

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: P150116

Luminaire Tested: **TLM-F05-LED-E1-SL2-7050**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-41-14  
Report Number: P150116  
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-F05-LED-E1-SL2-7050  
Description: TALON MEDIUM LED SITE LUMINAIRE  
(5) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL  
Light Source: (35) 5000K CCT, 70 CRI LEDs  
Ballast/Driver: -

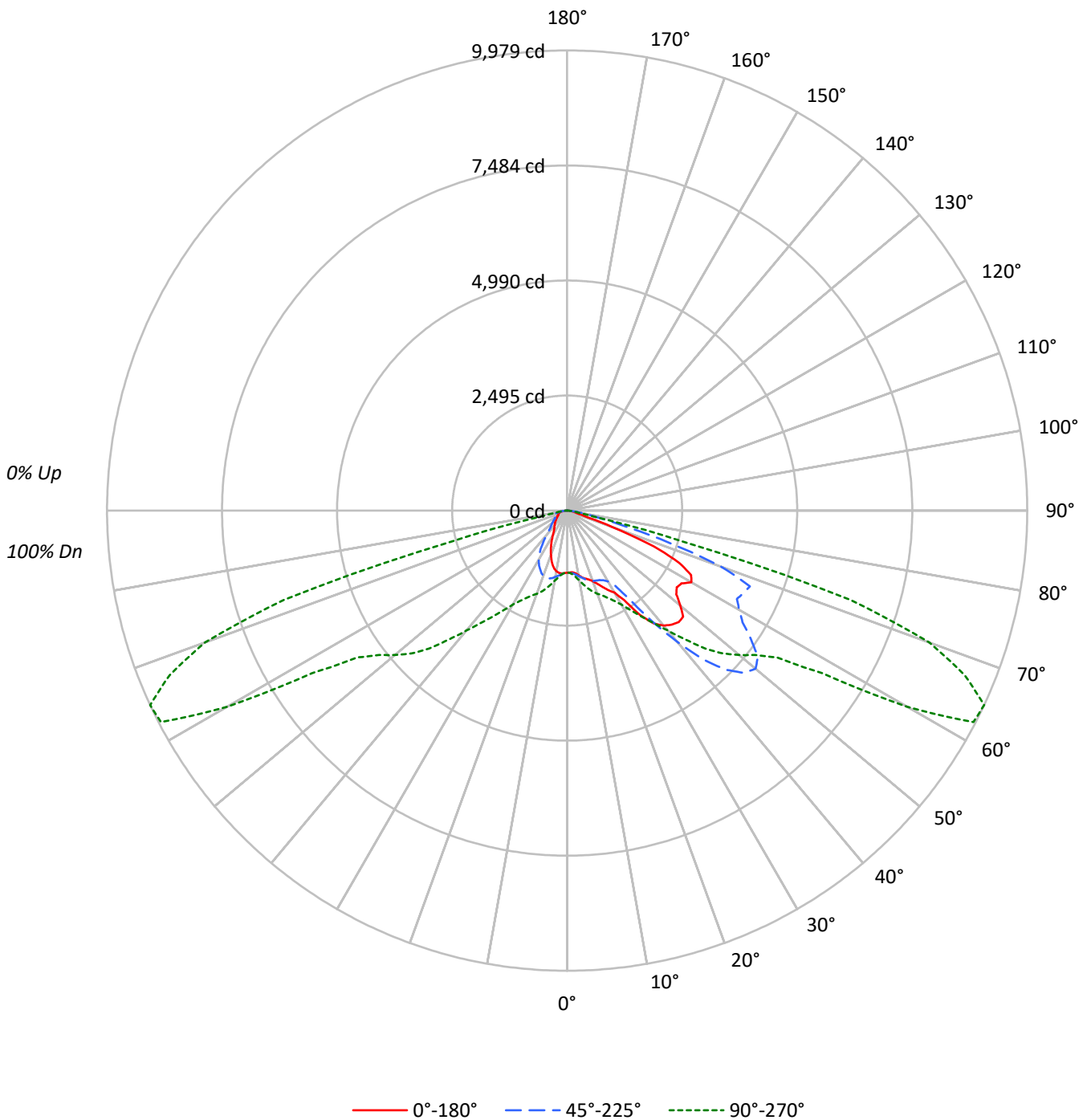
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 12939.5 lumens  
Efficiency: N/A  
Efficacy: 97.1 lumens/watt  
Spacing Criteria (0/90/45): 1.99 / 4.45 / 2.31  
Luminous Opening: Rectangular (W 0.83' x L: 1' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 133.3  
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-F05-LED-E1-SL2-7050

### 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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	106	100	94	90	103	98	93	88	93	89	85	89	86	83	85	83	80	78
2	93	83	74	67	90	81	73	66	77	70	64	74	68	63	70	66	61	59
3	82	69	59	51	80	68	58	51	64	56	50	61	54	49	59	53	48	45
4	74	59	48	40	71	57	47	40	55	46	39	52	45	38	50	43	38	35
5	66	51	40	32	64	50	39	32	47	38	31	45	37	31	43	36	30	28
6	60	44	34	26	58	43	33	26	41	32	26	40	32	25	38	31	25	23
7	55	39	29	22	53	38	29	22	37	28	22	35	27	21	34	27	21	19
8	51	35	25	19	49	34	25	19	33	24	18	32	24	18	30	23	18	16
9	47	32	22	16	46	31	22	16	30	22	16	29	21	16	28	21	16	14
10	44	29	20	14	42	28	20	14	27	19	14	26	19	14	25	19	14	12

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

	0°	90°	180°
0°	17467	17467	17467
5°	17478	18121	17827
10°	18703	20321	17606
15°	20490	23466	16377
20°	22465	26478	14146
25°	26202	29878	11696
30°	30739	35200	9239
35°	43830	44389	7712
40°	55139	57433	7170
45°	62739	77653	6810
50°	64630	98325	6438
55°	65565	125384	6256
60°	80670	220585	6225
65°	82399	306206	6542
70°	39506	316961	7439
75°	10893	130518	9054
80°	9171	18238	8962
85°	6086	11338	9657



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	133.9	1.0
10°-20°	437.8	3.4
20°-30°	756.1	5.8
30°-40°	1251.7	9.7
40°-50°	2122.8	16.4
50°-60°	2820.5	21.8
60°-70°	3643.3	28.2
70°-80°	1528.0	11.8
80°-90°	245.5	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°	1327.8	10.3
0°-40°	2579.5	19.9
0°-60°	7522.7	58.1
0°-90°	12939.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	12939.5	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	1347	1347	1347	1347	1347	
5°	1343	1365	1392	1384	1369	131
15°	1526	1544	1748	1523	1220	435
25°	1831	1663	2088	1396	817	855
35°	2768	2310	2804	988	487	1713
45°	3421	4882	4234	507	371	2598
55°	2900	4865	5546	344	277	2686
65°	2685	4218	9979	274	213	2427
75°	217	1213	2605	285	181	350
85°	41	102	76	88	65	55
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°	1346.9	1346.9	1346.9	1346.9	1346.9	1346.9	1346.9	1346.9	1346.9	1346.9	1346.9
2.5°	1342.6	1346.9	1344.0	1346.9	1349.7	1351.1	1353.9	1352.5	1352.5	1353.9	1351.1
5°	1342.6	1342.6	1346.9	1353.9	1356.7	1365.2	1375.1	1373.7	1375.1	1373.7	1376.5
7.5°	1370.9	1369.4	1373.7	1382.1	1385.0	1397.7	1414.6	1417.4	1420.3	1420.3	1424.5
10°	1420.3	1418.9	1423.1	1427.3	1431.6	1441.4	1465.4	1475.3	1476.7	1478.1	1483.8
12.5°	1482.4	1481.0	1475.3	1475.3	1473.9	1492.3	1524.7	1543.1	1545.9	1551.6	1555.8
15°	1526.1	1521.9	1513.4	1507.8	1514.9	1544.5	1592.5	1613.7	1616.5	1620.7	1632.0
17.5°	1568.5	1564.3	1545.9	1531.8	1541.7	1589.7	1654.6	1677.2	1682.9	1687.1	1699.8
20°	1627.8	1625.0	1598.1	1564.3	1561.4	1623.6	1702.6	1732.3	1736.5	1742.2	1754.9
22.5°	1718.2	1705.4	1674.4	1610.9	1579.8	1643.3	1736.5	1777.4	1783.1	1788.7	1805.7
25°	1831.1	1825.4	1771.8	1674.4	1609.4	1663.1	1773.2	1824.0	1832.5	1839.6	1862.2
27.5°	1948.3	1939.8	1881.9	1754.9	1661.7	1702.6	1831.1	1889.0	1900.3	1911.6	1932.7
30°	2052.7	2049.9	2001.9	1863.6	1746.4	1777.4	1924.3	1994.9	2007.6	2021.7	2041.5
32.5°	2298.4	2299.8	2250.4	2109.2	1951.1	1913.0	2058.4	2164.3	2169.9	2186.9	2222.2
35°	2768.5	2774.2	2755.8	2644.3	2466.4	2309.7	2323.8	2428.3	2433.9	2448.0	2481.9
37.5°	3083.4	3094.6	3151.1	3186.4	3096.1	3024.1	2844.8	2803.8	2808.1	2799.6	2792.5
40°	3257.0	3273.9	3422.2	3605.7	3704.5	3706.0	3628.3	3447.6	3378.4	3358.7	3273.9
42.5°	3355.8	3384.1	3594.4	3907.8	4191.6	4386.4	4434.4	4234.0	4183.1	4092.8	3930.4
45°	3420.8	3454.7	3703.1	4132.3	4550.2	4882.0	5131.9	5042.9	5009.0	4954.0	4804.3
47.5°	3409.5	3436.3	3694.7	4208.6	4738.0	5209.5	5652.8	5744.6	5703.6	5689.5	5587.9
50°	3203.4	3227.4	3490.0	4019.4	4634.9	5333.8	5983.2	6242.9	6242.9	6269.8	6238.7
52.5°	2983.1	3002.9	3241.5	3717.3	4301.7	5212.3	6166.7	6597.3	6653.8	6700.4	6773.8
55°	2899.8	2923.8	3104.5	3511.1	4018.0	4865.0	6228.8	6862.7	6967.2	7046.3	7212.8
57.5°	2939.4	2963.4	3091.8	3399.6	3851.4	4510.7	6231.7	7219.9	7421.8	7584.2	7921.6
60°	3110.2	3132.8	3240.1	3502.7	3807.6	4306.0	6111.7	7788.9	8110.7	8415.7	8977.6
62.5°	3031.1	3059.4	3216.1	3673.5	4133.7	4150.7	5678.2	8229.3	8747.5	9197.8	10091.5
65°	2685.2	2714.9	2837.7	3265.5	4153.5	4218.4	5035.9	8237.8	8881.6	9490.1	10454.3
67.5°	2038.6	2049.9	2147.3	2490.4	3321.9	4293.3	4375.1	7262.3	7875.0	8554.1	9549.4
70°	1041.9	1061.7	1089.9	1375.1	2138.9	3547.8	3759.6	5352.1	6132.8	6834.5	8030.3
72.5°	361.4	368.5	396.7	525.2	1041.9	2328.0	3290.9	3667.8	4139.4	4795.9	6180.8
75°	217.4	217.4	227.3	265.4	475.8	1212.7	2928.1	2995.8	3059.4	3279.6	4186.0
77.5°	172.2	175.1	175.1	182.1	264.0	622.6	2223.6	2785.5	2793.9	2815.1	2967.6
80°	122.8	128.5	139.8	145.4	170.8	341.7	1248.0	2445.2	2611.8	2692.3	2803.8
82.5°	91.8	97.4	118.6	125.6	132.7	190.6	560.5	1687.1	1990.6	2151.6	2544.1
85°	40.9	48.0	80.5	88.9	93.2	101.6	262.6	480.0	552.0	619.8	817.4
87.5°	7.1	7.1	12.7	18.4	26.8	25.4	57.9	81.9	83.3	97.4	108.7
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°	1346.9	1346.9	1346.9	1346.9	1346.9	1346.9	1346.9	1346.9	1346.9	1346.9	1346.9
2.5°	1351.1	1351.1	1351.1	1349.7	1351.1	1351.1	1351.1	1351.1	1352.5	1352.5	1352.5
5°	1380.7	1377.9	1379.3	1379.3	1379.3	1377.9	1380.7	1379.3	1380.7	1385.0	1383.6
7.5°	1424.5	1427.3	1428.7	1430.1	1430.1	1430.1	1431.6	1434.4	1434.4	1438.6	1437.2
10°	1489.4	1488.0	1489.4	1493.7	1497.9	1499.3	1503.6	1502.1	1505.0	1510.6	1516.3
12.5°	1558.6	1561.4	1565.7	1569.9	1577.0	1578.4	1582.6	1584.0	1592.5	1592.5	1598.1
15°	1636.3	1637.7	1646.2	1647.6	1656.0	1658.9	1665.9	1668.7	1678.6	1680.0	1685.7
17.5°	1706.9	1709.7	1713.9	1718.2	1728.0	1732.3	1737.9	1743.6	1752.0	1754.9	1764.7
20°	1763.3	1769.0	1770.4	1778.9	1787.3	1793.0	1798.6	1804.3	1812.7	1817.0	1826.9
22.5°	1814.2	1819.8	1824.0	1831.1	1836.7	1845.2	1848.0	1857.9	1866.4	1873.4	1881.9
25°	1869.2	1877.7	1881.9	1894.6	1898.9	1907.3	1914.4	1924.3	1935.6	1944.0	1955.3
27.5°	1946.9	1959.6	1965.2	1979.3	1989.2	1993.5	2004.7	2018.9	2028.7	2038.6	2049.9
30°	2054.2	2078.2	2082.4	2092.3	2110.6	2113.5	2127.6	2138.9	2154.4	2164.3	2174.2
32.5°	2220.7	2250.4	2253.2	2264.5	2280.0	2285.7	2297.0	2309.7	2333.7	2337.9	2353.5
35°	2476.3	2489.0	2500.3	2504.5	2517.2	2524.3	2532.8	2546.9	2570.9	2568.1	2585.0
37.5°	2782.6	2786.9	2788.3	2774.2	2777.0	2764.3	2779.8	2782.6	2791.1	2798.2	2815.1
40°	3220.3	3176.5	3170.9	3137.0	3103.1	3084.8	3077.7	3049.5	3056.5	3059.4	3073.5
42.5°	3859.8	3775.1	3704.5	3656.5	3573.2	3532.3	3477.2	3433.5	3399.6	3412.3	3418.0
45°	4670.2	4548.8	4435.9	4289.0	4180.3	4102.7	4005.3	3917.7	3878.2	3859.8	3882.4
47.5°	5479.2	5371.9	5239.2	5088.1	4915.9	4787.4	4625.0	4482.4	4383.6	4346.9	4366.7
50°	6178.0	6079.2	5978.9	5890.0	5689.5	5549.8	5328.1	5143.2	4987.9	4908.8	4887.6
52.5°	6758.3	6706.0	6652.4	6577.5	6416.6	6276.8	6100.4	5918.2	5712.1	5551.2	5496.1
55°	7276.4	7307.4	7280.6	7282.0	7218.5	7129.6	6979.9	6844.4	6700.4	6518.2	6442.0
57.5°	8031.7	8215.2	8251.9	8343.7	8388.9	8436.9	8479.2	8398.8	8362.0	8226.5	8227.9
60°	9221.8	9490.1	9723.0	9934.8	10108.4	10277.9	10455.7	10534.8	10622.3	10663.3	10803.0
62.5°	10488.2	10743.7	11091.0	11374.8	11534.3	11754.6	11948.0	12073.7	12227.5	12391.3	12604.5
65°	10801.6	11109.4	11328.2	11517.4	11675.5	11792.7	11898.6	12048.2	12176.7	12436.5	12687.8
67.5°	9998.3	10244.0	10444.4	10630.8	10753.6	10852.5	10947.0	11045.9	11266.1	11501.9	11754.6
70°	8582.3	8878.8	9210.5	9452.0	9512.7	9597.4	9687.7	9816.2	9926.3	10173.4	10365.4
72.5°	6895.2	7321.6	7602.5	7937.1	8009.1	8137.6	8188.4	8288.6	8308.4	8442.5	8493.3
75°	4805.7	5294.2	5576.6	5822.2	5870.2	5799.6	5827.9	5473.5	5383.2	5309.8	5250.5
77.5°	3172.3	3303.6	3348.8	3309.2	3120.1	2971.8	2813.7	2658.4	2675.3	2549.7	2329.5
80°	2820.8	2850.4	2809.5	2769.9	2661.2	2505.9	2363.3	2217.9	2145.9	2069.7	1956.7
82.5°	2744.5	2858.9	2871.6	2823.6	2737.5	2568.1	2395.8	2179.8	1996.3	1826.9	1654.6
85°	917.7	1116.7	1205.7	1289.0	1314.4	1344.0	1242.4	1104.0	937.4	825.9	646.6
87.5°	117.2	145.4	168.0	144.0	168.0	197.7	142.6	159.5	160.9	100.2	74.8
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°	1346.9	1346.9	1346.9	1346.9	1346.9	1346.9	1346.9	1346.9	1346.9	1346.9	1346.9
2.5°	1353.9	1352.5	1352.5	1352.5	1351.1	1352.5	1352.5	1352.5	1352.5	1352.5	1351.1
5°	1385.0	1385.0	1389.2	1390.6	1387.8	1386.4	1387.8	1389.2	1389.2	1387.8	1389.2
7.5°	1442.9	1444.3	1447.1	1451.3	1448.5	1449.9	1451.3	1449.9	1454.1	1455.6	1454.1
10°	1516.3	1519.1	1526.1	1527.6	1526.1	1531.8	1533.2	1530.4	1533.2	1533.2	1538.9
12.5°	1601.0	1603.8	1612.3	1615.1	1617.9	1619.3	1623.6	1625.0	1629.2	1632.0	1636.3
15°	1692.7	1695.6	1701.2	1711.1	1713.9	1716.7	1719.6	1728.0	1729.4	1735.1	1739.3
17.5°	1770.4	1774.6	1783.1	1790.2	1794.4	1801.4	1804.3	1814.2	1817.0	1825.4	1832.5
20°	1832.5	1839.6	1846.6	1855.1	1862.2	1870.6	1873.4	1883.3	1889.0	1893.2	1901.7
22.5°	1889.0	1897.4	1907.3	1917.2	1922.9	1934.2	1938.4	1942.6	1955.3	1961.0	1969.5
25°	1962.4	1970.9	1982.2	1994.9	2000.5	2014.6	2018.9	2025.9	2040.0	2045.7	2058.4
27.5°	2062.6	2073.9	2082.4	2095.1	2102.2	2112.0	2121.9	2130.4	2143.1	2151.6	2165.7
30°	2188.3	2196.7	2210.9	2220.7	2232.0	2246.2	2257.5	2265.9	2273.0	2285.7	2301.2
32.5°	2373.2	2374.6	2378.9	2402.9	2414.2	2425.5	2441.0	2448.0	2459.3	2472.0	2489.0
35°	2603.3	2616.1	2625.9	2637.2	2649.9	2662.6	2668.3	2689.5	2699.3	2716.3	2733.2
37.5°	2832.1	2833.5	2856.1	2863.1	2874.4	2887.1	2906.9	2928.1	2953.5	2970.4	2997.2
40°	3077.7	3089.0	3117.2	3131.4	3145.5	3176.5	3192.1	3225.9	3268.3	3292.3	3337.5
42.5°	3433.5	3450.4	3501.2	3523.8	3557.7	3608.5	3641.0	3687.6	3704.5	3762.4	3783.6
45°	3899.4	3951.6	4025.0	4073.0	4133.7	4188.8	4217.0	4238.2	4263.6	4308.8	4303.1
47.5°	4403.4	4471.1	4553.0	4651.9	4691.4	4756.3	4793.0	4834.0	4811.4	4800.1	4788.8
50°	4920.1	4999.2	5107.9	5196.8	5257.5	5297.0	5328.1	5322.5	5274.5	5249.0	5178.5
52.5°	5494.7	5541.3	5644.3	5720.6	5757.3	5765.8	5758.7	5716.3	5671.2	5590.7	5507.4
55°	6375.7	6354.5	6395.4	6430.7	6419.4	6459.0	6357.3	6317.8	6206.2	6101.8	5990.2
57.5°	8165.8	8194.0	7965.3	7862.3	7843.9	7880.6	7701.3	7678.7	7409.1	7375.2	7187.4
60°	10783.3	10921.6	10742.3	10642.1	10371.0	10282.1	10081.6	9998.3	9740.0	9531.0	9267.0
62.5°	12751.3	12877.0	12951.8	12809.2	12651.1	12418.1	12114.6	11778.6	11504.7	11184.2	10904.7
65°	12929.2	13183.3	13355.6	13421.9	13310.4	13054.8	12680.7	12257.2	11837.9	11435.5	11082.6
67.5°	12097.7	12325.0	12591.8	12830.4	12844.5	12677.9	12358.8	11928.2	11444.0	10947.0	10533.4
70°	10668.9	10954.1	11187.0	11438.3	11613.4	11517.4	11357.9	10962.6	10460.0	10073.1	9597.4
72.5°	8676.9	8796.9	8853.4	9100.4	9103.2	8928.2	8815.2	8596.4	8191.2	7917.3	7554.5
75°	5066.9	4802.9	4522.0	4277.7	4078.7	3995.4	3625.5	3563.4	3314.9	3161.0	2935.1
77.5°	2089.5	1853.7	1550.1	1297.4	1047.6	934.6	770.8	698.8	605.7	564.7	537.9
80°	1791.6	1568.5	1339.8	1121.0	926.1	731.3	569.0	441.9	347.3	295.1	273.9
82.5°	1462.6	1328.5	1169.0	1050.4	897.9	752.5	635.3	492.7	368.5	271.1	207.5
85°	528.0	433.4	348.7	320.5	255.5	210.4	176.5	151.1	124.2	98.8	87.5
87.5°	59.3	56.5	32.5	31.1	35.3	25.4	29.6	26.8	22.6	19.8	21.2
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: P150116

CATALOG NUMBER: TLM-F05-LED-E1-SL2-7050

**CANDELA DISTRIBUTION (continued):**

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1346.9	1346.9	1346.9	1346.9	1346.9	1346.9	1346.9	1346.9	1346.9	1346.9	1346.9
2.5°	1351.1	1351.1	1352.5	1352.5	1353.9	1355.3	1358.1	1356.7	1356.7	1358.1	1358.1
5°	1389.2	1393.4	1392.0	1392.0	1392.0	1393.4	1394.9	1389.2	1383.6	1377.9	1375.1
7.5°	1455.6	1458.4	1461.2	1458.4	1461.2	1459.8	1457.0	1441.4	1423.1	1400.5	1385.0
10°	1541.7	1541.7	1544.5	1543.1	1548.7	1544.5	1536.0	1500.7	1461.2	1413.2	1377.9
12.5°	1634.9	1644.7	1640.5	1641.9	1653.2	1641.9	1622.1	1569.9	1499.3	1421.7	1359.6
15°	1745.0	1749.2	1752.0	1747.8	1754.9	1745.0	1709.7	1626.4	1523.3	1414.6	1322.8
17.5°	1835.3	1836.7	1838.2	1841.0	1850.9	1839.6	1778.9	1665.9	1529.0	1382.1	1260.7
20°	1905.9	1913.0	1918.6	1918.6	1932.7	1915.8	1835.3	1685.7	1510.6	1328.5	1181.7
22.5°	1979.3	1985.0	1992.0	1993.5	2011.8	1994.9	1881.9	1681.4	1462.6	1252.3	1089.9
25°	2069.7	2075.3	2081.0	2088.0	2113.5	2089.5	1928.5	1664.5	1396.3	1161.9	991.1
27.5°	2174.2	2186.9	2191.1	2202.4	2232.0	2195.3	1968.0	1639.1	1322.8	1057.4	886.6
30°	2313.9	2329.5	2335.1	2350.6	2391.6	2311.1	1990.6	1595.3	1229.7	951.5	775.1
32.5°	2501.7	2522.9	2539.8	2556.8	2603.3	2426.9	1993.5	1531.8	1121.0	833.0	667.8
35°	2747.3	2779.8	2792.5	2803.8	2847.6	2552.5	1980.7	1437.2	988.3	711.5	583.1
37.5°	3022.6	3055.1	3063.6	3069.2	3077.7	2659.8	1949.7	1293.2	838.6	605.7	515.3
40°	3361.5	3389.7	3401.0	3392.5	3347.4	2743.1	1880.5	1125.2	693.2	533.7	473.0
42.5°	3775.1	3817.5	3821.7	3783.6	3634.0	2789.7	1742.2	927.5	578.8	481.4	440.5
45°	4287.6	4284.8	4260.8	4234.0	3946.0	2771.3	1548.7	755.3	506.8	440.5	410.8
47.5°	4747.9	4699.9	4663.2	4584.1	4221.3	2664.1	1298.8	625.4	463.1	409.4	385.4
50°	5124.8	5037.3	4959.6	4873.5	4426.0	2473.5	1050.4	530.8	422.1	382.6	361.4
52.5°	5422.7	5316.8	5226.5	5141.7	4623.6	2261.7	861.2	461.7	382.6	355.8	334.6
55°	5888.6	5782.7	5638.7	5545.5	4925.7	2066.9	738.4	406.6	344.5	327.5	306.4
57.5°	7067.4	6974.3	6802.0	6560.6	5702.2	1993.5	669.2	364.2	313.4	303.5	286.6
60°	9125.8	8974.8	8750.3	8504.6	7280.6	2042.9	614.1	334.6	292.2	283.8	271.1
62.5°	10678.8	10413.4	10159.3	9932.0	8542.8	2041.5	542.1	312.0	276.7	272.5	259.8
65°	10742.3	10472.7	10217.1	9978.6	8571.0	1817.0	457.4	292.2	273.9	272.5	251.3
67.5°	10172.0	9879.7	9632.7	9331.9	7934.3	1420.3	367.1	279.5	285.2	282.4	248.5
70°	9240.2	8859.0	8655.7	8359.2	6982.7	993.9	302.1	283.8	309.2	300.7	252.7
72.5°	7252.4	6964.4	6655.2	6449.1	5466.5	628.2	254.1	286.6	319.1	304.9	264.0
75°	2699.3	2777.0	2649.9	2604.8	2777.0	368.5	225.9	266.8	285.2	264.0	240.0
77.5°	545.0	521.0	494.1	488.5	631.1	227.3	207.5	231.5	218.8	193.4	194.8
80°	261.2	254.1	245.7	244.2	234.4	189.2	192.0	197.7	165.2	149.7	159.5
82.5°	173.7	163.8	160.9	155.3	158.1	169.4	182.1	169.4	127.1	118.6	144.0
85°	80.5	77.6	76.2	76.2	84.7	152.5	151.1	124.2	87.5	84.7	144.0
87.5°	19.8	19.8	21.2	19.8	22.6	45.2	39.5	38.1	32.5	36.7	67.8
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: P150116

CATALOG NUMBER: TLM-F05-LED-E1-SL2-7050

**CANDELA DISTRIBUTION (continued):**

	165°	175°	180°
0°	1346.9	1346.9	1346.9
2.5°	1356.7	1358.1	1356.7
5°	1369.4	1369.4	1369.4
7.5°	1369.4	1365.2	1363.8
10°	1349.7	1337.0	1337.0
12.5°	1315.8	1294.6	1291.8
15°	1252.3	1224.0	1219.8
17.5°	1171.8	1133.7	1126.6
20°	1081.4	1033.4	1025.0
22.5°	982.6	927.5	923.3
25°	885.2	828.7	817.4
27.5°	776.5	721.4	715.8
30°	667.8	619.8	617.0
32.5°	576.0	546.4	540.7
35°	511.1	494.1	487.1
37.5°	468.7	456.0	454.6
40°	436.2	424.9	423.5
42.5°	409.4	399.5	398.1
45°	382.6	374.1	371.3
47.5°	355.8	347.3	345.9
50°	331.8	320.5	319.1
52.5°	309.2	297.9	295.1
55°	288.0	276.7	276.7
57.5°	269.7	258.4	256.9
60°	252.7	241.4	240.0
62.5°	240.0	225.9	224.5
65°	230.1	216.0	213.2
67.5°	224.5	207.5	203.3
70°	234.4	203.3	196.2
72.5°	235.8	199.1	189.2
75°	227.3	187.8	180.7
77.5°	199.1	168.0	160.9
80°	172.2	129.9	120.0
82.5°	163.8	105.9	91.8
85°	127.1	69.2	64.9
87.5°	72.0	38.1	31.1
90°	0.0	0.0	0.0

(END OF REPORT)