



Filename: DCC150MH

Manufacturer: TEXAS FLUORESCENT

Luminaire: CAST ALUMINUM HOUSING, FORMED SEMI-SPECULAR ALUMINUM REFLECTOR, CLEAR GLASS ENCLOSURE.

Luminaire Cat: DCC150-150MH-MT-LP

Lamp: ONE CLEAR HORIZONTAL M57 150 WATT ED17 METAL HALIDE LAMP RATED AT 11,500 LUMENS.

Lamp Cat: SYLVANIA M150/U/MED

Lamp Output: 1 lamp, rated Lumens/lamp: 11500

Max Candela: 2,971.1 at Horizontal: 175°, Vertical: 25°

Input Wattage: 175

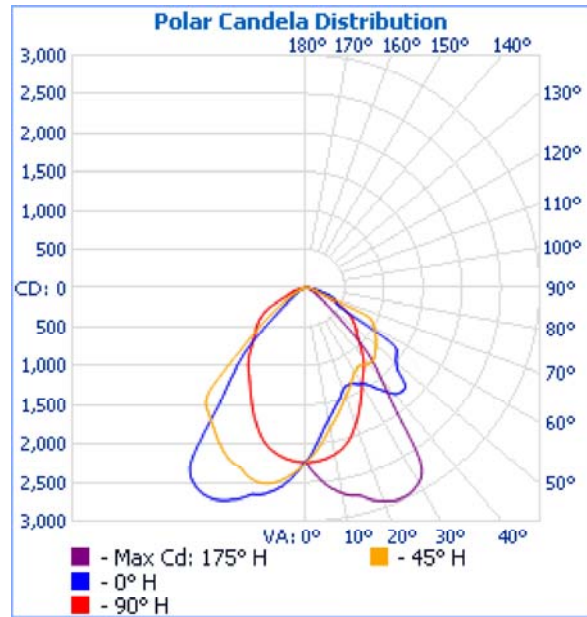
Luminous Opening: Rectangle (L: 6.88", W: 10.62")

Test: 08646

Test Lab: LUMINAIRE TESTING LABORATORY, INC.

Photometry : Type C

Nema Type: 6 X 6



**Roadway Summary**

Cutoff Classification:	FULL CUTOFF	
Distribution:	TYPE II, VERY SHORT	
Max Cd, 90 Deg Vert:	0	
Max Cd, 80 to <90 Deg:	116.2	
	Lumens	% Lamp
Downward Street Side:	2,378.8	20.7%
Downward House Side:	2,468.6	21.5%
Downward Total:	4,847.4	42.2%
Upward Street Side:	0	0%
Upward House Side:	0	0%
Upward Total:	0	0%
Total Lumens:	4,847.4	42.2%

**Flood Summary**

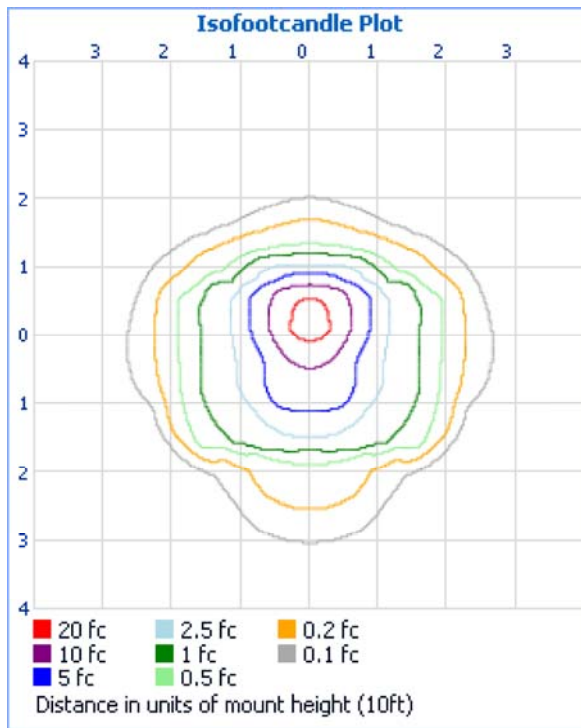
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	40.2%	4,617.8	128.2	124.8
Beam (50%):	21.5%	2,469.1	73.8	56.9
Total:	42.2%	4,847.3		

**Zonal Lumen Summary**

Zone	Lumens	% Lamp	% Luminaire
0-30	1,674.9	14.6%	34.6%
0-40	2,700.6	23.5%	55.7%
0-60	4,383.6	38.1%	90.4%
60-90	464.0	4%	9.6%
70-100	123.6	1.1%	2.5%
90-120	0	0%	0%
0-90	4,847.6	42.2%	100%
90-180	0	0%	0%
0-180	4,847.6	42.2%	100%

**Lumens Per Zone**

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	210.9	4.3%	90-100	0	0%
10-20	593.0	12.2%	100-110	0	0%
20-30	871.1	18.0%	110-120	0	0%
30-40	1,025.7	21.2%	120-130	0	0%
40-50	965.4	19.9%	130-140	0	0%
50-60	717.6	14.8%	140-150	0	0%
60-70	340.4	7.0%	150-160	0	0%
70-80	109.2	2.3%	160-170	0	0%
80-90	14.4	0.3%	170-180	0	0%



	Center Beam fc	Beam Width	
1.7ft	773 fc	1.8 ft	2.6 ft
3.3ft	205 fc	3.6 ft	5.0 ft
5.0ft	89.3 fc	5.4 ft	7.5 ft
6.7ft	49.8 fc	7.3 ft	10.1 ft
8.3ft	32.4 fc	9.0 ft	12.5 ft
10.0ft	22.3 fc	10.8 ft	15.0 ft

■ Vert. Spread: 56.9°  
■ Horiz. Spread: 73.8°

**Coefficients Of Utilization - Zonal Cavity Method**

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50				30				10				0
RW %:	70	50	30	0	70	50	30	0	50	30	20	0	50	30	20	0	50	30	20	0	0
RCR: 0	.50	.50	.50	.50	.49	.49	.49	.42	.47	.47	.47		.45	.45	.45		.43	.43	.43		.42
1	.47	.45	.44	.42	.46	.44	.43	.37	.42	.41	.40		.41	.40	.39		.39	.39	.38		.37
2	.43	.40	.38	.36	.42	.39	.37	.33	.38	.36	.34		.37	.35	.34		.35	.34	.33		.32
3	.40	.36	.33	.30	.39	.35	.32	.28	.34	.32	.30		.33	.31	.29		.32	.30	.29		.28
4	.37	.32	.29	.26	.36	.32	.29	.25	.31	.28	.26		.30	.27	.25		.29	.27	.25		.24
5	.34	.29	.26	.23	.33	.29	.25	.22	.28	.25	.23		.27	.24	.22		.26	.24	.22		.21
6	.31	.26	.23	.20	.31	.26	.23	.20	.25	.22	.20		.24	.22	.20		.24	.22	.20		.19
7	.29	.24	.21	.18	.29	.24	.20	.18	.23	.20	.18		.22	.20	.18		.22	.20	.18		.17
8	.27	.22	.19	.16	.27	.22	.18	.16	.21	.18	.16		.21	.18	.16		.20	.18	.16		.15
9	.26	.20	.17	.15	.25	.20	.17	.14	.20	.17	.15		.19	.16	.15		.19	.16	.15		.14
10	.24	.19	.16	.13	.23	.18	.15	.13	.18	.15	.13		.18	.15	.13		.17	.15	.13		.13

**Candela Table - Type C**

	0	5	15	25	35	45	55	65	75	85	90	95	105	115	125	135	145	155	165	175	180
0	2234	2234	2234	2234	2234	2234	2234	2234	2234	2234	2234	2234	2234	2234	2234	2234	2234	2234	2234	2234	2234
0.5	2200	2213	2210	2208	2210	2212	2215	2223	2229	2236	2241	2243	2245	2246	2252	2256	2256	2262	2263	2265	2230
1	2176	2184	2188	2186	2191	2194	2196	2208	2221	2233	2237	2245	2252	2259	2270	2279	2280	2287	2294	2294	2262
1.5	2148	2159	2161	2161	2168	2177	2182	2195	2213	2228	2237	2245	2259	2271	2287	2300	2308	2316	2321	2332	2296
2	2120	2133	2133	2138	2144	2155	2168	2179	2199	2219	2233	2243	2265	2280	2299	2316	2327	2336	2346	2350	2323
2.5	2084	2099	2106	2112	2124	2140	2150	2170	2190	2217	2229	2245	2270	2290	2312	2334	2349	2356	2371	2378	2349
3	2055	2073	2082	2088	2102	2121	2142	2162	2183	2215	2233	2248	2276	2303	2327	2355	2369	2387	2398	2405	2375
3.5	2021	2038	2049	2057	2075	2098	2122	2146	2174	2205	2224	2243	2280	2308	2338	2369	2389	2405	2420	2426	2398
4	1994	2009	2016	2031	2049	2075	2102	2138	2166	2201	2221	2243	2285	2320	2355	2387	2412	2430	2446	2454	2430
4.5	1966	1979	1990	2005	2027	2055	2088	2130	2164	2200	2224	2246	2292	2330	2371	2404	2435	2457	2477	2480	2459
5	1934	1949	1959	1976	2000	2031	2066	2112	2153	2188	2216	2243	2292	2338	2378	2420	2451	2477	2491	2501	2483

5.5	1910	1925	1934	1950	1976	2012	2053	2099	2150	2186	2213	2246	2296	2347	2396	2440	2471	2497	2515	2530	2501
6	1883	1896	1904	1921	1948	1982	2029	2078	2135	2177	2208	2238	2298	2351	2404	2454	2488	2515	2533	2550	2525
6.5	1859	1872	1883	1901	1924	1963	2011	2067	2130	2173	2205	2239	2301	2360	2421	2471	2508	2537	2558	2568	2554
7	1832	1846	1859	1874	1901	1940	1991	2054	2119	2164	2200	2237	2304	2369	2429	2483	2525	2552	2579	2590	2572
7.5	1806	1817	1826	1845	1875	1916	1970	2034	2106	2157	2194	2228	2303	2371	2435	2496	2538	2568	2592	2605	2583
8	1785	1795	1804	1824	1854	1895	1948	2018	2093	2146	2184	2226	2303	2376	2444	2508	2554	2583	2609	2616	2601
8.5	1764	1773	1782	1802	1830	1873	1928	1999	2078	2137	2181	2219	2303	2382	2457	2519	2567	2599	2623	2634	2620
9	1744	1751	1765	1780	1812	1859	1915	1987	2069	2133	2174	2217	2305	2388	2466	2532	2580	2616	2641	2655	2636
9.5	1720	1731	1738	1755	1787	1836	1892	1967	2051	2122	2166	2210	2301	2389	2473	2539	2588	2625	2651	2665	2649
10	1699	1711	1718	1735	1769	1819	1874	1950	2041	2112	2157	2204	2300	2395	2477	2548	2599	2638	2662	2679	2662
10.5	1684	1693	1700	1718	1753	1795	1859	1934	2027	2102	2149	2196	2299	2398	2484	2555	2604	2645	2678	2693	2675
11	1666	1674	1685	1702	1736	1778	1841	1917	2015	2095	2142	2192	2296	2400	2490	2559	2614	2649	2691	2707	2691
11.5	1648	1656	1666	1683	1718	1760	1823	1901	2002	2086	2133	2187	2294	2402	2493	2563	2621	2665	2702	2714	2707
12	1629	1638	1647	1666	1700	1744	1803	1886	1987	2075	2124	2181	2294	2402	2495	2567	2627	2674	2711	2725	2712
12.5	1612	1620	1631	1651	1683	1727	1788	1870	1971	2067	2115	2171	2287	2405	2495	2570	2632	2679	2716	2733	2722
13	1598	1605	1614	1632	1663	1709	1773	1852	1957	2058	2104	2163	2285	2405	2497	2570	2634	2681	2722	2735	2727
13.5	1582	1587	1598	1618	1648	1693	1755	1835	1940	2042	2088	2149	2274	2402	2496	2571	2639	2685	2726	2740	2733
14	1565	1573	1583	1605	1632	1678	1740	1821	1927	2034	2077	2138	2272	2400	2496	2574	2642	2691	2733	2749	2738
14.5	1549	1556	1563	1585	1614	1657	1722	1802	1907	2018	2064	2126	2259	2391	2487	2568	2638	2688	2735	2758	2738
15	1535	1541	1553	1570	1601	1640	1703	1784	1890	2003	2047	2115	2250	2382	2482	2562	2634	2687	2740	2769	2751
15.5	1523	1528	1535	1554	1583	1625	1686	1765	1872	1989	2034	2096	2239	2376	2473	2555	2627	2687	2756	2788	2769
16	1509	1514	1521	1543	1568	1611	1669	1749	1852	1972	2018	2082	2229	2366	2464	2552	2623	2689	2768	2808	2788
16.5	1497	1502	1508	1523	1553	1592	1651	1729	1835	1956	1998	2067	2216	2355	2451	2543	2616	2701	2786	2824	2806
17	1479	1486	1493	1512	1540	1577	1632	1711	1813	1938	1982	2051	2204	2341	2438	2534	2610	2714	2804	2844	2822
17.5	1465	1470	1481	1497	1528	1563	1614	1691	1793	1919	1965	2034	2190	2329	2426	2521	2609	2724	2817	2861	2843
18	1451	1455	1466	1484	1511	1546	1596	1673	1775	1897	1947	2020	2175	2313	2415	2512	2609	2734	2830	2873	2857
18.5	1432	1442	1452	1473	1501	1530	1577	1652	1753	1875	1924	2002	2161	2296	2398	2496	2614	2742	2843	2885	2870
19	1413	1423	1437	1461	1484	1512	1559	1629	1731	1854	1903	1980	2142	2280	2383	2484	2620	2754	2851	2899	2880
19.5	1398	1404	1420	1444	1469	1495	1539	1611	1704	1830	1881	1961	2126	2261	2363	2464	2621	2759	2859	2908	2888
20	1387	1391	1406	1433	1462	1484	1526	1594	1686	1812	1859	1941	2108	2243	2347	2458	2626	2767	2870	2917	2904
20.5	1378	1380	1393	1424	1448	1473	1511	1570	1665	1790	1842	1924	2087	2225	2332	2453	2629	2773	2876	2922	2914
21	1368	1371	1380	1410	1436	1461	1493	1550	1643	1769	1820	1903	2071	2204	2313	2446	2630	2773	2884	2935	2925
21.5	1359	1361	1371	1397	1423	1446	1473	1530	1620	1745	1799	1879	2051	2184	2294	2442	2629	2775	2890	2945	2935
22	1355	1356	1358	1384	1413	1431	1459	1510	1599	1725	1779	1861	2031	2159	2276	2437	2626	2777	2896	2952	2943
22.5	1355	1351	1351	1373	1400	1420	1440	1488	1569	1702	1755	1840	2012	2140	2256	2430	2621	2779	2903	2963	2951
23	1355	1351	1344	1361	1390	1407	1426	1466	1553	1680	1732	1820	1991	2116	2234	2428	2617	2782	2905	2963	2956
23.5	1359	1356	1345	1358	1380	1398	1413	1448	1532	1661	1715	1800	1972	2098	2215	2420	2613	2784	2909	2969	2961
24	1352	1349	1343	1352	1369	1384	1393	1429	1507	1636	1687	1771	1945	2071	2197	2411	2604	2780	2908	2968	2965
24.5	1349	1347	1342	1347	1357	1371	1376	1406	1484	1612	1667	1751	1925	2053	2182	2402	2596	2780	2908	2965	2965
25	1348	1345	1338	1342	1347	1360	1358	1386	1457	1589	1645	1735	1903	2032	2168	2391	2590	2776	2909	2971	2965
25.5	1352	1347	1335	1340	1338	1347	1343	1362	1437	1566	1623	1713	1882	2009	2154	2379	2580	2773	2904	2967	2965
26	1357	1355	1338	1338	1329	1331	1331	1344	1416	1541	1601	1689	1862	1987	2142	2365	2572	2767	2903	2965	2961
26.5	1369	1362	1340	1336	1322	1318	1315	1324	1394	1521	1579	1669	1837	1969	2130	2355	2563	2762	2901	2960	2959
27	1376	1369	1348	1336	1319	1307	1303	1303	1371	1501	1559	1649	1817	1947	2119	2340	2555	2755	2894	2954	2951
27.5	1386	1376	1360	1334	1316	1296	1287	1283	1348	1481	1540	1629	1798	1928	2104	2323	2543	2749	2888	2948	2946
28	1394	1386	1367	1335	1315	1282	1272	1263	1324	1455	1519	1610	1775	1914	2093	2309	2533	2740	2883	2941	2938
28.5	1400	1393	1376	1338	1307	1272	1254	1240	1301	1431	1495	1587	1758	1892	2077	2292	2522	2730	2871	2927	2927
29	1409	1404	1385	1345	1305	1263	1241	1226	1282	1413	1478	1569	1742	1881	2066	2283	2513	2724	2864	2916	2919
29.5	1410	1404	1389	1355	1296	1252	1227	1203	1257	1389	1452	1544	1724	1859	2047	2267	2497	2711	2854	2904	2901

30	1415	1413	1402	1366	1293	1248	1215	1188	1240	1367	1437	1528	1709	1849	2036	2257	2486	2702	2843	2893	2888
30.5	1419	1418	1406	1374	1293	1243	1201	1173	1219	1352	1419	1510	1691	1837	2023	2239	2475	2691	2833	2876	2875
31	1428	1426	1413	1380	1298	1236	1192	1157	1199	1332	1402	1491	1676	1824	2009	2225	2462	2678	2819	2857	2859
31.5	1439	1431	1427	1387	1305	1234	1179	1139	1182	1316	1386	1474	1658	1812	1995	2210	2447	2665	2801	2833	2838
32	1451	1442	1435	1393	1311	1226	1165	1126	1166	1296	1369	1460	1641	1799	1980	2196	2431	2651	2780	2801	2806
32.5	1465	1455	1448	1404	1319	1215	1155	1110	1146	1278	1353	1442	1624	1784	1967	2181	2416	2636	2753	2766	2773
33	1482	1473	1460	1413	1327	1210	1146	1097	1132	1263	1338	1429	1607	1770	1952	2164	2402	2617	2722	2712	2735
33.5	1501	1490	1474	1422	1335	1205	1135	1081	1115	1252	1325	1415	1592	1757	1937	2150	2387	2600	2684	2646	2678
34	1520	1508	1491	1439	1344	1208	1122	1071	1102	1236	1314	1400	1573	1744	1925	2138	2375	2575	2630	2548	2588
34.5	1543	1532	1510	1455	1353	1212	1109	1056	1089	1225	1302	1386	1557	1731	1912	2124	2360	2548	2561	2428	2473
35	1568	1553	1532	1469	1361	1218	1102	1047	1077	1210	1289	1371	1541	1716	1899	2112	2347	2517	2453	2272	2318
35.5	1587	1573	1556	1484	1371	1221	1090	1035	1064	1194	1273	1361	1526	1698	1887	2098	2330	2470	2320	2120	2168
36	1605	1591	1579	1506	1378	1225	1085	1023	1053	1179	1261	1347	1506	1683	1875	2083	2313	2417	2174	1998	2046
36.5	1624	1612	1601	1526	1390	1230	1080	1015	1040	1166	1245	1329	1491	1663	1861	2069	2296	2330	2041	1907	1923
37	1648	1634	1619	1545	1402	1237	1075	1006	1033	1156	1231	1310	1468	1645	1849	2058	2275	2230	1917	1824	1830
37.5	1670	1657	1643	1566	1418	1244	1071	1001	1020	1143	1216	1296	1448	1629	1839	2049	2252	2084	1823	1762	1765
38	1692	1680	1662	1585	1428	1248	1062	991	1007	1127	1199	1274	1422	1607	1821	2036	2217	1940	1744	1695	1704
38.5	1714	1700	1682	1599	1441	1256	1057	981	998	1114	1184	1254	1402	1589	1810	2024	2179	1820	1686	1644	1649
39	1735	1720	1704	1615	1457	1260	1053	972	987	1098	1170	1234	1380	1572	1793	2013	2121	1716	1629	1585	1591
39.5	1755	1741	1728	1636	1469	1263	1053	964	980	1082	1151	1216	1353	1549	1779	2003	2037	1636	1583	1528	1536
40	1774	1761	1755	1661	1482	1267	1055	960	972	1073	1135	1194	1332	1528	1766	1995	1928	1576	1527	1482	1484
40.5	1781	1769	1774	1670	1493	1267	1051	951	961	1056	1113	1174	1310	1504	1746	1979	1803	1521	1481	1433	1423
41	1792	1782	1790	1687	1506	1270	1047	948	952	1040	1094	1152	1283	1481	1733	1962	1680	1474	1437	1390	1378
41.5	1798	1791	1804	1702	1515	1270	1044	944	945	1026	1077	1131	1259	1462	1713	1941	1557	1423	1391	1338	1336
42	1803	1797	1824	1723	1526	1270	1044	936	934	1007	1060	1113	1235	1440	1694	1912	1455	1382	1349	1291	1289
42.5	1807	1800	1840	1735	1534	1265	1043	931	926	993	1040	1090	1212	1419	1676	1877	1387	1342	1305	1243	1236
43	1808	1804	1846	1748	1536	1261	1042	926	916	981	1022	1071	1192	1395	1656	1832	1338	1307	1265	1190	1186
43.5	1810	1810	1857	1760	1541	1261	1046	922	912	968	1007	1052	1170	1373	1636	1770	1299	1278	1230	1132	1128
44	1804	1804	1862	1773	1545	1256	1044	921	901	954	991	1031	1148	1353	1614	1676	1259	1244	1179	1071	1068
44.5	1806	1802	1868	1780	1546	1249	1046	918	894	938	974	1013	1130	1329	1592	1556	1216	1214	1126	1005	1005
45	1800	1799	1862	1784	1544	1243	1044	918	886	925	958	996	1108	1302	1570	1436	1181	1182	1071	934	936
45.5	1785	1787	1857	1787	1536	1239	1044	919	879	910	945	980	1084	1280	1548	1336	1144	1146	1013	867	863
46	1757	1765	1848	1790	1530	1231	1044	918	874	898	931	964	1066	1256	1523	1231	1109	1108	951	801	789
46.5	1723	1736	1828	1786	1521	1221	1046	916	867	888	916	948	1049	1237	1498	1148	1084	1064	884	733	726
47	1679	1695	1793	1775	1512	1212	1047	910	855	874	899	932	1029	1212	1464	1085	1053	1011	823	665	660
47.5	1634	1648	1757	1765	1497	1205	1052	912	852	863	890	922	1018	1190	1432	1033	1029	965	764	614	613
48	1589	1598	1709	1749	1479	1199	1052	912	844	852	877	906	1001	1169	1389	978	1000	912	697	563	555
48.5	1561	1565	1657	1722	1466	1194	1058	918	841	844	868	898	991	1152	1344	932	968	861	645	521	515
49	1543	1545	1610	1689	1446	1188	1060	916	835	834	860	885	980	1135	1287	884	941	812	587	477	479
49.5	1527	1528	1573	1652	1420	1179	1062	916	826	827	848	874	969	1119	1210	839	909	757	532	442	442
50	1512	1515	1553	1601	1398	1173	1064	916	824	818	841	865	958	1104	1131	794	874	700	483	411	410
50.5	1499	1502	1535	1557	1376	1168	1068	921	817	812	835	860	948	1090	1014	752	837	643	444	384	382
51	1484	1484	1516	1502	1347	1159	1066	916	809	805	823	846	930	1076	898	710	794	579	404	353	353
51.5	1472	1470	1499	1466	1320	1148	1066	918	802	793	814	837	922	1062	799	676	752	518	366	326	329
52	1465	1464	1486	1439	1296	1139	1065	919	795	782	801	824	912	1048	715	645	702	462	334	302	307
52.5	1458	1455	1475	1419	1274	1131	1064	919	793	775	792	814	899	1036	642	612	654	420	311	283	284
53	1450	1448	1468	1397	1252	1126	1060	918	786	766	785	805	890	1024	589	574	597	377	285	260	265
53.5	1441	1439	1459	1377	1231	1118	1056	916	780	756	772	792	879	1011	547	539	541	340	262	245	247
54	1434	1432	1448	1362	1214	1110	1052	912	771	748	762	777	865	1001	514	506	484	309	246	232	234

54.5	1428	1426	1441	1351	1198	1101	1047	909	762	739	752	769	852	987	480	473	438	284	229	223	223
55	1420	1420	1432	1343	1184	1091	1039	906	756	730	742	755	844	972	448	443	388	260	217	209	210
55.5	1409	1409	1423	1329	1172	1081	1033	905	751	717	731	743	828	954	424	411	349	243	205	200	203
56	1395	1397	1413	1315	1161	1075	1026	903	742	707	720	733	817	936	396	382	316	223	195	194	195
56.5	1370	1377	1404	1301	1150	1068	1018	901	738	697	705	720	804	914	376	359	287	210	185	185	190
57	1325	1338	1391	1290	1140	1062	1007	896	727	685	691	707	789	884	369	338	263	197	176	176	179
57.5	1238	1274	1361	1277	1132	1052	1000	889	720	673	682	691	779	844	356	318	241	185	168	172	174
58	1067	1135	1325	1267	1126	1043	987	886	711	659	664	676	764	793	349	298	225	174	163	168	168
58.5	859	916	1239	1252	1117	1038	976	876	700	645	649	659	747	726	336	283	209	166	157	162	163
59	704	734	1068	1235	1109	1027	963	867	691	629	635	645	730	649	329	267	196	157	152	157	161
59.5	626	642	854	1195	1098	1020	952	855	677	616	618	631	715	577	321	252	183	151	146	154	157
60	580	592	701	1133	1091	1011	938	839	667	602	602	616	697	509	309	239	174	146	142	148	152
60.5	540	548	609	1005	1082	1005	930	830	654	587	588	600	682	464	300	226	162	138	138	143	145
61	508	513	548	809	1073	996	916	818	640	568	572	583	667	426	292	214	155	134	134	142	142
61.5	482	485	499	601	1058	987	898	805	623	552	554	563	647	393	280	201	145	129	129	139	139
62	463	466	463	480	1023	977	885	785	600	532	537	543	627	366	270	190	137	122	125	133	134
62.5	455	452	433	417	971	969	868	762	571	503	506	518	605	335	260	179	128	119	125	129	129
63	451	448	413	373	846	956	851	720	532	473	477	488	576	309	250	167	122	115	117	126	126
63.5	443	441	398	330	643	943	828	672	493	444	448	452	528	285	236	155	112	106	110	120	119
64	439	437	391	300	466	932	806	613	462	415	421	424	490	269	225	146	106	102	109	113	115
64.5	440	438	388	279	364	925	771	565	433	391	393	396	453	262	217	141	104	102	106	109	110
65	436	433	382	265	309	901	720	505	401	362	363	367	410	247	203	126	96	95	100	104	108
65.5	431	426	377	259	269	859	664	451	363	334	338	336	371	242	190	120	91	91	97	101	100
66	431	428	377	259	237	795	607	398	331	313	314	312	340	234	181	113	90	88	96	97	97
66.5	424	421	373	249	213	642	532	336	305	292	294	287	300	223	168	104	83	84	88	91	90
67	420	417	366	247	195	455	464	285	283	274	274	267	267	214	157	99	77	79	86	87	87
67.5	412	409	360	242	190	322	384	241	265	260	258	251	246	205	148	93	73	75	82	83	84
68	405	401	358	239	184	269	307	210	250	251	247	239	227	196	138	88	70	71	77	79	79
68.5	396	393	343	234	177	221	250	194	242	247	241	230	214	187	125	83	67	66	73	77	73
69	389	387	342	230	175	194	208	181	237	243	237	226	207	180	121	80	66	68	71	73	71
69.5	373	371	326	223	168	172	177	171	225	236	227	217	196	167	108	73	60	62	66	66	66
70	360	358	318	217	163	162	166	162	218	232	223	212	188	161	105	70	58	59	60	64	66
70.5	351	347	309	212	157	157	155	157	213	225	217	205	181	150	95	67	54	53	58	59	58
71	340	336	298	205	151	151	148	150	205	221	209	197	175	143	91	62	51	50	53	55	53
71.5	326	326	291	203	148	151	146	148	199	217	207	194	168	137	87	62	51	50	50	50	50
72	314	312	281	195	142	148	142	141	192	212	201	185	161	126	82	58	50	50	49	51	50
72.5	303	301	270	187	135	142	139	133	183	204	194	177	154	117	75	54	47	46	49	50	50
73	287	284	259	179	129	139	133	128	176	200	185	170	146	109	70	51	46	45	46	47	45
73.5	271	269	246	170	121	132	128	124	170	192	176	163	134	104	66	47	42	40	40	42	42
74	251	249	230	157	113	125	124	115	157	183	167	151	128	92	58	44	35	34	34	37	31
74.5	232	232	214	148	106	119	115	108	150	174	159	146	119	86	54	44	31	31	30	29	31
75	213	212	200	137	99	109	112	105	139	166	151	134	109	77	50	38	31	29	30	31	31
75.5	194	194	187	132	97	106	108	101	134	161	145	132	106	73	49	35	31	31	33	34	31
76	180	179	164	121	88	100	101	96	124	152	135	120	96	70	46	34	34	33	33	33	34
76.5	171	168	148	106	82	91	95	87	110	139	125	110	87	62	40	29	29	28	29	30	31
77	166	164	146	101	73	83	90	82	105	132	115	101	80	55	37	31	28	26	26	26	26
77.5	162	159	142	93	68	77	83	77	95	124	106	95	75	49	30	29	25	22	24	25	24
78	155	152	137	92	63	67	77	70	87	112	99	88	66	47	30	28	21	18	18	20	18
78.5	151	148	132	91	60	63	73	68	80	102	90	82	64	44	31	28	20	18	18	18	18

79	138	135	122	80	49	53	62	60	68	91	80	73	55	35	29	18	15	15	13	16	13
79.5	125	126	115	75	47	46	57	54	59	80	71	63	47	28	25	17	15	13	15	13	13
80	116	115	105	70	44	42	50	49	55	71	63	58	45	29	21	15	12	13	13	13	13
80.5	105	105	95	62	34	35	40	44	49	62	55	47	37	30	15	13	15	13	12	12	11
81	93	92	87	58	29	33	37	38	40	51	47	45	29	24	12	12	13	13	15	15	16
81.5	83	83	77	49	28	28	35	38	34	46	42	34	30	17	13	13	16	13	16	15	13
82	74	73	67	44	21	24	28	31	30	34	31	30	26	13	15	15	13	13	12	13	13
82.5	63	62	58	34	16	20	22	25	28	29	30	28	20	12	15	13	12	13	12	13	11
83	50	51	46	30	13	16	21	22	20	28	25	21	16	15	13	13	13	13	15	13	13
83.5	43	40	38	26	12	13	17	17	15	16	15	13	13	13	13	12	11	11	11	12	8
84	30	30	29	18	13	13	13	16	12	13	13	13	15	13	12	8	8	7	8	9	8
84.5	24	21	22	15	11	11	13	13	13	13	13	12	13	12	8	5	4	5	5	5	2
85	16	17	16	15	9	11	12	15	15	16	16	16	13	11	5	5	5	4	4	4	5
85.5	10	9	12	11	5	7	11	13	12	12	11	11	8	7	5	2	2	2	2	4	2
86	0	0	0	0	0	2	4	5	4	2	2	4	2	0	0	0	0	0	0	0	0
86.5	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
87.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
89.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
91.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
92.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
93.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
94.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
97.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
98.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
99.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
101.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

103.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
104.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
106.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
107.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
112.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
116.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
117.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
118.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
119.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
121.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
122.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
123.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
128.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
129	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
129.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
132.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
134.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
137.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
139.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
142.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
145.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
146.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
148	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
148.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



152.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
164	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
164.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
167.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
169	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
169.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
173	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
173.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
175.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

177	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
177.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
179	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
179.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

**Luminaire Report Summary**

IESNA:LM-63-2002  
 [TEST] 08646  
 [TESTLAB] LUMINAIRE TESTING LABORATORY, INC.  
 [ISSUEDATE] 01-25-2005  
 [MANUFAC] TEXAS FLUORESCENT  
 [LUMCAT] DCC150-150MH-MT-LP  
 [LUMINAIRE] CAST ALUMINUM HOUSING, FORMED SEMI-SPECULAR ALUMINUM  
 [MORE] REFLECTOR, CLEAR GLASS ENCLOSURE.  
 [LAMP] ONE CLEAR HORIZONTAL M57 150 WATT ED17 METAL HALIDE LAMP RATED  
  
 [MORE] AT 11,500 LUMENS.  
 [LAMPCAT] SYLVANIA M150/U/MED  
 FILE: CANDELA MULTIPLIER: 0.82417  
 FILE: VERTICAL ANGLES: 361, HORIZONTAL ANGLES: 21  
 FILE: COORDINATE SYSTEM: TYPE C  
 FILE: UNIT OF MEASURE: STANDARD  
 FILE: BALLAST FACTOR: 1

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 Reported data calculated from manufacturer's data file, based on IES recommended methods.