

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: P151267

Luminaire Tested: **TLM-F06-LED-E1-SL3-7060**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P151267
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33679)
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-SL3-7060
Description: TALON MEDIUM LED SITE LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (42) 5700K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15431.2 lumens
Efficiency: N/A
Efficacy: 98.6 lumens/watt
Spacing Criteria (0/90/45): 1.44 / 3.92 / 2.51
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
CIE Type: Direct

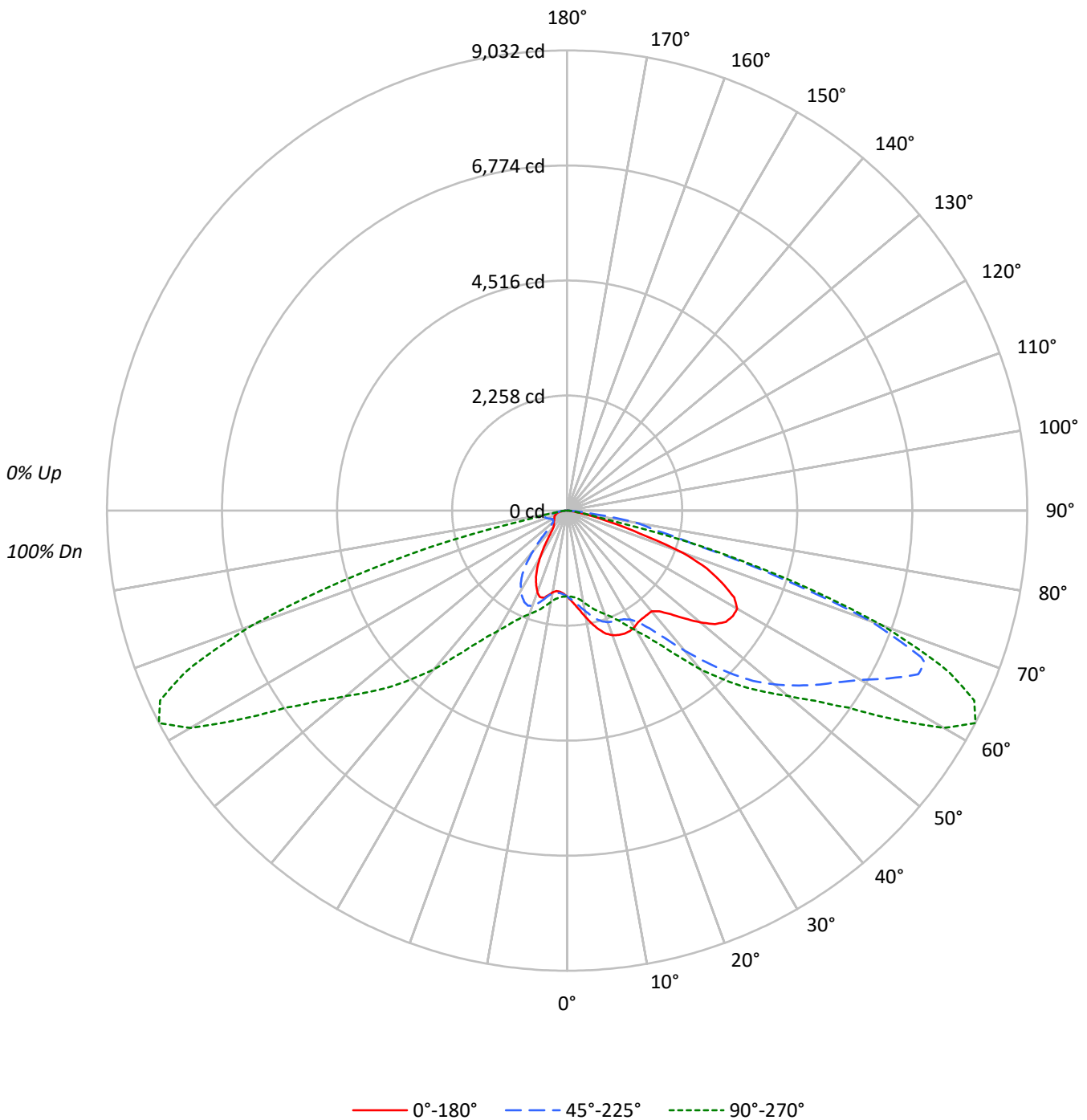
Input Watts (W): 156.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P151267

CATALOG NUMBER: TLM-F06-LED-E1-SL3-7060

Luminous Intensity Polar Plot





TEST NUMBER: P151267

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|-----|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|---|
| RF | 20 | | | | | | | | | 20 | | | | | | | | | 20 | | | | | | | | | 20 | | | | | | | | | |
| RC | 80 | | | | | | | | | 70 | | | | | | | | | 30 | | | | | | | | | 10 | | | | | | | | | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 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 | 89 | 103 | 97 | 92 | 88 | 93 | 89 | 85 | 89 | 85 | 82 | 85 | 82 | 80 | 77 | | | 77 | | | | | | | | | | | | | | | | |
| 2 | 93 | 82 | 74 | 66 | 90 | 80 | 72 | 65 | 77 | 70 | 64 | 73 | 67 | 62 | 70 | 65 | 61 | 58 | | | 58 | | | | | | | | | | | | | | | | |
| 3 | 82 | 69 | 59 | 50 | 79 | 67 | 58 | 50 | 64 | 56 | 49 | 61 | 54 | 48 | 58 | 52 | 47 | 44 | | | 44 | | | | | | | | | | | | | | | | |
| 4 | 73 | 59 | 48 | 39 | 71 | 57 | 47 | 39 | 54 | 46 | 38 | 52 | 44 | 38 | 49 | 43 | 37 | 35 | | | 35 | | | | | | | | | | | | | | | | |
| 5 | 66 | 51 | 40 | 32 | 64 | 49 | 39 | 31 | 47 | 38 | 31 | 45 | 37 | 31 | 43 | 36 | 30 | 28 | | | 28 | | | | | | | | | | | | | | | | |
| 6 | 60 | 44 | 34 | 26 | 58 | 43 | 33 | 26 | 41 | 32 | 26 | 39 | 31 | 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 | 35 | 25 | 19 | 33 | 25 | 18 | 32 | 24 | 18 | 30 | 23 | 18 | 16 | | | 16 | | | | | | | | | | | | | | | | |
| 9 | 47 | 32 | 23 | 16 | 46 | 31 | 22 | 16 | 30 | 22 | 16 | 29 | 21 | 16 | 28 | 21 | 16 | 14 | | | 14 | | | | | | | | | | | | | | | | |
| 10 | 44 | 29 | 20 | 14 | 43 | 29 | 20 | 14 | 28 | 20 | 14 | 27 | 19 | 14 | 26 | 19 | 14 | 12 | | | 12 | | | | | | | | | | | | | | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° |
|-----|-------|--------|-------|
| 0° | 18145 | 18145 | 18145 |
| 5° | 20155 | 18488 | 17280 |
| 10° | 23294 | 19850 | 17814 |
| 15° | 26941 | 22258 | 19767 |
| 20° | 29807 | 24781 | 19561 |
| 25° | 31630 | 28250 | 17143 |
| 30° | 32828 | 33923 | 13077 |
| 35° | 33927 | 42497 | 7970 |
| 40° | 36231 | 57085 | 5809 |
| 45° | 43765 | 74401 | 5596 |
| 50° | 57165 | 94755 | 5645 |
| 55° | 71408 | 126631 | 5849 |
| 60° | 82973 | 183598 | 6237 |
| 65° | 85349 | 224593 | 6948 |
| 70° | 75979 | 206712 | 7679 |
| 75° | 36498 | 116818 | 8950 |
| 80° | 12602 | 16172 | 9137 |
| 85° | 5644 | 10041 | 9201 |



TEST NUMBER: P151267

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 167.8 | 1.1 |
| 10°-20° | 575.5 | 3.7 |
| 20°-30° | 1016.1 | 6.6 |
| 30°-40° | 1458.5 | 9.5 |
| 40°-50° | 2215.2 | 14.4 |
| 50°-60° | 3261.5 | 21.1 |
| 60°-70° | 4334.4 | 28.1 |
| 70°-80° | 2120.5 | 13.7 |
| 80°-90° | 281.6 | 1.8 |
| 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° | 1759.4 | 11.4 |
| 0°-40° | 3218.0 | 20.9 |
| 0°-60° | 8694.7 | 56.3 |
| 0°-90° | 15431.2 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 15431.2 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 45° | 90° | 135° | 180° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 1686 | 1686 | 1686 | 1686 | 1686 | |
| 5° | 1865 | 1813 | 1711 | 1626 | 1599 | 186 |
| 15° | 2418 | 2201 | 1997 | 1809 | 1774 | 687 |
| 25° | 2663 | 2374 | 2379 | 1984 | 1443 | 1227 |
| 35° | 2582 | 2821 | 3234 | 1530 | 606 | 1628 |
| 45° | 2875 | 4508 | 4888 | 551 | 368 | 2272 |
| 55° | 3805 | 5963 | 6748 | 334 | 312 | 3358 |
| 65° | 3351 | 7605 | 8818 | 373 | 273 | 3254 |
| 75° | 878 | 2616 | 2809 | 432 | 215 | 1093 |
| 85° | 46 | 144 | 81 | 103 | 74 | 68 |
| 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° | 1685.7 | 1685.7 | 1685.7 | 1685.7 | 1685.7 | 1685.7 | 1685.7 | 1685.7 | 1685.7 | 1685.7 | 1685.7 |
| 2.5° | 1765.3 | 1767.0 | 1763.6 | 1761.9 | 1751.8 | 1741.6 | 1734.8 | 1726.3 | 1726.3 | 1726.3 | 1723.0 |
| 5° | 1865.3 | 1858.5 | 1863.6 | 1851.7 | 1831.4 | 1812.7 | 1794.1 | 1778.9 | 1775.5 | 1775.5 | 1768.7 |
| 7.5° | 1985.5 | 1977.1 | 1973.7 | 1956.7 | 1926.2 | 1899.1 | 1861.9 | 1846.6 | 1838.2 | 1834.8 | 1831.4 |
| 10° | 2131.2 | 2131.2 | 2109.2 | 2080.4 | 2039.8 | 1992.3 | 1951.7 | 1924.6 | 1922.9 | 1922.9 | 1907.6 |
| 12.5° | 2280.3 | 2283.7 | 2254.9 | 2226.1 | 2160.0 | 2097.4 | 2049.9 | 2019.4 | 2017.7 | 2011.0 | 2002.5 |
| 15° | 2417.6 | 2409.1 | 2390.4 | 2348.1 | 2275.2 | 2200.7 | 2141.4 | 2110.9 | 2104.1 | 2097.4 | 2092.3 |
| 17.5° | 2531.1 | 2522.6 | 2498.9 | 2444.7 | 2368.4 | 2280.3 | 2207.5 | 2175.3 | 2171.9 | 2168.5 | 2161.7 |
| 20° | 2602.2 | 2595.4 | 2561.6 | 2498.9 | 2419.2 | 2329.5 | 2251.5 | 2229.5 | 2222.7 | 2222.7 | 2219.3 |
| 22.5° | 2642.9 | 2632.7 | 2583.6 | 2500.6 | 2422.6 | 2356.6 | 2292.2 | 2278.6 | 2273.6 | 2275.2 | 2275.2 |
| 25° | 2663.2 | 2654.7 | 2585.3 | 2466.7 | 2392.1 | 2373.5 | 2346.4 | 2337.9 | 2339.6 | 2341.3 | 2344.7 |
| 27.5° | 2666.6 | 2654.7 | 2573.4 | 2422.6 | 2353.2 | 2405.7 | 2424.3 | 2437.9 | 2437.9 | 2444.7 | 2456.5 |
| 30° | 2641.2 | 2627.6 | 2549.7 | 2388.8 | 2336.2 | 2470.1 | 2544.6 | 2580.2 | 2593.7 | 2590.4 | 2617.5 |
| 32.5° | 2597.1 | 2588.7 | 2526.0 | 2388.8 | 2383.7 | 2597.1 | 2729.3 | 2780.1 | 2786.9 | 2790.3 | 2820.8 |
| 35° | 2581.9 | 2580.2 | 2553.1 | 2470.1 | 2531.1 | 2820.8 | 3022.4 | 3061.3 | 3069.8 | 3069.8 | 3091.8 |
| 37.5° | 2578.5 | 2587.0 | 2617.5 | 2622.5 | 2790.3 | 3152.8 | 3417.1 | 3476.4 | 3476.4 | 3493.3 | 3493.3 |
| 40° | 2578.5 | 2597.1 | 2712.3 | 2849.6 | 3107.1 | 3584.8 | 3950.8 | 4018.5 | 4018.5 | 4037.2 | 4027.0 |
| 42.5° | 2678.5 | 2705.6 | 2895.3 | 3156.2 | 3506.9 | 4030.4 | 4450.5 | 4526.8 | 4531.9 | 4526.8 | 4542.0 |
| 45° | 2875.0 | 2898.7 | 3129.1 | 3503.5 | 3918.6 | 4508.1 | 4928.3 | 5019.8 | 5001.1 | 5013.0 | 5018.1 |
| 47.5° | 3135.9 | 3173.1 | 3435.7 | 3883.0 | 4320.1 | 4950.3 | 5463.6 | 5546.7 | 5539.9 | 5545.0 | 5522.9 |
| 50° | 3413.7 | 3452.7 | 3745.8 | 4259.1 | 4719.9 | 5306.1 | 5894.0 | 6017.6 | 6005.8 | 6014.2 | 6026.1 |
| 52.5° | 3659.4 | 3683.1 | 3966.0 | 4542.0 | 5023.2 | 5638.1 | 6224.3 | 6378.5 | 6405.6 | 6409.0 | 6417.4 |
| 55° | 3805.1 | 3833.9 | 4093.1 | 4682.6 | 5243.4 | 5963.4 | 6602.1 | 6835.9 | 6888.4 | 6902.0 | 6939.2 |
| 57.5° | 3855.9 | 3886.4 | 4121.9 | 4703.0 | 5363.7 | 6268.4 | 7129.0 | 7540.7 | 7584.7 | 7657.6 | 7776.2 |
| 60° | 3854.2 | 3886.4 | 4091.4 | 4657.2 | 5485.7 | 6646.2 | 7949.0 | 8638.5 | 8862.1 | 8936.6 | 9106.1 |
| 62.5° | 3696.6 | 3733.9 | 3942.3 | 4518.3 | 5641.5 | 7129.0 | 9168.7 | 10229.3 | 10517.3 | 10652.8 | 10835.8 |
| 65° | 3351.0 | 3378.1 | 3573.0 | 4165.9 | 5597.5 | 7605.0 | 10188.6 | 11511.8 | 11774.4 | 11972.6 | 12299.5 |
| 67° | 3044.4 | 3061.3 | 3213.8 | 3749.2 | 5167.2 | 7622.0 | 10510.5 | 11830.3 | 12059.0 | 12269.0 | 12606.2 |
| 67.5° | 2966.5 | 3002.0 | 3120.6 | 3622.1 | 5006.2 | 7525.4 | 10488.5 | 11781.1 | 12014.9 | 12233.5 | 12589.2 |
| 70° | 2414.2 | 2465.0 | 2524.3 | 2861.4 | 3935.5 | 6331.0 | 9710.9 | 10930.7 | 11135.7 | 11339.0 | 11835.3 |
| 72.5° | 1489.2 | 1580.6 | 1592.5 | 1806.0 | 2561.6 | 4376.0 | 7857.5 | 9217.9 | 9372.0 | 9517.7 | 10026.0 |
| 75° | 877.6 | 891.1 | 933.5 | 1106.3 | 1502.7 | 2615.8 | 5272.2 | 6847.8 | 6990.1 | 7061.2 | 7459.3 |
| 77.5° | 489.6 | 503.2 | 538.7 | 687.8 | 1155.4 | 1761.9 | 3069.8 | 4023.6 | 4110.0 | 4199.8 | 4135.4 |
| 80° | 203.3 | 221.9 | 238.9 | 277.8 | 540.4 | 1390.9 | 2110.9 | 2558.2 | 2614.1 | 2666.6 | 2732.7 |
| 82.5° | 98.3 | 105.0 | 128.8 | 147.4 | 196.5 | 570.9 | 1655.2 | 2217.6 | 2283.7 | 2360.0 | 2514.1 |
| 85° | 45.7 | 50.8 | 71.2 | 84.7 | 94.9 | 144.0 | 554.0 | 1079.2 | 1170.7 | 1187.6 | 1218.1 |
| 87.5° | 3.4 | 3.4 | 8.5 | 11.9 | 16.9 | 18.6 | 57.6 | 81.3 | 91.5 | 83.0 | 105.0 |
| 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° | 1685.7 | 1685.7 | 1685.7 | 1685.7 | 1685.7 | 1685.7 | 1685.7 | 1685.7 | 1685.7 | 1685.7 | 1685.7 |
| 2.5° | 1721.3 | 1719.6 | 1716.2 | 1716.2 | 1714.5 | 1714.5 | 1714.5 | 1711.1 | 1711.1 | 1711.1 | 1709.4 |
| 5° | 1767.0 | 1765.3 | 1760.2 | 1760.2 | 1756.8 | 1756.8 | 1751.8 | 1750.1 | 1746.7 | 1746.7 | 1745.0 |
| 7.5° | 1826.3 | 1824.6 | 1817.8 | 1817.8 | 1812.7 | 1811.0 | 1807.7 | 1802.6 | 1802.6 | 1799.2 | 1795.8 |
| 10° | 1907.6 | 1902.5 | 1900.8 | 1892.4 | 1894.1 | 1890.7 | 1887.3 | 1882.2 | 1878.8 | 1875.4 | 1872.0 |
| 12.5° | 1999.1 | 1999.1 | 1990.6 | 1985.5 | 1988.9 | 1985.5 | 1978.8 | 1977.1 | 1972.0 | 1972.0 | 1966.9 |
| 15° | 2085.5 | 2085.5 | 2082.1 | 2075.3 | 2077.0 | 2071.9 | 2070.3 | 2066.9 | 2060.1 | 2061.8 | 2060.1 |
| 17.5° | 2160.0 | 2160.0 | 2155.0 | 2151.6 | 2151.6 | 2146.5 | 2148.2 | 2144.8 | 2141.4 | 2139.7 | 2134.6 |
| 20° | 2219.3 | 2219.3 | 2215.9 | 2212.6 | 2214.3 | 2214.3 | 2209.2 | 2209.2 | 2209.2 | 2205.8 | 2205.8 |
| 22.5° | 2276.9 | 2278.6 | 2278.6 | 2278.6 | 2280.3 | 2282.0 | 2280.3 | 2283.7 | 2282.0 | 2285.4 | 2285.4 |
| 25° | 2353.2 | 2358.3 | 2361.6 | 2361.6 | 2370.1 | 2371.8 | 2373.5 | 2378.6 | 2378.6 | 2383.7 | 2385.4 |
| 27.5° | 2466.7 | 2470.1 | 2483.6 | 2487.0 | 2488.7 | 2502.3 | 2504.0 | 2510.7 | 2517.5 | 2519.2 | 2520.9 |
| 30° | 2622.5 | 2631.0 | 2641.2 | 2648.0 | 2648.0 | 2664.9 | 2671.7 | 2668.3 | 2686.9 | 2692.0 | 2698.8 |
| 32.5° | 2830.9 | 2837.7 | 2847.9 | 2854.6 | 2861.4 | 2869.9 | 2871.6 | 2880.1 | 2895.3 | 2908.9 | 2900.4 |
| 35° | 3093.5 | 3110.5 | 3093.5 | 3112.2 | 3117.2 | 3129.1 | 3125.7 | 3135.9 | 3142.7 | 3147.7 | 3146.0 |
| 37.5° | 3474.7 | 3466.2 | 3462.8 | 3456.1 | 3444.2 | 3484.9 | 3464.5 | 3462.8 | 3452.7 | 3481.5 | 3462.8 |
| 40° | 3976.2 | 3981.3 | 3986.3 | 3959.2 | 3944.0 | 3944.0 | 3938.9 | 3920.3 | 3911.8 | 3937.2 | 3933.8 |
| 42.5° | 4499.7 | 4504.7 | 4481.0 | 4464.1 | 4425.1 | 4420.0 | 4396.3 | 4391.2 | 4382.8 | 4396.3 | 4382.8 |
| 45° | 4975.7 | 4979.1 | 4926.6 | 4935.1 | 4904.6 | 4909.7 | 4872.4 | 4887.6 | 4867.3 | 4880.8 | 4906.3 |
| 47.5° | 5507.7 | 5514.5 | 5468.7 | 5487.4 | 5456.9 | 5438.2 | 5436.5 | 5446.7 | 5424.7 | 5438.2 | 5445.0 |
| 50° | 5990.5 | 5982.0 | 5958.3 | 5963.4 | 5949.9 | 5953.2 | 5932.9 | 5951.6 | 5926.1 | 5953.2 | 5949.9 |
| 52.5° | 6419.1 | 6409.0 | 6403.9 | 6420.8 | 6409.0 | 6409.0 | 6397.1 | 6405.6 | 6409.0 | 6449.6 | 6458.1 |
| 55° | 6939.2 | 6947.7 | 6956.2 | 6986.7 | 7000.2 | 6978.2 | 7000.2 | 7042.6 | 7044.3 | 7140.8 | 7193.4 |
| 57.5° | 7774.5 | 7833.8 | 7864.3 | 7882.9 | 7962.5 | 7954.0 | 8004.9 | 8106.5 | 8116.7 | 8340.3 | 8470.8 |
| 60° | 9231.4 | 9336.5 | 9436.4 | 9382.2 | 9543.2 | 9592.3 | 9622.8 | 9812.5 | 9871.8 | 10083.6 | 10197.1 |
| 62.5° | 11071.3 | 11083.1 | 11239.0 | 11189.9 | 11281.4 | 11259.3 | 11296.6 | 11383.0 | 11460.9 | 11635.4 | 11742.2 |
| 65° | 12355.4 | 12411.4 | 12472.3 | 12409.7 | 12408.0 | 12333.4 | 12286.0 | 12284.3 | 12331.7 | 12369.0 | 12487.6 |
| 67° | 12704.4 | 12760.3 | 12775.6 | 12729.9 | 12663.8 | 12568.9 | 12480.8 | 12435.1 | 12404.6 | 12421.5 | 12496.1 |
| 67.5° | 12701.1 | 12753.6 | 12772.2 | 12728.2 | 12636.7 | 12557.0 | 12463.9 | 12411.4 | 12370.7 | 12379.2 | 12441.8 |
| 70° | 11979.3 | 12092.9 | 12153.8 | 12167.4 | 12155.5 | 12016.6 | 11937.0 | 11889.6 | 11855.7 | 11772.7 | 11767.6 |
| 72.5° | 10149.7 | 10286.9 | 10334.3 | 10410.6 | 10444.4 | 10239.5 | 10153.0 | 10205.6 | 10087.0 | 9824.4 | 9836.2 |
| 75° | 7452.6 | 7462.7 | 7303.5 | 7273.0 | 7159.5 | 6695.3 | 6556.4 | 6429.3 | 6226.0 | 5909.2 | 5611.0 |
| 77.5° | 3884.7 | 3883.0 | 3700.0 | 3606.8 | 3471.3 | 3191.8 | 3178.2 | 2951.2 | 2792.0 | 2502.3 | 2397.2 |
| 80° | 2759.8 | 2803.8 | 2864.8 | 2895.3 | 2847.9 | 2739.4 | 2590.4 | 2429.4 | 2244.8 | 2063.5 | 1846.6 |
| 82.5° | 2566.6 | 2593.7 | 2625.9 | 2507.3 | 2441.3 | 2288.8 | 2175.3 | 1941.5 | 1811.0 | 1604.4 | 1385.8 |
| 85° | 1248.6 | 1331.6 | 1267.2 | 1192.7 | 1167.3 | 913.1 | 882.7 | 737.0 | 669.2 | 550.6 | 513.3 |
| 87.5° | 79.6 | 98.3 | 88.1 | 79.6 | 69.5 | 39.0 | 52.5 | 37.3 | 39.0 | 28.8 | 25.4 |
| 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: P151267

CATALOG NUMBER: TLM-F06-LED-E1-SL3-7060

CANDELA DISTRIBUTION (continued):

| | 76° | 77° | 78° | 79° | 80° | 81° | 82° | 83° | 84° | 85° | 86° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 1685.7 | 1685.7 | 1685.7 | 1685.7 | 1685.7 | 1685.7 | 1685.7 | 1685.7 | 1685.7 | 1685.7 | 1685.7 |
| 2.5° | 1709.4 | 1707.7 | 1706.0 | 1704.3 | 1702.6 | 1702.6 | 1700.9 | 1699.2 | 1697.5 | 1694.2 | 1694.2 |
| 5° | 1741.6 | 1741.6 | 1739.9 | 1736.5 | 1736.5 | 1733.1 | 1728.0 | 1726.3 | 1726.3 | 1723.0 | 1719.6 |
| 7.5° | 1794.1 | 1792.4 | 1789.0 | 1787.3 | 1783.9 | 1780.6 | 1777.2 | 1773.8 | 1772.1 | 1767.0 | 1765.3 |
| 10° | 1873.7 | 1870.3 | 1861.9 | 1858.5 | 1856.8 | 1853.4 | 1850.0 | 1846.6 | 1841.5 | 1838.2 | 1836.5 |
| 12.5° | 1963.5 | 1961.8 | 1955.1 | 1958.4 | 1950.0 | 1946.6 | 1943.2 | 1934.7 | 1938.1 | 1931.3 | 1927.9 |
| 15° | 2053.3 | 2055.0 | 2051.6 | 2051.6 | 2044.8 | 2039.8 | 2036.4 | 2029.6 | 2027.9 | 2024.5 | 2021.1 |
| 17.5° | 2132.9 | 2136.3 | 2131.2 | 2127.9 | 2124.5 | 2121.1 | 2114.3 | 2107.5 | 2107.5 | 2100.7 | 2097.4 |
| 20° | 2205.8 | 2209.2 | 2207.5 | 2204.1 | 2199.0 | 2197.3 | 2193.9 | 2188.8 | 2188.8 | 2185.5 | 2180.4 |
| 22.5° | 2288.8 | 2290.5 | 2290.5 | 2288.8 | 2283.7 | 2285.4 | 2282.0 | 2276.9 | 2278.6 | 2271.9 | 2271.9 |
| 25° | 2388.8 | 2392.1 | 2395.5 | 2397.2 | 2393.8 | 2395.5 | 2392.1 | 2388.8 | 2387.1 | 2388.8 | 2387.1 |
| 27.5° | 2526.0 | 2529.4 | 2539.5 | 2531.1 | 2539.5 | 2541.2 | 2536.1 | 2529.4 | 2534.5 | 2542.9 | 2537.8 |
| 30° | 2707.3 | 2703.9 | 2717.4 | 2719.1 | 2717.4 | 2719.1 | 2715.7 | 2710.6 | 2714.0 | 2729.3 | 2720.8 |
| 32.5° | 2910.6 | 2917.3 | 2920.7 | 2924.1 | 2929.2 | 2936.0 | 2930.9 | 2925.8 | 2934.3 | 2929.2 | 2941.0 |
| 35° | 3156.2 | 3171.5 | 3176.5 | 3171.5 | 3174.8 | 3186.7 | 3185.0 | 3186.7 | 3203.6 | 3186.7 | 3208.7 |
| 37.5° | 3466.2 | 3481.5 | 3493.3 | 3486.6 | 3495.0 | 3495.0 | 3508.6 | 3545.9 | 3522.1 | 3552.6 | 3576.4 |
| 40° | 3916.9 | 3940.6 | 3942.3 | 3940.6 | 3949.1 | 3959.2 | 3972.8 | 4013.4 | 3986.3 | 4018.5 | 4040.6 |
| 42.5° | 4381.1 | 4409.9 | 4420.0 | 4403.1 | 4421.7 | 4443.8 | 4445.5 | 4481.0 | 4482.7 | 4487.8 | 4499.7 |
| 45° | 4904.6 | 4930.0 | 4950.3 | 4941.8 | 4943.5 | 4972.3 | 4965.6 | 4999.4 | 4974.0 | 4974.0 | 4980.8 |
| 47.5° | 5461.9 | 5485.7 | 5499.2 | 5512.8 | 5495.8 | 5521.2 | 5533.1 | 5526.3 | 5495.8 | 5489.1 | 5448.4 |
| 50° | 5970.2 | 5990.5 | 6010.8 | 6048.1 | 6046.4 | 6058.3 | 6066.8 | 6036.3 | 6029.5 | 5992.2 | 5946.5 |
| 52.5° | 6508.9 | 6561.4 | 6607.2 | 6685.1 | 6697.0 | 6737.6 | 6722.4 | 6671.6 | 6663.1 | 6602.1 | 6541.1 |
| 55° | 7259.4 | 7410.2 | 7476.3 | 7596.6 | 7677.9 | 7676.2 | 7642.3 | 7633.8 | 7569.5 | 7447.5 | 7374.6 |
| 57.5° | 8565.6 | 8801.1 | 8914.6 | 9070.5 | 9095.9 | 9080.7 | 9036.6 | 8958.7 | 8846.9 | 8641.9 | 8509.7 |
| 60° | 10451.2 | 10596.9 | 10729.1 | 10766.3 | 10785.0 | 10756.2 | 10602.0 | 10429.2 | 10210.6 | 9927.7 | 9692.2 |
| 62.5° | 11876.0 | 12025.1 | 12123.3 | 12108.1 | 11991.2 | 11843.8 | 11618.5 | 11328.8 | 11022.1 | 10705.3 | 10353.0 |
| 65° | 12601.1 | 12663.8 | 12648.5 | 12529.9 | 12330.0 | 12072.5 | 11743.9 | 11386.4 | 11025.5 | 10651.1 | 10285.2 |
| 67° | 12562.1 | 12563.8 | 12460.5 | 12230.1 | 11974.3 | 11650.7 | 11249.2 | 10859.5 | 10436.0 | 10042.9 | 9607.5 |
| 67.5° | 12492.7 | 12485.9 | 12341.9 | 12089.5 | 11813.3 | 11479.6 | 11062.8 | 10659.6 | 10220.8 | 9824.4 | 9373.7 |
| 70° | 11706.6 | 11611.7 | 11286.4 | 10883.2 | 10498.7 | 10048.0 | 9610.9 | 9148.4 | 8653.7 | 8313.2 | 7794.8 |
| 72.5° | 9619.4 | 9299.2 | 8738.4 | 8316.6 | 7904.9 | 7315.3 | 7042.6 | 6468.3 | 6121.0 | 5904.1 | 5512.8 |
| 75° | 5570.4 | 5302.7 | 4869.0 | 4474.3 | 4274.3 | 3925.3 | 3759.3 | 3337.5 | 3249.4 | 3246.0 | 3110.5 |
| 77.5° | 2126.2 | 1855.1 | 1575.6 | 1268.9 | 1079.2 | 857.2 | 755.6 | 676.0 | 615.0 | 657.3 | 596.3 |
| 80° | 1594.2 | 1311.3 | 1025.0 | 745.4 | 532.0 | 393.0 | 337.1 | 311.7 | 296.5 | 284.6 | 276.1 |
| 82.5° | 1187.6 | 936.9 | 726.8 | 474.4 | 332.1 | 250.7 | 216.9 | 203.3 | 196.5 | 184.7 | 174.5 |
| 85° | 401.5 | 321.9 | 254.1 | 176.2 | 138.9 | 113.5 | 105.0 | 101.6 | 96.6 | 88.1 | 83.0 |
| 87.5° | 22.0 | 20.3 | 22.0 | 16.9 | 20.3 | 16.9 | 18.6 | 18.6 | 18.6 | 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: P151267

CATALOG NUMBER: TLM-F06-LED-E1-SL3-7060

CANDELA DISTRIBUTION (continued):

| | 87° | 88° | 89° | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° |
|-------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1685.7 | 1685.7 | 1685.7 | 1685.7 | 1685.7 | 1685.7 | 1685.7 | 1685.7 | 1685.7 | 1685.7 | 1685.7 |
| 2.5° | 1692.5 | 1692.5 | 1692.5 | 1689.1 | 1684.0 | 1673.8 | 1663.7 | 1655.2 | 1646.7 | 1641.6 | 1638.2 |
| 5° | 1717.9 | 1714.5 | 1712.8 | 1711.1 | 1699.2 | 1678.9 | 1660.3 | 1643.3 | 1626.4 | 1612.8 | 1607.7 |
| 7.5° | 1763.6 | 1756.8 | 1755.1 | 1750.1 | 1734.8 | 1704.3 | 1677.2 | 1650.1 | 1626.4 | 1607.7 | 1599.3 |
| 10° | 1833.1 | 1833.1 | 1822.9 | 1816.1 | 1799.2 | 1758.5 | 1719.6 | 1684.0 | 1651.8 | 1631.5 | 1626.4 |
| 12.5° | 1921.2 | 1921.2 | 1912.7 | 1907.6 | 1887.3 | 1834.8 | 1787.3 | 1745.0 | 1714.5 | 1694.2 | 1692.5 |
| 15° | 2012.7 | 2011.0 | 2004.2 | 1997.4 | 1975.4 | 1919.5 | 1872.0 | 1834.8 | 1809.4 | 1785.6 | 1778.9 |
| 17.5° | 2094.0 | 2094.0 | 2085.5 | 2078.7 | 2056.7 | 2009.3 | 1966.9 | 1939.8 | 1911.0 | 1861.9 | 1824.6 |
| 20° | 2175.3 | 2177.0 | 2170.2 | 2163.4 | 2144.8 | 2104.1 | 2085.5 | 2058.4 | 1994.0 | 1887.3 | 1799.2 |
| 22.5° | 2265.1 | 2271.9 | 2263.4 | 2256.6 | 2241.4 | 2224.4 | 2217.6 | 2153.3 | 2017.7 | 1846.6 | 1717.9 |
| 25° | 2380.3 | 2392.1 | 2382.0 | 2378.6 | 2370.1 | 2375.2 | 2354.9 | 2205.8 | 1983.9 | 1758.5 | 1597.6 |
| 27.5° | 2537.8 | 2537.8 | 2539.5 | 2539.5 | 2536.1 | 2554.8 | 2480.2 | 2207.5 | 1909.3 | 1645.0 | 1453.6 |
| 30° | 2722.5 | 2732.7 | 2729.3 | 2729.3 | 2742.8 | 2754.7 | 2549.7 | 2170.2 | 1814.4 | 1504.4 | 1277.4 |
| 32.5° | 2944.4 | 2952.9 | 2956.3 | 2941.0 | 2995.3 | 2934.3 | 2575.1 | 2102.4 | 1697.5 | 1329.9 | 1067.3 |
| 35° | 3212.1 | 3224.0 | 3232.4 | 3234.1 | 3269.7 | 3090.1 | 2561.6 | 2002.5 | 1529.8 | 1111.4 | 836.9 |
| 37.5° | 3561.1 | 3584.8 | 3603.5 | 3611.9 | 3613.6 | 3222.3 | 2524.3 | 1870.3 | 1311.3 | 867.4 | 623.4 |
| 40° | 4025.3 | 4050.7 | 4045.6 | 4062.6 | 3966.0 | 3300.2 | 2439.6 | 1678.9 | 1040.2 | 637.0 | 481.1 |
| 42.5° | 4472.6 | 4475.9 | 4482.7 | 4467.5 | 4271.0 | 3340.9 | 2321.0 | 1445.1 | 779.3 | 476.1 | 411.7 |
| 45° | 4972.3 | 4943.5 | 4911.3 | 4887.6 | 4552.2 | 3356.1 | 2158.3 | 1160.5 | 550.6 | 399.8 | 381.2 |
| 47.5° | 5441.6 | 5402.6 | 5336.6 | 5268.8 | 4802.9 | 3332.4 | 1950.0 | 869.1 | 418.5 | 365.9 | 360.9 |
| 50° | 5902.4 | 5829.6 | 5736.4 | 5658.5 | 5043.5 | 3296.8 | 1719.6 | 626.8 | 365.9 | 349.0 | 343.9 |
| 52.5° | 6473.4 | 6351.4 | 6229.4 | 6127.7 | 5356.9 | 3240.9 | 1477.3 | 476.1 | 343.9 | 335.4 | 328.7 |
| 55° | 7256.0 | 7086.6 | 6890.1 | 6747.8 | 5782.1 | 3156.2 | 1223.2 | 403.2 | 333.7 | 327.0 | 316.8 |
| 57.5° | 8340.3 | 8086.2 | 7864.3 | 7632.2 | 6363.2 | 3069.8 | 1004.6 | 374.4 | 332.1 | 321.9 | 308.3 |
| 60° | 9448.3 | 9143.3 | 8860.4 | 8528.4 | 6956.2 | 2983.4 | 852.2 | 371.0 | 337.1 | 321.9 | 301.6 |
| 62.5° | 10024.3 | 9709.2 | 9368.7 | 9031.5 | 7212.0 | 2780.1 | 747.1 | 376.1 | 349.0 | 327.0 | 301.6 |
| 65° | 9892.1 | 9507.6 | 9162.0 | 8818.1 | 6915.5 | 2395.5 | 631.9 | 382.9 | 372.7 | 347.3 | 306.6 |
| 67° | 9228.0 | 8826.5 | 8494.5 | 8165.8 | 6254.8 | 2005.9 | 542.1 | 389.7 | 398.1 | 371.0 | 316.8 |
| 67.5° | 8994.2 | 8592.7 | 8265.8 | 7945.6 | 6060.0 | 1924.6 | 520.1 | 393.0 | 403.2 | 377.8 | 320.2 |
| 70° | 7457.7 | 7162.9 | 6815.6 | 6568.2 | 4906.3 | 1424.8 | 426.9 | 399.8 | 433.7 | 416.8 | 335.4 |
| 72.5° | 5367.1 | 5085.8 | 4824.9 | 4687.7 | 3613.6 | 996.2 | 359.2 | 393.0 | 452.3 | 438.8 | 342.2 |
| 75° | 2853.0 | 2836.0 | 2741.1 | 2808.9 | 2236.3 | 650.6 | 316.8 | 367.6 | 432.0 | 401.5 | 318.5 |
| 77.5° | 576.0 | 593.0 | 696.3 | 686.1 | 721.7 | 362.5 | 271.1 | 315.1 | 333.7 | 294.8 | 259.2 |
| 80° | 267.7 | 262.6 | 257.5 | 260.9 | 255.8 | 232.1 | 220.2 | 247.3 | 232.1 | 189.7 | 172.8 |
| 82.5° | 166.0 | 162.6 | 157.6 | 155.9 | 172.8 | 184.7 | 193.1 | 194.8 | 154.2 | 132.1 | 127.1 |
| 85° | 79.6 | 79.6 | 77.9 | 81.3 | 101.6 | 150.8 | 162.6 | 144.0 | 103.3 | 94.9 | 89.8 |
| 87.5° | 15.2 | 15.2 | 16.9 | 15.2 | 20.3 | 35.6 | 40.7 | 47.4 | 39.0 | 40.7 | 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: P151267

CATALOG NUMBER: TLM-F06-LED-E1-SL3-7060

CANDELA DISTRIBUTION (continued):

| | 165° | 175° | 180° |
|-------|--------|--------|--------|
| 0° | 1685.7 | 1685.7 | 1685.7 |
| 2.5° | 1634.9 | 1631.5 | 1631.5 |
| 5° | 1601.0 | 1599.3 | 1599.3 |
| 7.5° | 1592.5 | 1594.2 | 1592.5 |
| 10° | 1624.7 | 1623.0 | 1629.8 |
| 12.5° | 1695.8 | 1700.9 | 1699.2 |
| 15° | 1770.4 | 1773.8 | 1773.8 |
| 17.5° | 1792.4 | 1780.6 | 1778.9 |
| 20° | 1734.8 | 1712.8 | 1707.7 |
| 22.5° | 1626.4 | 1585.7 | 1587.4 |
| 25° | 1489.2 | 1440.0 | 1443.4 |
| 27.5° | 1329.9 | 1277.4 | 1275.7 |
| 30° | 1138.5 | 1080.9 | 1052.1 |
| 32.5° | 908.1 | 838.6 | 838.6 |
| 35° | 682.7 | 626.8 | 606.5 |
| 37.5° | 518.4 | 486.2 | 476.1 |
| 40° | 432.0 | 416.8 | 413.4 |
| 42.5° | 393.0 | 388.0 | 386.3 |
| 45° | 372.7 | 369.3 | 367.6 |
| 47.5° | 354.1 | 352.4 | 350.7 |
| 50° | 340.5 | 338.8 | 337.1 |
| 52.5° | 328.7 | 325.3 | 323.6 |
| 55° | 311.7 | 311.7 | 311.7 |
| 57.5° | 301.6 | 301.6 | 299.9 |
| 60° | 291.4 | 289.7 | 289.7 |
| 62.5° | 282.9 | 279.5 | 281.2 |
| 65° | 277.8 | 272.8 | 272.8 |
| 67° | 274.5 | 264.3 | 264.3 |
| 67.5° | 274.5 | 260.9 | 260.9 |
| 70° | 269.4 | 247.3 | 244.0 |
| 72.5° | 264.3 | 232.1 | 227.0 |
| 75° | 250.7 | 220.2 | 215.2 |
| 77.5° | 215.2 | 196.5 | 193.1 |
| 80° | 166.0 | 144.0 | 147.4 |
| 82.5° | 120.3 | 103.3 | 101.6 |
| 85° | 86.4 | 74.5 | 74.5 |
| 87.5° | 45.7 | 39.0 | 40.7 |
| 90° | 0.0 | 0.0 | 0.0 |

(END OF REPORT)