

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: P154576

Luminaire Tested: **TLM-F05-LED-E1-T2-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P154576
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-F05-LED-E1-T2-7050
Description: TALON MEDIUM LED SITE LUMINAIRE
(5) LIGHTBARS WITH AccuLED OPTICS - TYPE 2
Light Source: (35) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12976.6 lumens
Efficiency: N/A
Efficacy: 97.3 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

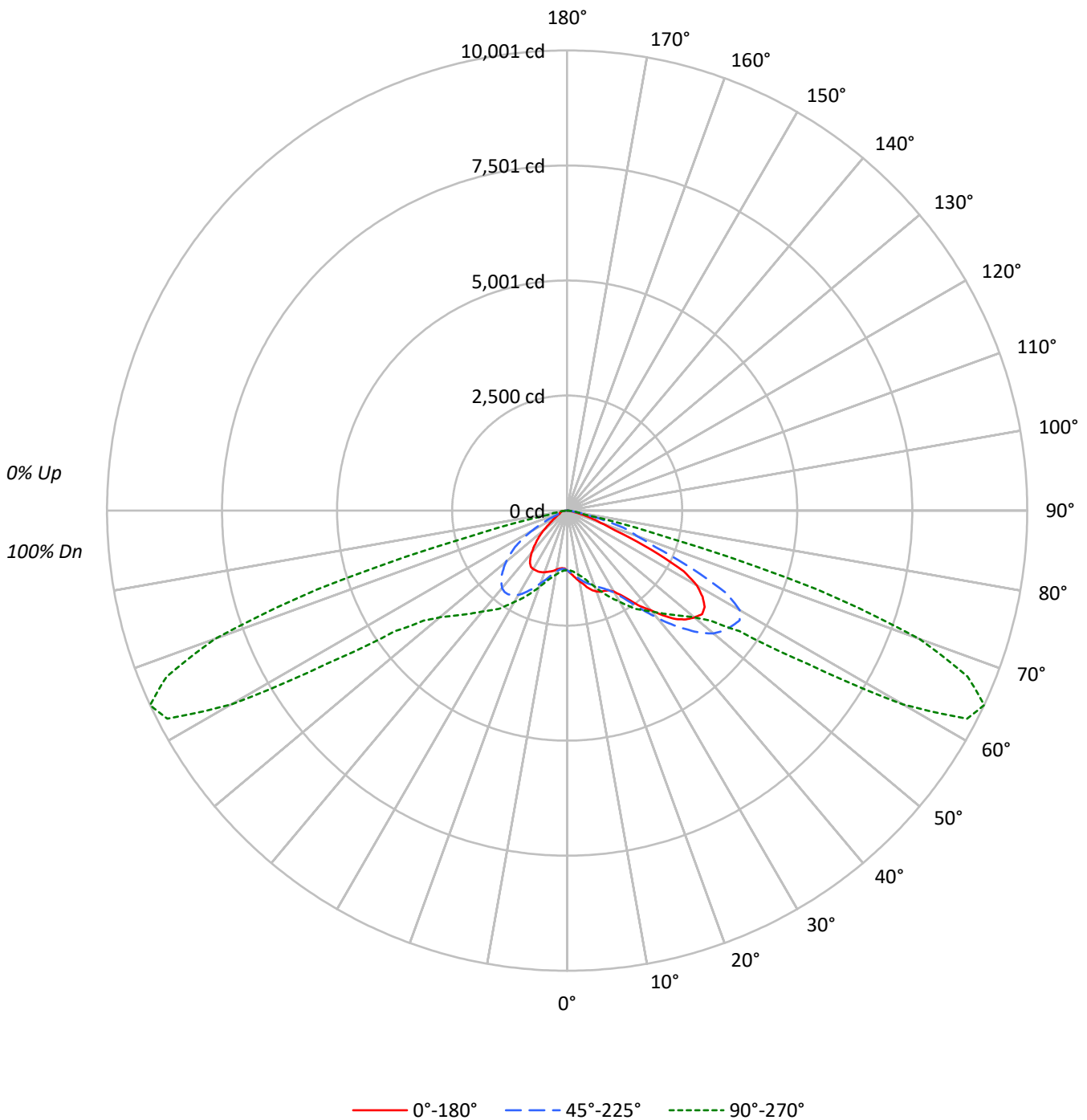
Input Watts (W): 133.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P154576

CATALOG NUMBER: TLM-F05-LED-E1-T2-7050

Luminous Intensity Polar Plot





TEST NUMBER: P154576

CATALOG NUMBER: TLM-F05-LED-E1-T2-7050

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	16825	16825	16825
5°	18397	17240	16357
10°	20581	18647	17085
15°	23314	20832	18367
20°	25855	24394	19679
25°	27535	28989	20969
30°	30402	34270	21988
35°	37640	41349	22285
40°	47778	48494	20291
45°	61185	58673	17115
50°	72890	72690	13358
55°	82515	103328	9512
60°	84477	218279	7470
65°	62124	306896	6281
70°	29496	308770	6211
75°	16059	114669	7571
80°	7588	18350	9701
85°	3571	11338	11338



TEST NUMBER: P154576

CATALOG NUMBER: TLM-F05-LED-E1-T2-7050

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	129.9	1.0
10°-20°	446.3	3.4
20°-30°	876.7	6.8
30°-40°	1456.7	11.2
40°-50°	2140.5	16.5
50°-60°	2963.5	22.8
60°-70°	3537.2	27.3
70°-80°	1250.9	9.6
80°-90°	174.8	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°	1452.9	11.2
0°-40°	2909.6	22.4
0°-60°	8013.6	61.8
0°-90°	12976.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	12976.6	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	1297	1297	1297	1297	1297	
5°	1413	1386	1324	1273	1256	140
15°	1736	1628	1552	1489	1368	494
25°	1924	1866	2026	1904	1465	897
35°	2378	2458	2612	2225	1408	1520
45°	3336	3641	3199	2016	933	2553
55°	3650	4375	4570	1378	421	3198
65°	2024	3017	10001	426	205	1974
75°	320	908	2288	171	151	395
85°	24	49	76	130	76	34
90°	0	0	0	0	0	



TEST NUMBER: P154576

CATALOG NUMBER: TLM-F05-LED-E1-T2-7050

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1297.4	1297.4	1297.4	1297.4	1297.4	1297.4	1297.4	1297.4	1297.4	1297.4	1297.4
2.5°	1353.9	1355.3	1352.5	1351.1	1346.9	1339.8	1334.1	1328.5	1328.5	1328.5	1324.3
5°	1413.2	1416.0	1410.4	1406.1	1393.4	1386.4	1376.5	1369.4	1366.6	1365.2	1361.0
7.5°	1488.0	1483.8	1475.3	1472.5	1462.6	1447.1	1428.7	1414.6	1414.6	1413.2	1414.6
10°	1562.9	1551.6	1547.3	1543.1	1527.6	1507.8	1486.6	1471.1	1469.7	1468.3	1464.0
12.5°	1637.7	1633.4	1629.2	1613.7	1598.1	1567.1	1543.1	1527.6	1526.1	1527.6	1521.9
15°	1736.5	1726.6	1722.4	1695.6	1661.7	1627.8	1598.1	1584.0	1579.8	1581.2	1577.0
17.5°	1812.7	1812.7	1802.9	1773.2	1729.4	1682.9	1651.8	1643.3	1641.9	1641.9	1643.3
20°	1873.4	1872.0	1862.2	1838.2	1785.9	1739.3	1723.8	1721.0	1719.6	1719.6	1723.8
22.5°	1907.3	1904.5	1900.3	1873.4	1832.5	1801.4	1802.9	1811.3	1814.2	1817.0	1822.6
25°	1924.3	1920.0	1918.6	1900.3	1870.6	1866.4	1891.8	1914.4	1920.0	1925.7	1932.7
27.5°	1952.5	1945.5	1948.3	1941.2	1934.2	1946.9	1999.1	2023.1	2027.3	2034.4	2038.6
30°	2030.2	2027.3	2038.6	2041.5	2047.1	2065.5	2113.5	2136.0	2145.9	2145.9	2165.7
32.5°	2178.4	2179.8	2182.6	2212.3	2222.2	2234.9	2260.3	2278.6	2280.0	2281.5	2299.8
35°	2377.5	2385.9	2409.9	2435.3	2459.3	2457.9	2442.4	2452.3	2445.2	2453.7	2455.1
37.5°	2628.8	2617.5	2652.8	2710.6	2747.3	2737.5	2668.3	2623.1	2635.8	2630.2	2625.9
40°	2822.2	2834.9	2902.6	2978.9	3007.1	3038.2	2947.8	2870.2	2858.9	2837.7	2825.0
42.5°	3089.0	3090.4	3145.5	3201.9	3283.8	3351.6	3293.7	3182.2	3148.3	3122.9	3067.8
45°	3336.1	3331.8	3377.0	3446.2	3543.6	3641.0	3662.2	3540.8	3528.1	3482.9	3410.9
47.5°	3501.2	3495.6	3526.7	3617.0	3775.1	3934.7	4022.2	3985.5	3961.5	3943.1	3830.2
50°	3612.8	3601.5	3636.8	3732.8	3909.3	4154.9	4383.6	4414.7	4404.8	4404.8	4332.8
52.5°	3696.1	3696.1	3721.5	3799.1	3978.4	4284.8	4694.2	4850.9	4863.6	4877.7	4873.5
55°	3649.5	3656.5	3720.1	3833.0	4022.2	4375.1	4951.2	5294.2	5364.8	5424.1	5491.9
57.5°	3490.0	3514.0	3598.7	3783.6	4033.5	4442.9	5236.3	5915.4	6114.5	6286.7	6555.0
60°	3257.0	3288.1	3410.9	3646.7	3950.2	4332.8	5336.6	6440.6	6756.8	7132.4	7832.6
62.5°	2857.5	2888.5	3008.5	3244.3	3504.1	3910.7	4921.5	6518.2	7023.7	7555.9	8614.8
65°	2024.5	1975.1	2113.5	2325.2	2623.1	3017.0	3977.0	5997.3	6724.4	7445.8	8753.1
67.5°	1128.0	1123.8	1208.5	1366.6	1651.8	2075.3	2740.3	4599.6	5268.8	6086.2	7691.4
70°	777.9	786.4	840.0	1010.8	1246.6	1612.3	1952.5	2888.5	3369.9	3924.8	5503.2
72.5°	546.4	564.7	594.4	696.0	937.4	1358.1	1994.9	1726.6	1966.6	2345.0	3309.2
75°	320.5	333.2	354.4	403.8	533.7	907.8	2065.5	1517.7	1517.7	1606.6	2001.9
77.5°	197.7	197.7	210.4	230.1	283.8	444.7	1471.1	1705.4	1657.4	1606.6	1610.9
80°	101.6	108.7	127.1	136.9	158.1	203.3	660.7	1591.1	1745.0	1848.0	1776.0
82.5°	46.6	52.2	77.6	83.3	91.8	107.3	227.3	905.0	1212.7	1596.7	1994.9
85°	24.0	24.0	40.9	50.8	55.1	49.4	83.3	365.7	553.4	844.3	1321.4
87.5°	4.2	4.2	7.1	8.5	12.7	11.3	14.1	21.2	35.3	38.1	39.5
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: P154576

CATALOG NUMBER: TLM-F05-LED-E1-T2-7050

CANDELA DISTRIBUTION (continued):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1297.4	1297.4	1297.4	1297.4	1297.4	1297.4	1297.4	1297.4	1297.4	1297.4	1297.4
2.5°	1322.8	1324.3	1322.8	1321.4	1318.6	1318.6	1318.6	1317.2	1317.2	1317.2	1315.8
5°	1361.0	1355.3	1356.7	1353.9	1352.5	1351.1	1352.5	1349.7	1346.9	1348.3	1346.9
7.5°	1409.0	1406.1	1400.5	1400.5	1399.1	1396.3	1396.3	1392.0	1390.6	1387.8	1386.4
10°	1462.6	1455.6	1458.4	1455.6	1457.0	1451.3	1448.5	1445.7	1442.9	1442.9	1444.3
12.5°	1517.7	1516.3	1512.0	1509.2	1509.2	1505.0	1506.4	1505.0	1500.7	1499.3	1495.1
15°	1574.1	1574.1	1569.9	1571.3	1569.9	1567.1	1564.3	1564.3	1561.4	1558.6	1560.0
17.5°	1640.5	1640.5	1640.5	1640.5	1641.9	1637.7	1639.1	1636.3	1633.4	1639.1	1639.1
20°	1726.6	1732.3	1732.3	1730.9	1737.9	1733.7	1732.3	1739.3	1732.3	1742.2	1740.7
22.5°	1825.4	1831.1	1831.1	1836.7	1838.2	1842.4	1845.2	1842.4	1848.0	1853.7	1853.7
25°	1935.6	1941.2	1945.5	1953.9	1958.2	1955.3	1956.7	1963.8	1966.6	1972.3	1977.9
27.5°	2051.3	2052.7	2058.4	2068.3	2075.3	2078.2	2079.6	2090.9	2092.3	2095.1	2100.7
30°	2164.3	2178.4	2175.6	2188.3	2192.5	2196.7	2205.2	2209.5	2219.3	2225.0	2225.0
32.5°	2297.0	2294.2	2305.5	2315.3	2322.4	2329.5	2336.5	2342.2	2347.8	2350.6	2364.8
35°	2462.2	2467.8	2467.8	2469.2	2486.2	2487.6	2493.2	2505.9	2510.2	2518.6	2524.3
37.5°	2625.9	2616.1	2614.6	2614.6	2609.0	2613.2	2614.6	2616.1	2621.7	2623.1	2628.8
40°	2809.5	2796.8	2785.5	2778.4	2767.1	2751.6	2748.8	2741.7	2745.9	2744.5	2745.9
42.5°	3060.8	3025.5	2998.6	2978.9	2956.3	2939.4	2926.6	2908.3	2895.6	2880.1	2877.2
45°	3381.2	3314.9	3269.7	3237.2	3204.8	3158.2	3131.4	3103.1	3077.7	3052.3	3031.1
47.5°	3802.0	3731.4	3659.4	3600.1	3549.2	3474.4	3398.2	3355.8	3306.4	3262.7	3231.6
50°	4297.5	4212.8	4178.9	4095.6	4032.1	3919.1	3824.5	3755.4	3656.5	3590.2	3532.3
52.5°	4804.3	4783.2	4764.8	4694.2	4619.4	4554.4	4471.1	4349.7	4249.5	4173.3	4054.7
55°	5494.7	5504.6	5497.5	5459.4	5432.6	5370.5	5336.6	5230.7	5185.5	5075.4	4951.2
57.5°	6656.6	6735.7	6835.9	6875.4	6929.1	6878.3	6937.5	7009.6	6830.3	6892.4	6780.8
60°	8140.4	8503.2	8719.2	8984.6	9158.3	9401.1	9444.9	9508.4	9490.1	9525.4	9597.4
62.5°	9046.8	9477.4	9891.0	10191.7	10513.6	10691.5	10906.1	11055.7	11211.0	11315.5	11285.9
65°	9313.6	9756.9	10132.4	10461.4	10749.4	10966.8	11165.9	11353.6	11496.2	11596.5	11655.8
67.5°	8333.8	8912.6	9307.9	9693.4	10064.7	10293.4	10460.0	10642.1	10851.0	11024.7	11058.6
70°	6271.2	7139.4	7699.9	8161.6	8597.8	8905.6	9138.5	9307.9	9470.3	9594.5	9730.1
72.5°	3922.0	4681.5	5322.5	5921.1	6384.1	6807.7	7003.9	7379.4	7330.0	7424.6	7526.3
75°	2350.6	2720.5	3073.5	3495.6	3738.4	4091.4	4154.9	4217.0	4184.6	4078.7	4157.7
77.5°	1633.4	1694.2	1691.3	1667.3	1641.9	1579.8	1499.3	1455.6	1425.9	1383.6	1400.5
80°	1643.3	1512.0	1311.6	1102.6	910.6	783.5	732.7	732.7	785.0	859.8	934.6
82.5°	1963.8	1824.0	1626.4	1361.0	1078.6	878.1	744.0	690.4	700.2	776.5	872.5
85°	1324.3	1355.3	1188.7	1087.1	861.2	670.6	561.9	456.0	403.8	416.5	471.5
87.5°	48.0	57.9	21.2	28.2	19.8	16.9	16.9	18.4	12.7	15.5	14.1
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: P154576

CATALOG NUMBER: TLM-F05-LED-E1-T2-7050

CANDELA DISTRIBUTION (continued):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1297.4	1297.4	1297.4	1297.4	1297.4	1297.4	1297.4	1297.4	1297.4	1297.4	1297.4
2.5°	1314.4	1313.0	1313.0	1310.1	1310.1	1308.7	1308.7	1307.3	1305.9	1305.9	1304.5
5°	1345.4	1344.0	1341.2	1339.8	1337.0	1337.0	1335.6	1332.7	1332.7	1329.9	1328.5
7.5°	1389.2	1386.4	1383.6	1382.1	1380.7	1376.5	1376.5	1373.7	1373.7	1370.9	1369.4
10°	1441.4	1438.6	1435.8	1437.2	1433.0	1431.6	1428.7	1428.7	1424.5	1423.1	1423.1
12.5°	1497.9	1496.5	1496.5	1492.3	1490.9	1489.4	1483.8	1483.8	1483.8	1481.0	1482.4
15°	1558.6	1560.0	1555.8	1560.0	1558.6	1554.4	1554.4	1554.4	1548.7	1555.8	1550.1
17.5°	1640.5	1644.7	1641.9	1643.3	1640.5	1640.5	1641.9	1640.5	1643.3	1643.3	1651.8
20°	1742.2	1743.6	1750.6	1747.8	1747.8	1746.4	1749.2	1750.6	1756.3	1753.4	1759.1
22.5°	1853.7	1860.7	1862.2	1867.8	1867.8	1866.4	1869.2	1874.9	1877.7	1881.9	1880.5
25°	1980.7	1985.0	1990.6	1983.6	1994.9	1994.9	1997.7	2004.7	2006.2	2006.2	2016.0
27.5°	2099.3	2110.6	2112.0	2119.1	2114.9	2117.7	2127.6	2131.8	2137.5	2137.5	2140.3
30°	2233.5	2237.7	2240.5	2249.0	2247.6	2249.0	2250.4	2257.5	2257.5	2264.5	2271.6
32.5°	2371.8	2374.6	2377.5	2385.9	2388.8	2394.4	2391.6	2397.2	2404.3	2405.7	2409.9
35°	2537.0	2539.8	2542.6	2555.3	2556.8	2566.6	2569.5	2566.6	2577.9	2570.9	2577.9
37.5°	2633.0	2645.7	2648.5	2657.0	2654.2	2661.2	2665.5	2671.1	2673.9	2679.6	2690.9
40°	2750.2	2754.4	2762.9	2767.1	2772.8	2774.2	2779.8	2784.1	2788.3	2801.0	2813.7
42.5°	2870.2	2875.8	2880.1	2885.7	2892.8	2898.4	2902.6	2915.4	2918.2	2926.6	2950.6
45°	3015.6	3012.8	3014.2	3015.6	3018.4	3025.5	3038.2	3050.9	3059.4	3079.1	3098.9
47.5°	3196.3	3177.9	3170.9	3159.6	3162.4	3177.9	3180.8	3201.9	3218.9	3237.2	3261.2
50°	3470.2	3420.8	3391.1	3361.5	3358.7	3367.1	3378.4	3401.0	3420.8	3444.8	3478.7
52.5°	3930.4	3835.8	3776.5	3694.7	3672.1	3667.8	3659.4	3672.1	3677.7	3710.2	3773.7
55°	4862.2	4687.2	4574.2	4447.1	4328.6	4293.3	4225.5	4239.6	4225.5	4245.3	4339.9
57.5°	6807.7	6667.9	6557.8	6395.4	6192.1	5976.1	5922.5	5700.8	5744.6	5871.6	5789.8
60°	9632.7	9581.8	9502.8	9425.1	9147.0	8990.3	8734.8	8706.5	8527.2	8528.6	8411.5
62.5°	11213.9	11278.8	11230.8	11208.2	11192.7	11143.3	11016.2	10863.7	10635.0	10469.9	10227.0
65°	11665.6	11610.6	11558.3	11551.3	11547.1	11627.5	11645.9	11538.6	11331.0	11074.1	10794.6
67.5°	11139.0	11108.0	11110.8	11051.5	11088.2	11228.0	11325.4	11295.8	11105.2	10794.6	10438.8
70°	9885.4	9824.7	9886.8	9964.4	10019.5	10100.0	10197.4	10221.4	10047.7	9728.7	9365.8
72.5°	7402.0	7411.9	7471.2	7492.4	7714.0	7691.4	7779.0	7493.8	7368.1	7064.6	6878.3
75°	3895.1	3831.6	3996.8	3646.7	3502.7	3602.9	3321.9	3052.3	3108.8	3155.4	2819.4
77.5°	1376.5	1287.6	1136.5	1075.8	895.1	758.1	619.8	559.1	526.6	509.7	488.5
80°	988.3	1016.5	985.4	912.0	775.1	621.2	489.9	386.8	331.8	302.1	282.4
82.5°	999.5	1111.1	1160.5	1139.3	1015.1	768.0	506.8	323.3	240.0	200.5	186.4
85°	536.5	587.3	564.7	475.8	427.8	255.5	175.1	117.2	98.8	90.4	83.3
87.5°	21.2	16.9	14.1	14.1	15.5	16.9	14.1	15.5	14.1	14.1	14.1
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: P154576

CATALOG NUMBER: TLM-F05-LED-E1-T2-7050

CANDELA DISTRIBUTION (continued):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1297.4	1297.4	1297.4	1297.4	1297.4	1297.4	1297.4	1297.4	1297.4	1297.4	1297.4
2.5°	1301.7	1301.7	1301.7	1300.3	1297.4	1290.4	1283.3	1277.7	1273.4	1269.2	1263.6
5°	1327.1	1324.3	1324.3	1324.3	1313.0	1301.7	1291.8	1281.9	1273.4	1266.4	1260.7
7.5°	1369.4	1368.0	1362.4	1361.0	1352.5	1334.1	1322.8	1305.9	1296.0	1286.1	1283.3
10°	1420.3	1418.9	1417.4	1416.0	1404.7	1386.4	1372.3	1356.7	1342.6	1328.5	1314.4
12.5°	1479.6	1478.1	1476.7	1472.5	1468.3	1458.4	1442.9	1425.9	1409.0	1379.3	1363.8
15°	1553.0	1555.8	1553.0	1551.6	1548.7	1550.1	1540.3	1516.3	1489.4	1451.3	1418.9
17.5°	1650.4	1647.6	1646.2	1651.8	1650.4	1657.4	1654.6	1623.6	1582.6	1521.9	1465.4
20°	1757.7	1757.7	1763.3	1767.6	1780.3	1798.6	1790.2	1752.0	1677.2	1592.5	1519.1
22.5°	1886.2	1889.0	1894.6	1891.8	1911.6	1941.2	1944.0	1890.4	1793.0	1675.8	1572.7
25°	2020.3	2023.1	2017.5	2025.9	2058.4	2100.7	2109.2	2033.0	1904.5	1752.0	1617.9
27.5°	2147.3	2150.2	2150.2	2161.5	2192.5	2264.5	2273.0	2188.3	2017.5	1818.4	1650.4
30°	2271.6	2282.9	2285.7	2288.5	2335.1	2435.3	2453.7	2330.9	2116.3	1867.8	1673.0
32.5°	2428.3	2432.5	2438.2	2445.2	2498.9	2621.7	2621.7	2453.7	2179.8	1898.9	1677.2
35°	2596.3	2597.7	2610.4	2611.8	2688.1	2810.9	2786.9	2555.3	2225.0	1891.8	1646.2
37.5°	2697.9	2703.6	2716.3	2733.2	2813.7	2987.4	2932.3	2642.9	2233.5	1845.2	1575.6
40°	2823.6	2834.9	2847.6	2864.5	2984.5	3166.7	3055.1	2697.9	2198.2	1753.4	1469.7
42.5°	2959.1	2974.6	2994.4	3025.5	3168.1	3324.8	3148.3	2706.4	2117.7	1650.4	1344.0
45°	3111.6	3139.8	3162.4	3199.1	3360.1	3461.7	3204.8	2657.0	2016.0	1514.9	1209.9
47.5°	3288.1	3310.7	3350.2	3389.7	3550.7	3554.9	3210.4	2561.0	1877.7	1379.3	1067.3
50°	3505.5	3519.6	3578.9	3602.9	3754.0	3652.3	3169.5	2431.1	1732.3	1226.8	909.2
52.5°	3794.9	3814.7	3890.9	3927.6	4034.9	3785.0	3111.6	2289.9	1565.7	1056.0	746.8
55°	4366.7	4452.8	4506.4	4570.0	4639.2	4085.7	3086.2	2138.9	1377.9	858.4	591.5
57.5°	5971.9	5943.6	6062.2	6206.2	6204.8	4773.3	3238.7	2009.0	1156.3	656.5	454.6
60°	8363.5	8390.3	8329.6	8415.7	8141.8	5626.0	3447.6	1872.0	906.4	488.5	347.3
62.5°	10140.9	9985.6	9899.5	9797.8	9195.0	5719.2	3295.1	1591.1	659.3	343.1	266.8
65°	10561.6	10379.5	10194.6	10001.1	9091.9	5155.9	2703.6	1167.6	426.4	235.8	211.8
67.5°	10146.6	9854.3	9618.5	9419.5	8331.0	4273.5	1976.5	717.2	244.2	190.6	180.7
70°	9070.8	8747.5	8366.3	8143.2	7015.2	3149.7	1266.4	386.8	187.8	169.4	165.2
72.5°	6639.7	6374.2	5957.8	5702.2	5037.3	1914.4	707.3	217.4	175.1	162.4	156.7
75°	2586.4	2448.0	2274.4	2288.5	2042.9	847.1	320.5	187.8	170.8	159.5	153.9
77.5°	444.7	433.4	400.9	400.9	456.0	309.2	213.2	189.2	169.4	156.7	146.8
80°	266.8	261.2	248.5	245.7	237.2	217.4	204.7	192.0	166.6	148.2	135.5
82.5°	175.1	168.0	163.8	162.4	176.5	190.6	192.0	190.6	158.1	128.5	110.1
85°	74.8	74.8	74.8	76.2	101.6	153.9	158.1	169.4	129.9	100.2	79.1
87.5°	12.7	15.5	15.5	16.9	18.4	33.9	42.4	55.1	43.8	42.4	38.1
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: P154576

CATALOG NUMBER: TLM-F05-LED-E1-T2-7050

CANDELA DISTRIBUTION (continued):

	165°	175°	180°
0°	1297.4	1297.4	1297.4
2.5°	1262.1	1259.3	1259.3
5°	1257.9	1255.1	1256.5
7.5°	1274.8	1269.2	1270.6
10°	1305.9	1300.3	1297.4
12.5°	1345.4	1338.4	1338.4
15°	1386.4	1369.4	1368.0
17.5°	1420.3	1399.1	1396.3
20°	1458.4	1430.1	1425.9
22.5°	1493.7	1455.6	1449.9
25°	1519.1	1472.5	1465.4
27.5°	1530.4	1475.3	1469.7
30°	1538.9	1476.7	1468.3
32.5°	1530.4	1464.0	1457.0
35°	1483.8	1411.8	1407.6
37.5°	1403.3	1322.8	1317.2
40°	1297.4	1212.7	1198.6
42.5°	1161.9	1082.8	1067.3
45°	1030.6	940.3	933.2
47.5°	889.4	803.3	807.5
50°	741.2	663.5	662.1
52.5°	600.0	532.2	528.0
55°	473.0	424.9	420.7
57.5°	374.1	348.7	344.5
60°	304.9	292.2	288.0
62.5°	245.7	241.4	240.0
65°	204.7	204.7	204.7
67.5°	177.9	179.3	179.3
70°	163.8	165.2	163.8
72.5°	158.1	162.4	162.4
75°	153.9	156.7	151.1
77.5°	151.1	152.5	142.6
80°	149.7	148.2	129.9
82.5°	129.9	125.6	110.1
85°	118.6	90.4	76.2
87.5°	60.7	42.4	32.5
90°	0.0	0.0	0.0

(END OF REPORT)