

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: P154570

Luminaire Tested: **TLM-E05-LED-E1-T2**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-41-14  
Report Number: P154570  
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-E05-LED-E1-T2  
Description: TALON MEDIUM LED SITE LUMINAIRE  
(5) LIGHTBARS WITH AccuLED OPTICS - TYPE 2  
Light Source: (105) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

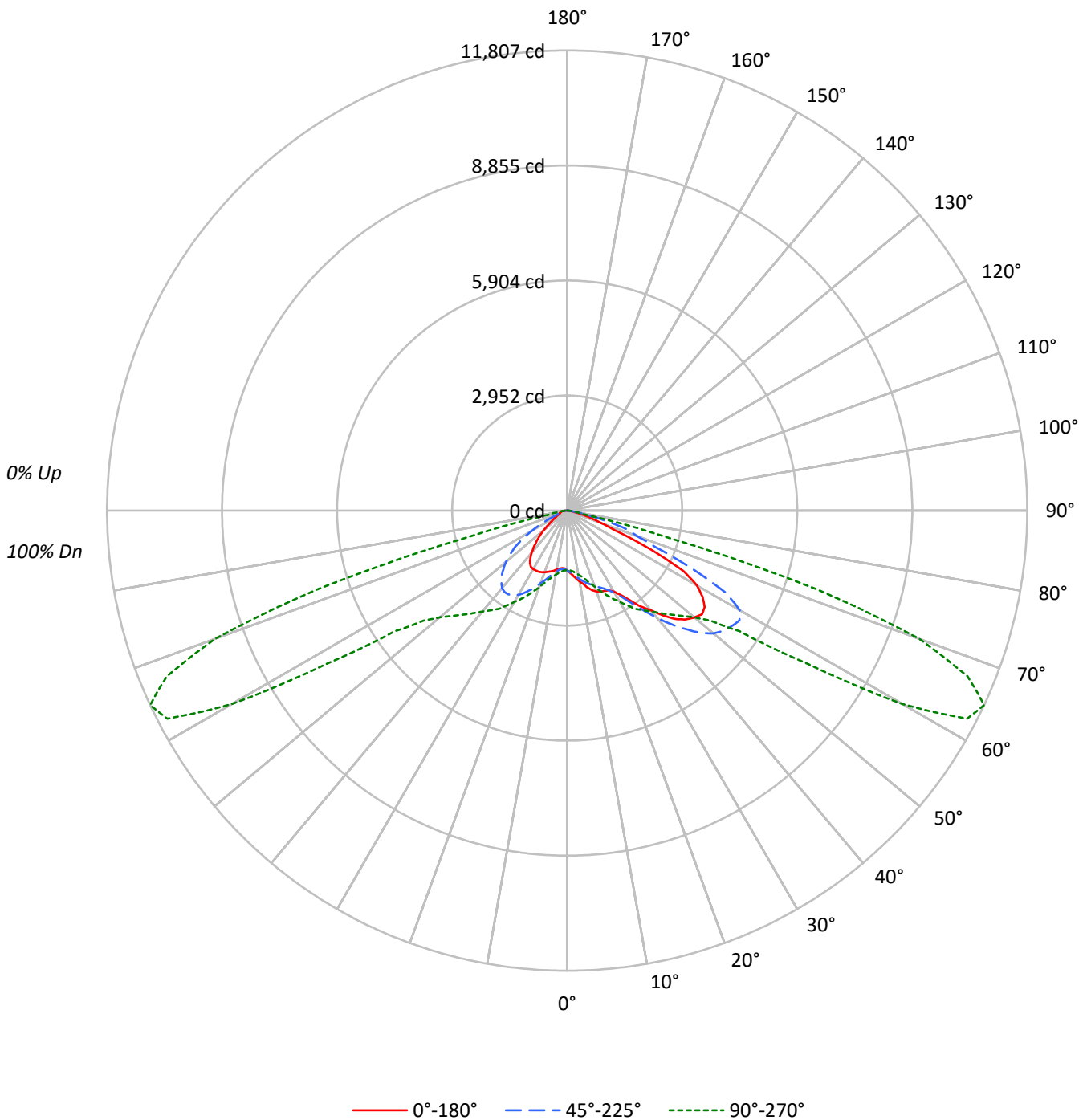
Lumens per Lamp: N/A  
Luminaire Lumens: 15319.3 lumens  
Efficiency: N/A  
Efficacy: 120.3 lumens/watt  
Spacing Criteria (0/90/45): 2.21 / 4.51 / 2.52  
Luminous Opening: Rectangular (W 0.83' x L: 1' x H: 0')  
CIE Type: Direct

Input Watts (W): 127.3  
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-E05-LED-E1-T2

### 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°	19864	19864	19864
5°	21718	20351	19310
10°	24296	22014	20170
15°	27523	24593	21683
20°	30523	28798	23231
25°	32506	34223	24755
30°	35890	40457	25956
35°	44435	48814	26308
40°	56403	57250	23955
45°	72230	69266	20206
50°	86049	85813	15771
55°	97411	121981	11230
60°	99728	257686	8819
65°	73340	362303	7417
70°	34820	364513	7329
75°	18955	135373	8934
80°	8962	21658	11449
85°	4211	13392	13392



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	153.4	1.0
10°-20°	526.8	3.4
20°-30°	1035.0	6.8
30°-40°	1719.7	11.2
40°-50°	2526.9	16.5
50°-60°	3498.5	22.8
60°-70°	4175.8	27.3
70°-80°	1476.8	9.6
80°-90°	206.3	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°	1715.2	11.2
0°-40°	3434.9	22.4
0°-60°	9460.4	61.8
0°-90°	15319.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	15319.3	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	1532	1532	1532	1532	1532	
5°	1668	1637	1563	1503	1483	165
15°	2050	1922	1832	1758	1615	583
25°	2272	2203	2392	2248	1730	1059
35°	2807	2902	3083	2627	1662	1794
45°	3938	4298	3777	2380	1102	3014
55°	4308	5165	5395	1627	497	3775
65°	2390	3562	11807	503	242	2330
75°	378	1072	2702	202	178	466
85°	28	58	90	153	90	40
90°	0	0	0	0	0	



TEST NUMBER: P154570

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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1531.7	1531.7	1531.7	1531.7	1531.7	1531.7	1531.7	1531.7	1531.7	1531.7	1531.7
2.5°	1598.3	1600.0	1596.7	1595.0	1590.0	1581.7	1575.0	1568.3	1568.3	1568.3	1563.3
5°	1668.3	1671.7	1665.0	1660.0	1645.0	1636.7	1625.0	1616.7	1613.3	1611.7	1606.7
7.5°	1756.7	1751.7	1741.7	1738.3	1726.7	1708.3	1686.7	1670.0	1670.0	1668.3	1670.0
10°	1845.0	1831.7	1826.7	1821.7	1803.3	1780.0	1755.0	1736.7	1735.0	1733.3	1728.3
12.5°	1933.3	1928.3	1923.3	1905.0	1886.7	1850.0	1821.7	1803.3	1801.7	1803.3	1796.7
15°	2050.0	2038.3	2033.3	2001.7	1961.7	1921.7	1886.7	1870.0	1865.0	1866.7	1861.7
17.5°	2140.0	2140.0	2128.3	2093.3	2041.7	1986.7	1950.0	1940.0	1938.3	1938.3	1940.0
20°	2211.7	2210.0	2198.3	2170.0	2108.3	2053.3	2035.0	2031.7	2030.0	2030.0	2035.0
22.5°	2251.7	2248.3	2243.3	2211.7	2163.3	2126.7	2128.3	2138.3	2141.7	2145.0	2151.7
25°	2271.7	2266.7	2265.0	2243.3	2208.3	2203.3	2233.3	2260.0	2266.7	2273.3	2281.7
27.5°	2305.0	2296.7	2300.0	2291.7	2283.3	2298.3	2360.0	2388.3	2393.3	2401.7	2406.7
30°	2396.7	2393.3	2406.7	2410.0	2416.7	2438.3	2495.0	2521.7	2533.3	2533.3	2556.7
32.5°	2571.7	2573.3	2576.7	2611.7	2623.3	2638.3	2668.3	2690.0	2691.7	2693.3	2715.0
35°	2806.7	2816.7	2845.0	2875.0	2903.3	2901.7	2883.3	2895.0	2886.7	2896.7	2898.3
37.5°	3103.3	3090.0	3131.7	3200.0	3243.3	3231.7	3150.0	3096.7	3111.7	3105.0	3100.0
40°	3331.7	3346.7	3426.7	3516.7	3550.0	3586.7	3480.0	3388.3	3375.0	3350.0	3335.0
42.5°	3646.7	3648.3	3713.3	3780.0	3876.7	3956.7	3888.3	3756.7	3716.7	3686.7	3621.7
45°	3938.3	3933.3	3986.7	4068.3	4183.3	4298.3	4323.3	4180.0	4165.0	4111.7	4026.7
47.5°	4133.3	4126.7	4163.3	4270.0	4456.7	4645.0	4748.3	4705.0	4676.7	4655.0	4521.7
50°	4265.0	4251.7	4293.3	4406.7	4615.0	4905.0	5175.0	5211.7	5200.0	5200.0	5115.0
52.5°	4363.3	4363.3	4393.3	4485.0	4696.7	5058.3	5541.7	5726.7	5741.7	5758.3	5753.3
55°	4308.3	4316.7	4391.7	4525.0	4748.3	5165.0	5845.0	6250.0	6333.3	6403.3	6483.3
57.5°	4120.0	4148.3	4248.3	4466.7	4761.7	5245.0	6181.7	6983.3	7218.3	7421.7	7738.3
60°	3845.0	3881.7	4026.7	4305.0	4663.3	5115.0	6300.0	7603.3	7976.7	8420.0	9246.7
62.5°	3373.3	3410.0	3551.7	3830.0	4136.7	4616.7	5810.0	7695.0	8291.7	8920.0	10170.0
65°	2390.0	2331.7	2495.0	2745.0	3096.7	3561.7	4695.0	7080.0	7938.3	8790.0	10333.3
67.5°	1331.7	1326.7	1426.7	1613.3	1950.0	2450.0	3235.0	5430.0	6220.0	7185.0	9080.0
70°	918.3	928.3	991.7	1193.3	1471.7	1903.3	2305.0	3410.0	3978.3	4633.3	6496.7
72.5°	645.0	666.7	701.7	821.7	1106.7	1603.3	2355.0	2038.3	2321.7	2768.3	3906.7
75°	378.3	393.3	418.3	476.7	630.0	1071.7	2438.3	1791.7	1791.7	1896.7	2363.3
77.5°	233.3	233.3	248.3	271.7	335.0	525.0	1736.7	2013.3	1956.7	1896.7	1901.7
80°	120.0	128.3	150.0	161.7	186.7	240.0	780.0	1878.3	2060.0	2181.7	2096.7
82.5°	55.0	61.7	91.7	98.3	108.3	126.7	268.3	1068.3	1431.7	1885.0	2355.0
85°	28.3	28.3	48.3	60.0	65.0	58.3	98.3	431.7	653.3	996.7	1560.0
87.5°	5.0	5.0	8.3	10.0	15.0	13.3	16.7	25.0	41.7	45.0	46.7
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°	1531.7	1531.7	1531.7	1531.7	1531.7	1531.7	1531.7	1531.7	1531.7	1531.7	1531.7
2.5°	1561.7	1563.3	1561.7	1560.0	1556.7	1556.7	1556.7	1555.0	1555.0	1555.0	1553.3
5°	1606.7	1600.0	1601.7	1598.3	1596.7	1595.0	1596.7	1593.3	1590.0	1591.7	1590.0
7.5°	1663.3	1660.0	1653.3	1653.3	1651.7	1648.3	1648.3	1643.3	1641.7	1638.3	1636.7
10°	1726.7	1718.3	1721.7	1718.3	1720.0	1713.3	1710.0	1706.7	1703.3	1703.3	1705.0
12.5°	1791.7	1790.0	1785.0	1781.7	1781.7	1776.7	1778.3	1776.7	1771.7	1770.0	1765.0
15°	1858.3	1858.3	1853.3	1855.0	1853.3	1850.0	1846.7	1846.7	1843.3	1840.0	1841.7
17.5°	1936.7	1936.7	1936.7	1936.7	1938.3	1933.3	1935.0	1931.7	1928.3	1935.0	1935.0
20°	2038.3	2045.0	2045.0	2043.3	2051.7	2046.7	2045.0	2053.3	2045.0	2056.7	2055.0
22.5°	2155.0	2161.7	2161.7	2168.3	2170.0	2175.0	2178.3	2175.0	2181.7	2188.3	2188.3
25°	2285.0	2291.7	2296.7	2306.7	2311.7	2308.3	2310.0	2318.3	2321.7	2328.3	2335.0
27.5°	2421.7	2423.3	2430.0	2441.7	2450.0	2453.3	2455.0	2468.3	2470.0	2473.3	2480.0
30°	2555.0	2571.7	2568.3	2583.3	2588.3	2593.3	2603.3	2608.3	2620.0	2626.7	2626.7
32.5°	2711.7	2708.3	2721.7	2733.3	2741.7	2750.0	2758.3	2765.0	2771.7	2775.0	2791.7
35°	2906.7	2913.3	2913.3	2915.0	2935.0	2936.7	2943.3	2958.3	2963.3	2973.3	2980.0
37.5°	3100.0	3088.3	3086.7	3086.7	3080.0	3085.0	3086.7	3088.3	3095.0	3096.7	3103.3
40°	3316.7	3301.7	3288.3	3280.0	3266.7	3248.3	3245.0	3236.7	3241.7	3240.0	3241.7
42.5°	3613.3	3571.7	3540.0	3516.7	3490.0	3470.0	3455.0	3433.3	3418.3	3400.0	3396.7
45°	3991.7	3913.3	3860.0	3821.7	3783.3	3728.3	3696.7	3663.3	3633.3	3603.3	3578.3
47.5°	4488.3	4405.0	4320.0	4250.0	4190.0	4101.7	4011.7	3961.7	3903.3	3851.7	3815.0
50°	5073.3	4973.3	4933.3	4835.0	4760.0	4626.7	4515.0	4433.3	4316.7	4238.3	4170.0
52.5°	5671.7	5646.7	5625.0	5541.7	5453.3	5376.7	5278.3	5135.0	5016.7	4926.7	4786.7
55°	6486.7	6498.3	6490.0	6445.0	6413.3	6340.0	6300.0	6175.0	6121.7	5991.7	5845.0
57.5°	7858.3	7951.7	8070.0	8116.7	8180.0	8120.0	8190.0	8275.0	8063.3	8136.7	8005.0
60°	9610.0	10038.3	10293.3	10606.7	10811.7	11098.3	11150.0	11225.0	11203.3	11245.0	11330.0
62.5°	10680.0	11188.3	11676.7	12031.7	12411.7	12621.7	12875.0	13051.7	13235.0	13358.3	13323.3
65°	10995.0	11518.3	11961.7	12350.0	12690.0	12946.7	13181.7	13403.3	13571.7	13690.0	13760.0
67.5°	9838.3	10521.7	10988.3	11443.3	11881.7	12151.7	12348.3	12563.3	12810.0	13015.0	13055.0
70°	7403.3	8428.3	9090.0	9635.0	10150.0	10513.3	10788.3	10988.3	11180.0	11326.7	11486.7
72.5°	4630.0	5526.7	6283.3	6990.0	7536.7	8036.7	8268.3	8711.7	8653.3	8765.0	8885.0
75°	2775.0	3211.7	3628.3	4126.7	4413.3	4830.0	4905.0	4978.3	4940.0	4815.0	4908.3
77.5°	1928.3	2000.0	1996.7	1968.3	1938.3	1865.0	1770.0	1718.3	1683.3	1633.3	1653.3
80°	1940.0	1785.0	1548.3	1301.7	1075.0	925.0	865.0	865.0	926.7	1015.0	1103.3
82.5°	2318.3	2153.3	1920.0	1606.7	1273.3	1036.7	878.3	815.0	826.7	916.7	1030.0
85°	1563.3	1600.0	1403.3	1283.3	1016.7	791.7	663.3	538.3	476.7	491.7	556.7
87.5°	56.7	68.3	25.0	33.3	23.3	20.0	20.0	21.7	15.0	18.3	16.7
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):**

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1531.7	1531.7	1531.7	1531.7	1531.7	1531.7	1531.7	1531.7	1531.7	1531.7	1531.7
2.5°	1551.7	1550.0	1550.0	1546.7	1546.7	1545.0	1545.0	1543.3	1541.7	1541.7	1540.0
5°	1588.3	1586.7	1583.3	1581.7	1578.3	1578.3	1576.7	1573.3	1573.3	1570.0	1568.3
7.5°	1640.0	1636.7	1633.3	1631.7	1630.0	1625.0	1625.0	1621.7	1621.7	1618.3	1616.7
10°	1701.7	1698.3	1695.0	1696.7	1691.7	1690.0	1686.7	1686.7	1681.7	1680.0	1680.0
12.5°	1768.3	1766.7	1766.7	1761.7	1760.0	1758.3	1751.7	1751.7	1751.7	1748.3	1750.0
15°	1840.0	1841.7	1836.7	1841.7	1840.0	1835.0	1835.0	1835.0	1828.3	1836.7	1830.0
17.5°	1936.7	1941.7	1938.3	1940.0	1936.7	1936.7	1938.3	1936.7	1940.0	1940.0	1950.0
20°	2056.7	2058.3	2066.7	2063.3	2063.3	2061.7	2065.0	2066.7	2073.3	2070.0	2076.7
22.5°	2188.3	2196.7	2198.3	2205.0	2205.0	2203.3	2206.7	2213.3	2216.7	2221.7	2220.0
25°	2338.3	2343.3	2350.0	2341.7	2355.0	2355.0	2358.3	2366.7	2368.3	2368.3	2380.0
27.5°	2478.3	2491.7	2493.3	2501.7	2496.7	2500.0	2511.7	2516.7	2523.3	2523.3	2526.7
30°	2636.7	2641.7	2645.0	2655.0	2653.3	2655.0	2656.7	2665.0	2665.0	2673.3	2681.7
32.5°	2800.0	2803.3	2806.7	2816.7	2820.0	2826.7	2823.3	2830.0	2838.3	2840.0	2845.0
35°	2995.0	2998.3	3001.7	3016.7	3018.3	3030.0	3033.3	3030.0	3043.3	3035.0	3043.3
37.5°	3108.3	3123.3	3126.7	3136.7	3133.3	3141.7	3146.7	3153.3	3156.7	3163.3	3176.7
40°	3246.7	3251.7	3261.7	3266.7	3273.3	3275.0	3281.7	3286.7	3291.7	3306.7	3321.7
42.5°	3388.3	3395.0	3400.0	3406.7	3415.0	3421.7	3426.7	3441.7	3445.0	3455.0	3483.3
45°	3560.0	3556.7	3558.3	3560.0	3563.3	3571.7	3586.7	3601.7	3611.7	3635.0	3658.3
47.5°	3773.3	3751.7	3743.3	3730.0	3733.3	3751.7	3755.0	3780.0	3800.0	3821.7	3850.0
50°	4096.7	4038.3	4003.3	3968.3	3965.0	3975.0	3988.3	4015.0	4038.3	4066.7	4106.7
52.5°	4640.0	4528.3	4458.3	4361.7	4335.0	4330.0	4320.0	4335.0	4341.7	4380.0	4455.0
55°	5740.0	5533.3	5400.0	5250.0	5110.0	5068.3	4988.3	5005.0	4988.3	5011.7	5123.3
57.5°	8036.7	7871.7	7741.7	7550.0	7310.0	7055.0	6991.7	6730.0	6781.7	6931.7	6835.0
60°	11371.7	11311.7	11218.3	11126.7	10798.3	10613.3	10311.7	10278.3	10066.7	10068.3	9930.0
62.5°	13238.3	13315.0	13258.3	13231.7	13213.3	13155.0	13005.0	12825.0	12555.0	12360.0	12073.3
65°	13771.7	13706.7	13645.0	13636.7	13631.7	13726.7	13748.3	13621.7	13376.7	13073.3	12743.3
67.5°	13150.0	13113.3	13116.7	13046.7	13090.0	13255.0	13370.0	13335.0	13110.0	12743.3	12323.3
70°	11670.0	11598.3	11671.7	11763.3	11828.3	11923.3	12038.3	12066.7	11861.7	11485.0	11056.7
72.5°	8738.3	8750.0	8820.0	8845.0	9106.7	9080.0	9183.3	8846.7	8698.3	8340.0	8120.0
75°	4598.3	4523.3	4718.3	4305.0	4135.0	4253.3	3921.7	3603.3	3670.0	3725.0	3328.3
77.5°	1625.0	1520.0	1341.7	1270.0	1056.7	895.0	731.7	660.0	621.7	601.7	576.7
80°	1166.7	1200.0	1163.3	1076.7	915.0	733.3	578.3	456.7	391.7	356.7	333.3
82.5°	1180.0	1311.7	1370.0	1345.0	1198.3	906.7	598.3	381.7	283.3	236.7	220.0
85°	633.3	693.3	666.7	561.7	505.0	301.7	206.7	138.3	116.7	106.7	98.3
87.5°	25.0	20.0	16.7	16.7	18.3	20.0	16.7	18.3	16.7	16.7	16.7
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: P154570

CATALOG NUMBER: TLM-E05-LED-E1-T2

**CANDELA DISTRIBUTION (continued):**

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1531.7	1531.7	1531.7	1531.7	1531.7	1531.7	1531.7	1531.7	1531.7	1531.7	1531.7
2.5°	1536.7	1536.7	1536.7	1535.0	1531.7	1523.3	1515.0	1508.3	1503.3	1498.3	1491.7
5°	1566.7	1563.3	1563.3	1563.3	1550.0	1536.7	1525.0	1513.3	1503.3	1495.0	1488.3
7.5°	1616.7	1615.0	1608.3	1606.7	1596.7	1575.0	1561.7	1541.7	1530.0	1518.3	1515.0
10°	1676.7	1675.0	1673.3	1671.7	1658.3	1636.7	1620.0	1601.7	1585.0	1568.3	1551.7
12.5°	1746.7	1745.0	1743.3	1738.3	1733.3	1721.7	1703.3	1683.3	1663.3	1628.3	1610.0
15°	1833.3	1836.7	1833.3	1831.7	1828.3	1830.0	1818.3	1790.0	1758.3	1713.3	1675.0
17.5°	1948.3	1945.0	1943.3	1950.0	1948.3	1956.7	1953.3	1916.7	1868.3	1796.7	1730.0
20°	2075.0	2075.0	2081.7	2086.7	2101.7	2123.3	2113.3	2068.3	1980.0	1880.0	1793.3
22.5°	2226.7	2230.0	2236.7	2233.3	2256.7	2291.7	2295.0	2231.7	2116.7	1978.3	1856.7
25°	2385.0	2388.3	2381.7	2391.7	2430.0	2480.0	2490.0	2400.0	2248.3	2068.3	1910.0
27.5°	2535.0	2538.3	2538.3	2551.7	2588.3	2673.3	2683.3	2583.3	2381.7	2146.7	1948.3
30°	2681.7	2695.0	2698.3	2701.7	2756.7	2875.0	2896.7	2751.7	2498.3	2205.0	1975.0
32.5°	2866.7	2871.7	2878.3	2886.7	2950.0	3095.0	3095.0	2896.7	2573.3	2241.7	1980.0
35°	3065.0	3066.7	3081.7	3083.3	3173.3	3318.3	3290.0	3016.7	2626.7	2233.3	1943.3
37.5°	3185.0	3191.7	3206.7	3226.7	3321.7	3526.7	3461.7	3120.0	2636.7	2178.3	1860.0
40°	3333.3	3346.7	3361.7	3381.7	3523.3	3738.3	3606.7	3185.0	2595.0	2070.0	1735.0
42.5°	3493.3	3511.7	3535.0	3571.7	3740.0	3925.0	3716.7	3195.0	2500.0	1948.3	1586.7
45°	3673.3	3706.7	3733.3	3776.7	3966.7	4086.7	3783.3	3136.7	2380.0	1788.3	1428.3
47.5°	3881.7	3908.3	3955.0	4001.7	4191.7	4196.7	3790.0	3023.3	2216.7	1628.3	1260.0
50°	4138.3	4155.0	4225.0	4253.3	4431.7	4311.7	3741.7	2870.0	2045.0	1448.3	1073.3
52.5°	4480.0	4503.3	4593.3	4636.7	4763.3	4468.3	3673.3	2703.3	1848.3	1246.7	881.7
55°	5155.0	5256.7	5320.0	5395.0	5476.7	4823.3	3643.3	2525.0	1626.7	1013.3	698.3
57.5°	7050.0	7016.7	7156.7	7326.7	7325.0	5635.0	3823.3	2371.7	1365.0	775.0	536.7
60°	9873.3	9905.0	9833.3	9935.0	9611.7	6641.7	4070.0	2210.0	1070.0	576.7	410.0
62.5°	11971.7	11788.3	11686.7	11566.7	10855.0	6751.7	3890.0	1878.3	778.3	405.0	315.0
65°	12468.3	12253.3	12035.0	11806.7	10733.3	6086.7	3191.7	1378.3	503.3	278.3	250.0
67.5°	11978.3	11633.3	11355.0	11120.0	9835.0	5045.0	2333.3	846.7	288.3	225.0	213.3
70°	10708.3	10326.7	9876.7	9613.3	8281.7	3718.3	1495.0	456.7	221.7	200.0	195.0
72.5°	7838.3	7525.0	7033.3	6731.7	5946.7	2260.0	835.0	256.7	206.7	191.7	185.0
75°	3053.3	2890.0	2685.0	2701.7	2411.7	1000.0	378.3	221.7	201.7	188.3	181.7
77.5°	525.0	511.7	473.3	473.3	538.3	365.0	251.7	223.3	200.0	185.0	173.3
80°	315.0	308.3	293.3	290.0	280.0	256.7	241.7	226.7	196.7	175.0	160.0
82.5°	206.7	198.3	193.3	191.7	208.3	225.0	226.7	225.0	186.7	151.7	130.0
85°	88.3	88.3	88.3	90.0	120.0	181.7	186.7	200.0	153.3	118.3	93.3
87.5°	15.0	18.3	18.3	20.0	21.7	40.0	50.0	65.0	51.7	50.0	45.0
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: P154570

CATALOG NUMBER: TLM-E05-LED-E1-T2

**CANDELA DISTRIBUTION (continued):**

	165°	175°	180°
0°	1531.7	1531.7	1531.7
2.5°	1490.0	1486.7	1486.7
5°	1485.0	1481.7	1483.3
7.5°	1505.0	1498.3	1500.0
10°	1541.7	1535.0	1531.7
12.5°	1588.3	1580.0	1580.0
15°	1636.7	1616.7	1615.0
17.5°	1676.7	1651.7	1648.3
20°	1721.7	1688.3	1683.3
22.5°	1763.3	1718.3	1711.7
25°	1793.3	1738.3	1730.0
27.5°	1806.7	1741.7	1735.0
30°	1816.7	1743.3	1733.3
32.5°	1806.7	1728.3	1720.0
35°	1751.7	1666.7	1661.7
37.5°	1656.7	1561.7	1555.0
40°	1531.7	1431.7	1415.0
42.5°	1371.7	1278.3	1260.0
45°	1216.7	1110.0	1101.7
47.5°	1050.0	948.3	953.3
50°	875.0	783.3	781.7
52.5°	708.3	628.3	623.3
55°	558.3	501.7	496.7
57.5°	441.7	411.7	406.7
60°	360.0	345.0	340.0
62.5°	290.0	285.0	283.3
65°	241.7	241.7	241.7
67.5°	210.0	211.7	211.7
70°	193.3	195.0	193.3
72.5°	186.7	191.7	191.7
75°	181.7	185.0	178.3
77.5°	178.3	180.0	168.3
80°	176.7	175.0	153.3
82.5°	153.3	148.3	130.0
85°	140.0	106.7	90.0
87.5°	71.7	50.0	38.3
90°	0.0	0.0	0.0

(END OF REPORT)