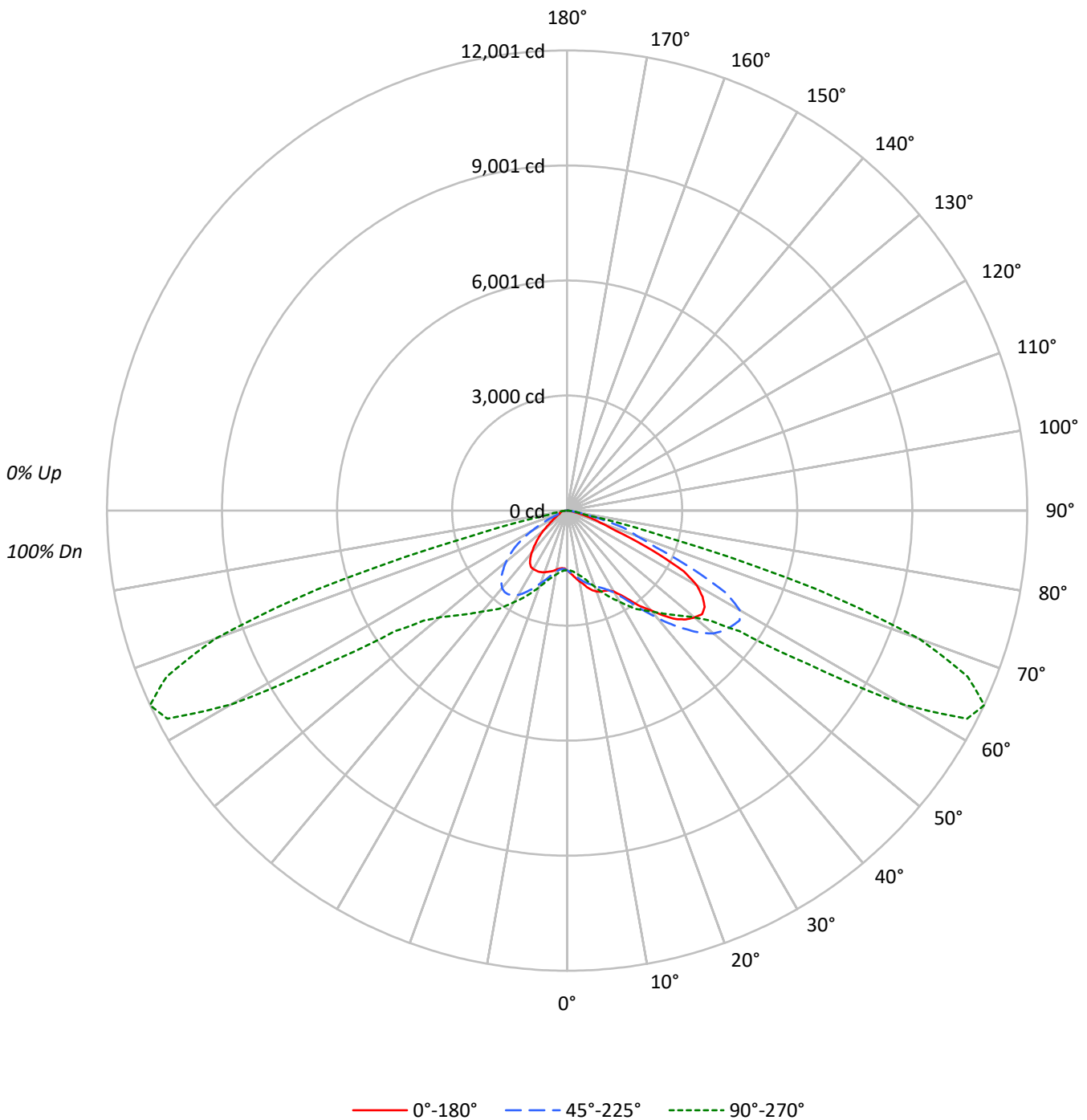
Input Watts (W): 156.5  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### 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	107	101	96	91	104	98	94	90	94	90	87	90	87	84	86	84	81	79					79			
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61					61			
3	84	71	61	53	81	69	60	53	66	58	51	63	56	50	60	54	50	47					47			
4	75	60	50	42	72	59	49	41	56	48	41	54	46	40	51	45	39	37					37			
5	67	52	42	34	65	51	41	33	49	40	33	46	39	33	44	38	32	30					30			
6	61	46	35	28	59	45	35	27	43	34	27	41	33	27	39	32	27	24					24			
7	56	40	30	23	54	40	30	23	38	29	23	36	28	23	35	28	22	20					20			
8	52	36	26	20	50	35	26	20	34	26	19	33	25	19	31	24	19	17					17			
9	48	33	23	17	46	32	23	17	31	23	17	30	22	17	28	22	17	15					15			
10	45	30	21	15	43	29	21	15	28	20	15	27	20	15	26	19	15	13					13			

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°
0°	16758	16758	16758
5°	18323	17170	16292
10°	20498	18572	17017
15°	23221	20748	18293
20°	25751	24297	19600
25°	27424	28873	20885
30°	30280	34133	21899
35°	37489	41184	22195
40°	47586	48300	20210
45°	60940	58438	17046
50°	72598	72400	13306
55°	82185	102914	9475
60°	84139	217405	7440
65°	61876	305671	6258
70°	29379	307537	6184
75°	15995	114211	7540
80°	7562	18274	9664
85°	3557	11300	11300



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	155.9	1.0
10°-20°	535.5	3.4
20°-30°	1052.1	6.8
30°-40°	1748.1	11.2
40°-50°	2568.6	16.5
50°-60°	3556.2	22.8
60°-70°	4244.7	27.3
70°-80°	1501.1	9.6
80°-90°	209.7	1.3
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°	1743.5	11.2
0°-40°	3491.5	22.4
0°-60°	9616.4	61.8
0°-90°	15571.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	15571.9	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	1557	1557	1557	1557	1557	
5°	1696	1664	1589	1528	1508	168
15°	2084	1953	1862	1787	1642	593
25°	2309	2240	2431	2285	1758	1076
35°	2853	2950	3134	2670	1689	1824
45°	4003	4369	3839	2419	1120	3064
55°	4379	5250	5484	1654	505	3837
65°	2429	3620	12001	512	246	2369
75°	385	1089	2746	205	181	474
85°	29	59	92	156	92	41
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°	1556.9	1556.9	1556.9	1556.9	1556.9	1556.9	1556.9	1556.9	1556.9	1556.9	1556.9
2.5°	1624.7	1626.4	1623.0	1621.3	1616.2	1607.7	1601.0	1594.2	1594.2	1594.2	1589.1
5°	1695.8	1699.2	1692.5	1687.4	1672.1	1663.7	1651.8	1643.3	1639.9	1638.2	1633.2
7.5°	1785.6	1780.6	1770.4	1767.0	1755.1	1736.5	1714.5	1697.5	1697.5	1695.8	1697.5
10°	1875.4	1861.9	1856.8	1851.7	1833.1	1809.4	1783.9	1765.3	1763.6	1761.9	1756.8
12.5°	1965.2	1960.1	1955.1	1936.4	1917.8	1880.5	1851.7	1833.1	1831.4	1833.1	1826.3
15°	2083.8	2071.9	2066.9	2034.7	1994.0	1953.4	1917.8	1900.8	1895.8	1897.4	1892.4
17.5°	2175.3	2175.3	2163.4	2127.9	2075.3	2019.4	1982.2	1972.0	1970.3	1970.3	1972.0
20°	2248.1	2246.4	2234.6	2205.8	2143.1	2087.2	2068.6	2065.2	2063.5	2063.5	2068.6
22.5°	2288.8	2285.4	2280.3	2248.1	2199.0	2161.7	2163.4	2173.6	2177.0	2180.4	2187.1
25°	2309.1	2304.0	2302.4	2280.3	2244.8	2239.7	2270.2	2297.3	2304.0	2310.8	2319.3
27.5°	2343.0	2334.5	2337.9	2329.5	2321.0	2336.2	2398.9	2427.7	2432.8	2441.3	2446.4
30°	2436.2	2432.8	2446.4	2449.7	2456.5	2478.5	2536.1	2563.3	2575.1	2575.1	2598.8
32.5°	2614.1	2615.8	2619.2	2654.7	2666.6	2681.8	2712.3	2734.4	2736.1	2737.7	2759.8
35°	2853.0	2863.1	2891.9	2922.4	2951.2	2949.5	2930.9	2942.7	2934.3	2944.4	2946.1
37.5°	3154.5	3141.0	3183.3	3252.8	3296.8	3285.0	3201.9	3147.7	3163.0	3156.2	3151.1
40°	3386.6	3401.9	3483.2	3574.7	3608.5	3645.8	3537.4	3444.2	3430.7	3405.2	3390.0
42.5°	3706.8	3708.5	3774.6	3842.3	3940.6	4021.9	3952.5	3818.6	3778.0	3747.5	3681.4
45°	4003.3	3998.2	4052.4	4135.4	4252.3	4369.2	4394.6	4248.9	4233.7	4179.5	4093.1
47.5°	4201.5	4194.7	4232.0	4340.4	4530.2	4721.6	4826.6	4782.6	4753.8	4731.8	4596.2
50°	4335.3	4321.8	4364.1	4479.3	4691.1	4985.9	5260.3	5297.6	5285.8	5285.8	5199.4
52.5°	4435.3	4435.3	4465.8	4559.0	4774.1	5141.7	5633.1	5821.1	5836.4	5853.3	5848.2
55°	4379.4	4387.9	4464.1	4599.6	4826.6	5250.2	5941.4	6353.1	6437.8	6508.9	6590.2
57.5°	4187.9	4216.7	4318.4	4540.3	4840.2	5331.5	6283.6	7098.5	7337.4	7544.1	7865.9
60°	3908.4	3945.7	4093.1	4376.0	4740.2	5199.4	6403.9	7728.7	8108.2	8558.9	9399.2
62.5°	3429.0	3466.2	3610.2	3893.2	4204.9	4692.8	5905.8	7821.9	8428.4	9067.1	10337.7
65°	2429.4	2370.1	2536.1	2790.3	3147.7	3620.4	4772.4	7196.8	8069.2	8935.0	10503.7
67.5°	1353.6	1348.5	1450.2	1639.9	1982.2	2490.4	3288.3	5519.5	6322.6	7303.5	9229.7
70°	933.5	943.6	1008.0	1213.0	1495.9	1934.7	2343.0	3466.2	4043.9	4709.7	6603.8
72.5°	655.6	677.7	713.2	835.2	1124.9	1629.8	2393.8	2071.9	2360.0	2814.0	3971.1
75°	384.6	399.8	425.2	484.5	640.4	1089.3	2478.5	1821.2	1821.2	1927.9	2402.3
77.5°	237.2	237.2	252.4	276.1	340.5	533.7	1765.3	2046.5	1988.9	1927.9	1933.0
80°	122.0	130.4	152.5	164.3	189.7	244.0	792.9	1909.3	2094.0	2217.6	2131.2
82.5°	55.9	62.7	93.2	100.0	110.1	128.8	272.8	1086.0	1455.3	1916.1	2393.8
85°	28.8	28.8	49.1	61.0	66.1	59.3	100.0	438.8	664.1	1013.1	1585.7
87.5°	5.1	5.1	8.5	10.2	15.2	13.6	16.9	25.4	42.4	45.7	47.4
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°	1556.9	1556.9	1556.9	1556.9	1556.9	1556.9	1556.9	1556.9	1556.9	1556.9	1556.9
2.5°	1587.4	1589.1	1587.4	1585.7	1582.3	1582.3	1582.3	1580.6	1580.6	1580.6	1578.9
5°	1633.2	1626.4	1628.1	1624.7	1623.0	1621.3	1623.0	1619.6	1616.2	1617.9	1616.2
7.5°	1690.8	1687.4	1680.6	1680.6	1678.9	1675.5	1675.5	1670.4	1668.7	1665.4	1663.7
10°	1755.1	1746.7	1750.1	1746.7	1748.4	1741.6	1738.2	1734.8	1731.4	1731.4	1733.1
12.5°	1821.2	1819.5	1814.4	1811.0	1811.0	1806.0	1807.7	1806.0	1800.9	1799.2	1794.1
15°	1889.0	1889.0	1883.9	1885.6	1883.9	1880.5	1877.1	1877.1	1873.7	1870.3	1872.0
17.5°	1968.6	1968.6	1968.6	1968.6	1970.3	1965.2	1966.9	1963.5	1960.1	1966.9	1966.9
20°	2071.9	2078.7	2078.7	2077.0	2085.5	2080.4	2078.7	2087.2	2078.7	2090.6	2088.9
22.5°	2190.5	2197.3	2197.3	2204.1	2205.8	2210.9	2214.3	2210.9	2217.6	2224.4	2224.4
25°	2322.7	2329.5	2334.5	2344.7	2349.8	2346.4	2348.1	2356.6	2360.0	2366.7	2373.5
27.5°	2461.6	2463.3	2470.1	2481.9	2490.4	2493.8	2495.5	2509.0	2510.7	2514.1	2520.9
30°	2597.1	2614.1	2610.7	2625.9	2631.0	2636.1	2646.3	2651.3	2663.2	2670.0	2670.0
32.5°	2756.4	2753.0	2766.5	2778.4	2786.9	2795.3	2803.8	2810.6	2817.4	2820.8	2837.7
35°	2954.6	2961.4	2961.4	2963.1	2983.4	2985.1	2991.9	3007.1	3012.2	3022.4	3029.1
37.5°	3151.1	3139.3	3137.6	3137.6	3130.8	3135.9	3137.6	3139.3	3146.0	3147.7	3154.5
40°	3371.4	3356.1	3342.6	3334.1	3320.5	3301.9	3298.5	3290.0	3295.1	3293.4	3295.1
42.5°	3672.9	3630.6	3598.4	3574.7	3547.6	3527.2	3512.0	3490.0	3474.7	3456.1	3452.7
45°	4057.5	3977.9	3923.7	3884.7	3845.7	3789.8	3757.6	3723.7	3693.2	3662.8	3637.3
47.5°	4562.3	4477.6	4391.2	4320.1	4259.1	4169.3	4077.8	4027.0	3967.7	3915.2	3877.9
50°	5157.0	5055.3	5014.7	4914.7	4838.5	4703.0	4589.5	4506.4	4387.9	4308.2	4238.8
52.5°	5765.2	5739.8	5717.8	5633.1	5543.3	5465.3	5365.4	5219.7	5099.4	5007.9	4865.6
55°	6593.6	6605.5	6597.0	6551.3	6519.1	6444.6	6403.9	6276.8	6222.6	6090.5	5941.4
57.5°	7987.9	8082.8	8203.1	8250.5	8314.9	8253.9	8325.1	8411.5	8196.3	8270.8	8137.0
60°	9768.5	10203.9	10463.1	10781.6	10990.0	11281.4	11333.9	11410.1	11388.1	11430.4	11516.8
62.5°	10856.1	11372.8	11869.2	12230.1	12616.3	12829.8	13087.3	13266.9	13453.3	13578.6	13543.0
65°	11176.3	11708.3	12158.9	12553.7	12899.3	13160.2	13399.0	13624.4	13795.5	13915.8	13986.9
67.5°	10000.6	10695.2	11169.5	11632.0	12077.6	12352.1	12552.0	12770.5	13021.2	13229.6	13270.3
70°	7525.4	8567.3	9239.9	9793.9	10317.4	10686.7	10966.2	11169.5	11364.4	11513.5	11676.1
72.5°	4706.4	5617.8	6387.0	7105.3	7661.0	8169.2	8404.7	8855.3	8796.0	8909.5	9031.5
75°	2820.8	3264.6	3688.2	4194.7	4486.1	4909.7	4985.9	5060.4	5021.5	4894.4	4989.3
77.5°	1960.1	2033.0	2029.6	2000.8	1970.3	1895.8	1799.2	1746.7	1711.1	1660.3	1680.6
80°	1972.0	1814.4	1573.9	1323.1	1092.7	940.3	879.3	879.3	941.9	1031.7	1121.5
82.5°	2356.6	2188.8	1951.7	1633.2	1294.3	1053.8	892.8	828.4	840.3	931.8	1047.0
85°	1589.1	1626.4	1426.5	1304.5	1033.4	804.7	674.3	547.2	484.5	499.8	565.8
87.5°	57.6	69.5	25.4	33.9	23.7	20.3	20.3	22.0	15.2	18.6	16.9
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):**

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1556.9	1556.9	1556.9	1556.9	1556.9	1556.9	1556.9	1556.9	1556.9	1556.9	1556.9
2.5°	1577.3	1575.6	1575.6	1572.2	1572.2	1570.5	1570.5	1568.8	1567.1	1567.1	1565.4
5°	1614.5	1612.8	1609.4	1607.7	1604.4	1604.4	1602.7	1599.3	1599.3	1595.9	1594.2
7.5°	1667.0	1663.7	1660.3	1658.6	1656.9	1651.8	1651.8	1648.4	1648.4	1645.0	1643.3
10°	1729.7	1726.3	1723.0	1724.6	1719.6	1717.9	1714.5	1714.5	1709.4	1707.7	1707.7
12.5°	1797.5	1795.8	1795.8	1790.7	1789.0	1787.3	1780.6	1780.6	1780.6	1777.2	1778.9
15°	1870.3	1872.0	1867.0	1872.0	1870.3	1865.3	1865.3	1865.3	1858.5	1867.0	1860.2
17.5°	1968.6	1973.7	1970.3	1972.0	1968.6	1968.6	1970.3	1968.6	1972.0	1972.0	1982.2
20°	2090.6	2092.3	2100.7	2097.4	2097.4	2095.7	2099.1	2100.7	2107.5	2104.1	2110.9
22.5°	2224.4	2232.9	2234.6	2241.4	2241.4	2239.7	2243.1	2249.8	2253.2	2258.3	2256.6
25°	2376.9	2382.0	2388.8	2380.3	2393.8	2393.8	2397.2	2405.7	2407.4	2407.4	2419.2
27.5°	2519.2	2532.8	2534.5	2542.9	2537.8	2541.2	2553.1	2558.2	2564.9	2564.9	2568.3
30°	2680.1	2685.2	2688.6	2698.8	2697.1	2698.8	2700.5	2708.9	2708.9	2717.4	2725.9
32.5°	2846.2	2849.6	2853.0	2863.1	2866.5	2873.3	2869.9	2876.7	2885.1	2886.8	2891.9
35°	3044.4	3047.8	3051.2	3066.4	3068.1	3080.0	3083.4	3080.0	3093.5	3085.0	3093.5
37.5°	3159.6	3174.8	3178.2	3188.4	3185.0	3193.5	3198.6	3205.3	3208.7	3215.5	3229.1
40°	3300.2	3305.3	3315.5	3320.5	3327.3	3329.0	3335.8	3340.9	3345.9	3361.2	3376.4
42.5°	3444.2	3451.0	3456.1	3462.8	3471.3	3478.1	3483.2	3498.4	3501.8	3512.0	3540.8
45°	3618.7	3615.3	3617.0	3618.7	3622.1	3630.6	3645.8	3661.1	3671.2	3694.9	3718.7
47.5°	3835.6	3813.5	3805.1	3791.5	3794.9	3813.5	3816.9	3842.3	3862.7	3884.7	3913.5
50°	4164.2	4104.9	4069.4	4033.8	4030.4	4040.6	4054.1	4081.2	4104.9	4133.7	4174.4
52.5°	4716.5	4603.0	4531.9	4433.6	4406.5	4401.4	4391.2	4406.5	4413.3	4452.2	4528.5
55°	5834.7	5624.6	5489.1	5336.6	5194.3	5151.9	5070.6	5087.5	5070.6	5094.3	5207.8
57.5°	8169.2	8001.5	7869.3	7674.5	7430.5	7171.3	7107.0	6841.0	6893.5	7046.0	6947.7
60°	11559.2	11498.2	11403.3	11310.2	10976.4	10788.4	10481.7	10447.8	10232.7	10234.4	10093.8
62.5°	13456.6	13534.6	13477.0	13449.9	13431.2	13371.9	13219.5	13036.5	12762.0	12563.8	12272.4
65°	13998.8	13932.7	13870.0	13861.5	13856.5	13953.0	13975.1	13846.3	13597.3	13288.9	12953.5
67.5°	13366.9	13329.6	13333.0	13261.8	13305.9	13473.6	13590.5	13554.9	13326.2	12953.5	12526.6
70°	11862.4	11789.6	11864.1	11957.3	12023.4	12120.0	12236.9	12265.7	12057.3	11674.4	11239.0
72.5°	8882.4	8894.3	8965.4	8990.9	9256.8	9229.7	9334.8	8992.6	8841.8	8477.5	8253.9
75°	4674.2	4597.9	4796.1	4376.0	4203.2	4323.5	3986.3	3662.8	3730.5	3786.4	3383.2
77.5°	1651.8	1545.1	1363.8	1290.9	1074.1	909.8	743.7	670.9	631.9	611.6	586.2
80°	1185.9	1219.8	1182.5	1094.4	930.1	745.4	587.9	464.2	398.1	362.5	338.8
82.5°	1199.5	1333.3	1392.6	1367.2	1218.1	921.6	608.2	388.0	288.0	240.6	223.6
85°	643.8	704.8	677.7	570.9	513.3	306.6	210.1	140.6	118.6	108.4	100.0
87.5°	25.4	20.3	16.9	16.9	18.6	20.3	16.9	18.6	16.9	16.9	16.9
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: P154586

CATALOG NUMBER: TLM-F06-LED-E1-T2-7050

**CANDELA DISTRIBUTION (continued):**

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1556.9	1556.9	1556.9	1556.9	1556.9	1556.9	1556.9	1556.9	1556.9	1556.9	1556.9
2.5°	1562.0	1562.0	1562.0	1560.3	1556.9	1548.5	1540.0	1533.2	1528.1	1523.0	1516.3
5°	1592.5	1589.1	1589.1	1589.1	1575.6	1562.0	1550.1	1538.3	1528.1	1519.7	1512.9
7.5°	1643.3	1641.6	1634.9	1633.2	1623.0	1601.0	1587.4	1567.1	1555.2	1543.4	1540.0
10°	1704.3	1702.6	1700.9	1699.2	1685.7	1663.7	1646.7	1628.1	1611.1	1594.2	1577.3
12.5°	1775.5	1773.8	1772.1	1767.0	1761.9	1750.1	1731.4	1711.1	1690.8	1655.2	1636.6
15°	1863.6	1867.0	1863.6	1861.9	1858.5	1860.2	1848.3	1819.5	1787.3	1741.6	1702.6
17.5°	1980.5	1977.1	1975.4	1982.2	1980.5	1988.9	1985.5	1948.3	1899.1	1826.3	1758.5
20°	2109.2	2109.2	2116.0	2121.1	2136.3	2158.3	2148.2	2102.4	2012.7	1911.0	1822.9
22.5°	2263.4	2266.8	2273.6	2270.2	2293.9	2329.5	2332.8	2268.5	2151.6	2011.0	1887.3
25°	2424.3	2427.7	2420.9	2431.1	2470.1	2520.9	2531.1	2439.6	2285.4	2102.4	1941.5
27.5°	2576.8	2580.2	2580.2	2593.7	2631.0	2717.4	2727.6	2625.9	2420.9	2182.1	1980.5
30°	2725.9	2739.4	2742.8	2746.2	2802.1	2922.4	2944.4	2797.0	2539.5	2241.4	2007.6
32.5°	2913.9	2919.0	2925.8	2934.3	2998.6	3146.0	3146.0	2944.4	2615.8	2278.6	2012.7
35°	3115.5	3117.2	3132.5	3134.2	3225.7	3373.1	3344.3	3066.4	2670.0	2270.2	1975.4
37.5°	3237.5	3244.3	3259.5	3279.9	3376.4	3584.8	3518.8	3171.5	2680.1	2214.3	1890.7
40°	3388.3	3401.9	3417.1	3437.4	3581.4	3800.0	3666.1	3237.5	2637.8	2104.1	1763.6
42.5°	3550.9	3569.6	3593.3	3630.6	3801.7	3989.7	3778.0	3247.7	2541.2	1980.5	1612.8
45°	3733.9	3767.8	3794.9	3838.9	4032.1	4154.1	3845.7	3188.4	2419.2	1817.8	1451.9
47.5°	3945.7	3972.8	4020.2	4067.7	4260.8	4265.9	3852.5	3073.2	2253.2	1655.2	1280.8
50°	4206.6	4223.5	4294.7	4323.5	4504.7	4382.8	3803.4	2917.3	2078.7	1472.2	1091.0
52.5°	4553.9	4577.6	4669.1	4713.1	4841.9	4542.0	3733.9	2747.9	1878.8	1267.2	896.2
55°	5240.0	5343.4	5407.7	5484.0	5567.0	4902.9	3703.4	2566.6	1653.5	1030.0	709.8
57.5°	7166.3	7132.4	7274.7	7447.5	7445.8	5727.9	3886.4	2410.8	1387.5	787.8	545.5
60°	10036.2	10068.3	9995.5	10098.8	9770.2	6751.2	4137.1	2246.4	1087.6	586.2	416.8
62.5°	12169.1	11982.7	11879.4	11757.4	11034.0	6863.0	3954.1	1909.3	791.2	411.7	320.2
65°	12673.9	12455.4	12233.5	12001.4	10910.3	6187.0	3244.3	1401.1	511.6	282.9	254.1
67.5°	12175.9	11825.2	11542.3	11303.4	9997.2	5128.2	2371.8	860.6	293.1	228.7	216.9
70°	10884.9	10497.0	10039.5	9771.9	8418.2	3779.7	1519.7	464.2	225.3	203.3	198.2
72.5°	7967.6	7649.1	7149.3	6842.7	6044.7	2297.3	848.8	260.9	210.1	194.8	188.1
75°	3103.7	2937.7	2729.3	2746.2	2451.4	1016.5	384.6	225.3	205.0	191.4	184.7
77.5°	533.7	520.1	481.1	481.1	547.2	371.0	255.8	227.0	203.3	188.1	176.2
80°	320.2	313.4	298.2	294.8	284.6	260.9	245.7	230.4	199.9	177.9	162.6
82.5°	210.1	201.6	196.5	194.8	211.8	228.7	230.4	228.7	189.7	154.2	132.1
85°	89.8	89.8	89.8	91.5	122.0	184.7	189.7	203.3	155.9	120.3	94.9
87.5°	15.2	18.6	18.6	20.3	22.0	40.7	50.8	66.1	52.5	50.8	45.7
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: P154586

CATALOG NUMBER: TLM-F06-LED-E1-T2-7050

**CANDELA DISTRIBUTION (continued):**

	165°	175°	180°
0°	1556.9	1556.9	1556.9
2.5°	1514.6	1511.2	1511.2
5°	1509.5	1506.1	1507.8
7.5°	1529.8	1523.0	1524.7
10°	1567.1	1560.3	1556.9
12.5°	1614.5	1606.1	1606.1
15°	1663.7	1643.3	1641.6
17.5°	1704.3	1678.9	1675.5
20°	1750.1	1716.2	1711.1
22.5°	1792.4	1746.7	1739.9
25°	1822.9	1767.0	1758.5
27.5°	1836.5	1770.4	1763.6
30°	1846.6	1772.1	1761.9
32.5°	1836.5	1756.8	1748.4
35°	1780.6	1694.2	1689.1
37.5°	1684.0	1587.4	1580.6
40°	1556.9	1455.3	1438.3
42.5°	1394.3	1299.4	1280.8
45°	1236.7	1128.3	1119.8
47.5°	1067.3	964.0	969.1
50°	889.4	796.3	794.6
52.5°	720.0	638.7	633.6
55°	567.5	509.9	504.9
57.5°	449.0	418.5	413.4
60°	365.9	350.7	345.6
62.5°	294.8	289.7	288.0
65°	245.7	245.7	245.7
67.5°	213.5	215.2	215.2
70°	196.5	198.2	196.5
72.5°	189.7	194.8	194.8
75°	184.7	188.1	181.3
77.5°	181.3	183.0	171.1
80°	179.6	177.9	155.9
82.5°	155.9	150.8	132.1
85°	142.3	108.4	91.5
87.5°	72.8	50.8	39.0
90°	0.0	0.0	0.0

(END OF REPORT)