



Project No: 10021186
Report No: 10021186-8
Issued Date: 2013-JUN-27
Revision:

Verification Services Test Report

Customer Company & Address
Acrilux SRL S.P. 571 Km 10+983 62019 Recanati (MC)

Manufacturer:	Acrilux SRL
Country of Origin:	Italy
Country of Export:	N/A
Product Category:	URBAN ARREDO SON MH 150 E40 E SAP
Product Description:	HID outdoor luminaire
Model Number(s):	URBAN ARREDO SON MH 150 E40 E SAP
Electrical Ratings:	230 V ac 50 Hz
Ballast:	TCI mod. 0150 HI/HS TAB ref. 183045
Lamp:	OSRAM E40 VIALOX NAV SON-E 150 W SUPER 4Y
Test Sample(s) Received Date:	2013-JUN-21
Test Period:	2013-JUN-26 to 2013-JUN-27
The Sample(s) is(are) tested in accordance with the following:	
UNI EN 13032-1:2012	

Prepared By	Approved By
Fausto Pedroni <i>Fausto Pedroni</i>	Walter Parmiani <i>Walter Parmiani</i>
Name & Signatory	Name & Signatory

This report shall not be reproduced except in full without the written approval of the Laboratory. The results in this report apply to the test sample(s) mentioned above at the time of the testing period only and are not to be used to indicate applicability to other similar products. This report does not imply that the product(s) has met the criteria for certification.



UL International Italia S.r.l.
Via XXV Aprile 3/B
20875 Burago di Molgora (MB) Italy
NVLAP Lab Code: 200985-0



Project No: 10021186
Report No: 10021186-8
Issued Date: 2013-JUN-27
Revision:

Verification Services Test Report

Statement of Results

Test Flow	Test Method	Sample ID	Test Result
1.	Goniophotometer	014012-S001	Evaluated by Customer

Measurement Uncertainty

N/A

Deviation from Test Method (if any)

N/A

Remarks (if any)

N/A



Verification Services Test Report

Test No. 1: Goniophotometer

Sample ID / Test Round Number

014012-S001 / 1

Environmental Conditions

Ambient Temperature
25.6 °C

Test Equipment

Local ID	Description	Model	Last cal	Next cal
BURVS0063	Goniophotometer system	LSI 6440T	03/jun/2013	By evidence
BURVS0066	AC PSU	ELGAR CW 1251	Reference only	Reference only
BURVS0065	Digital power meter	Yokogawa WT210	13/jul/2012	13/jul/2013
BURVS0067	THERMOMETER	OMEGA MDSi8	16/jul/2012	16/jul/2013
BURVS0061	OMNIDIRECTIONAL CALIBRATION LAMP	STS STD-EHD 12C050	25/jun/2012	25/jun/2015

Test Condition(s)

Input Voltage	Input Current	Input Power	Power Factor
230.04 V	0.71 A	152.35 W	0.94



Project No: 10021186
Report No: 10021186-8
Issued Date: 2013-JUN-27
Revision:

Verification Services Test Report

Test Results

Result Name	Result
Test Date	2013-JUN-26 05:30:00 PM
Current THD	23.9 %
Luminous Flux	6863.2 lm
Luminous Efficacy	45.0 lm/W
Luminous Opening Length	600.0 mm
Luminous Opening Width	0.0 mm
Luminous Opening Height	400.0 mm
LOR	49.20%



Project No: 10021186
Report No: 10021186-8
Issued Date: 2013-JUN-27
Revision:

Verification Services Test Report

Photo of Sample(s)

Sample



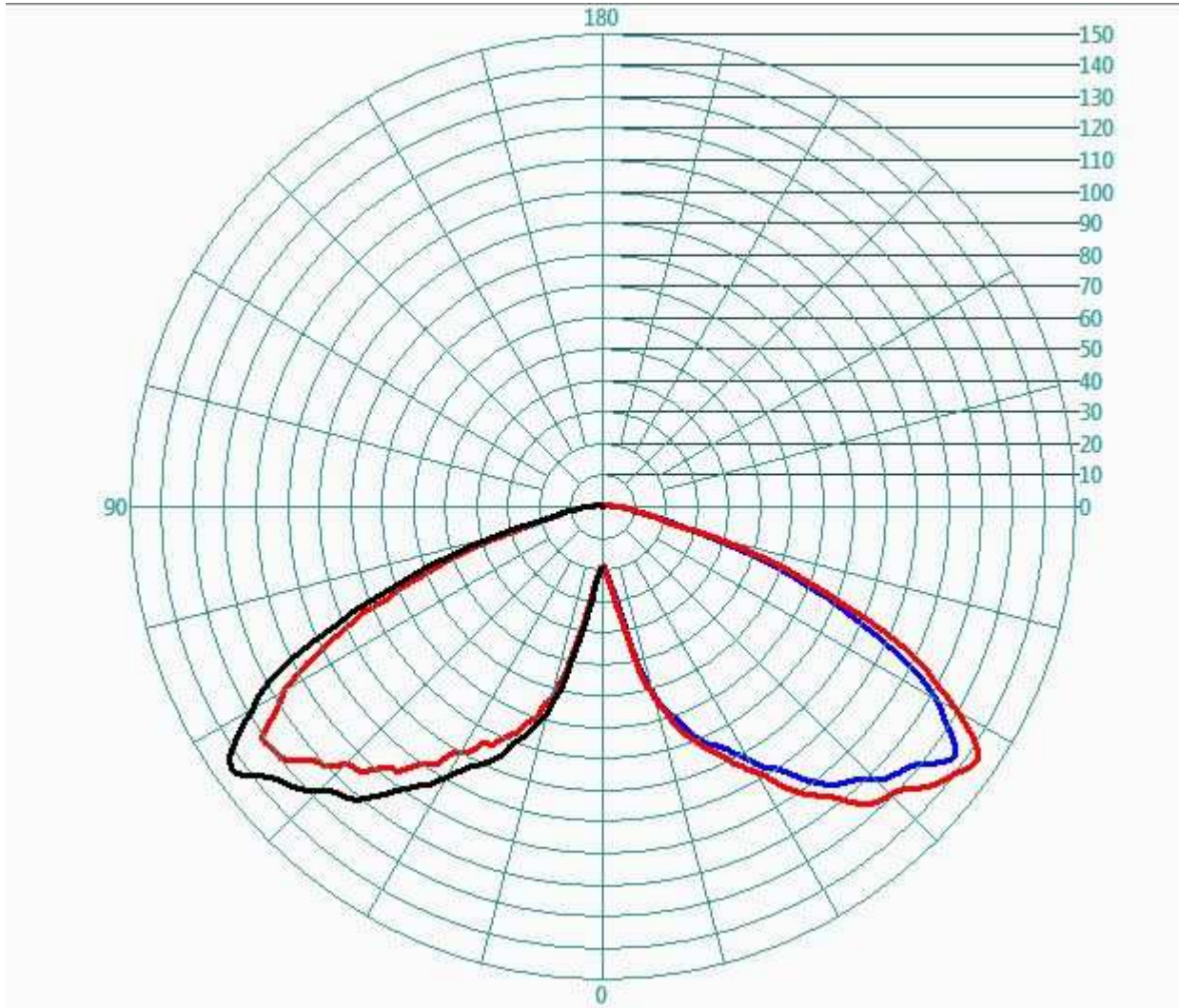
Goniophotometer set-up





Verification Services Test Report

Polar diagram (cd/Klm)

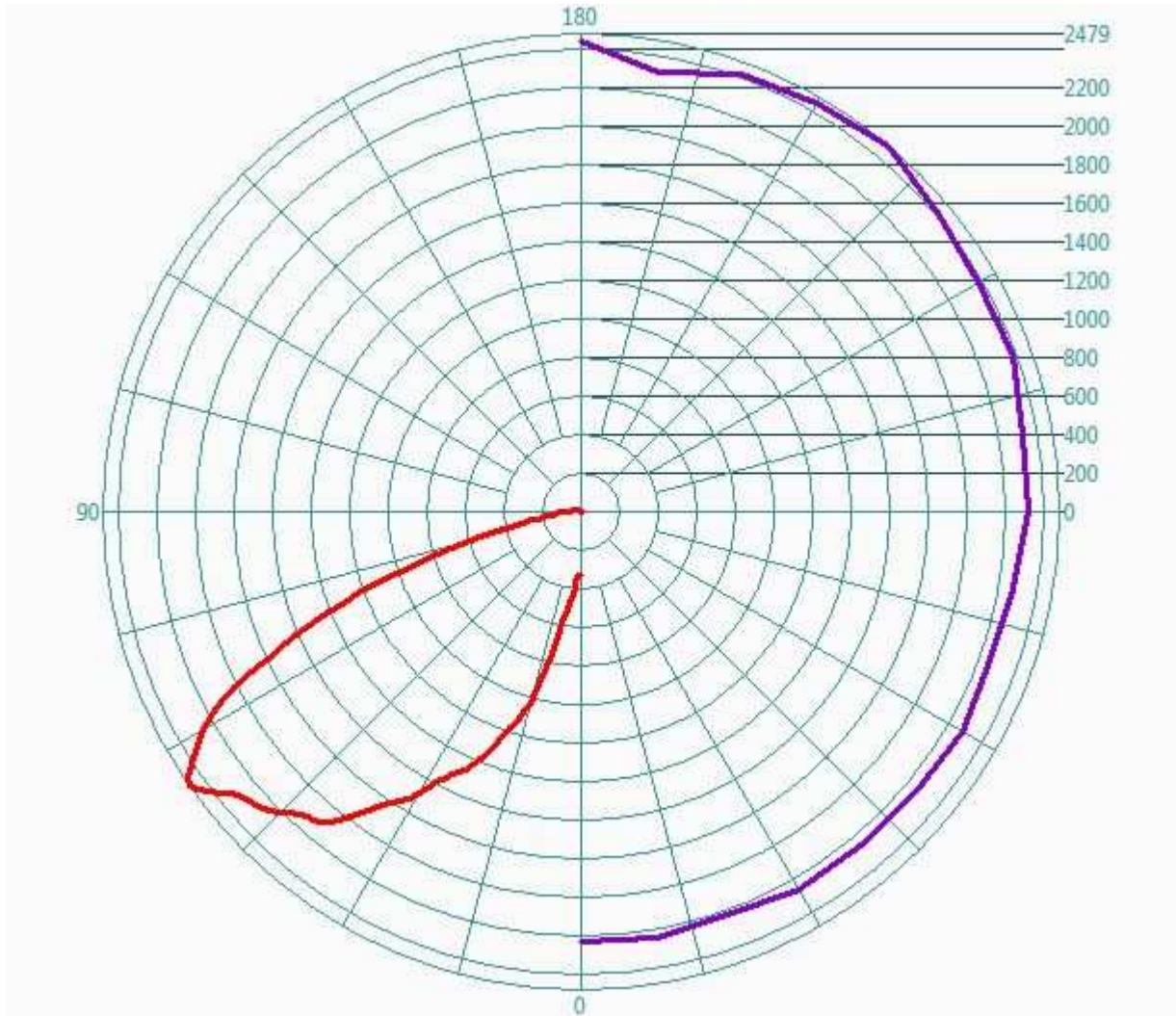




Project No: 10021186
Report No: 10021186-8
Issued Date: 2013-JUN-27
Revision:

Verification Services Test Report

Max cone and plane (cd)





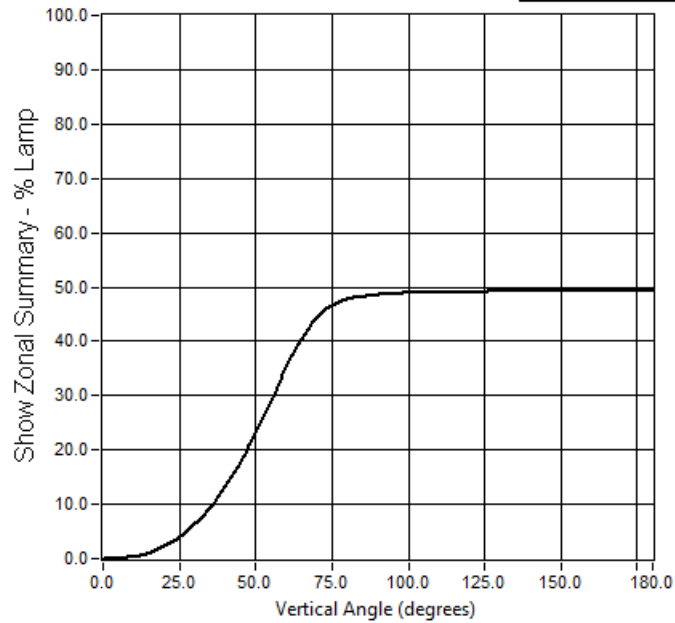
Test Report Number: 10021186-8
 Test Item Number: 014012

Zonal Lumen Summary

	Summary Zonal Lumens	Zonal Lumens - % Lamp	Zonal Lumens - % Fixture
0 to 30	1035.70	6.09	12.39
0 to 40	2178.23	12.81	26.06
0 to 60	5860.93	34.48	70.12
0 to 90	8251.37	48.54	98.72
40 to 90	6073.14	35.72	72.66
60 to 90	2390.44	14.06	28.60
90 to 180	107.04	0.63	1.28
0 to 180	8358.41	49.17	100.00

Zonal Flux Graph

Plot 0



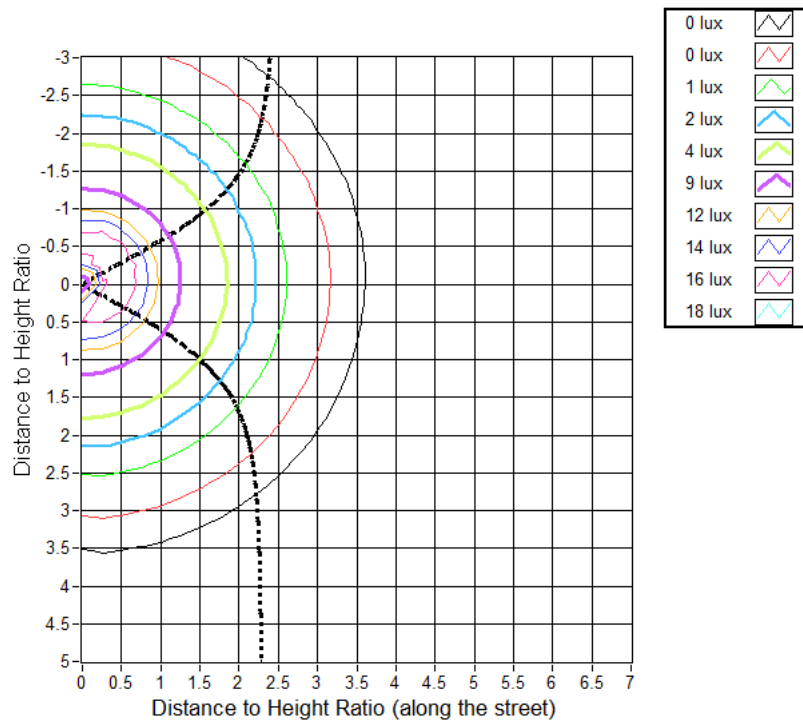


Test Report Number: 10021186-8
 Test Item Number: 014012

Isolluminance Merged Chart

House Side

Illuminance Contour Graph



Street Side

Total Forward Light - Street Side

BACKWARD (lm)	(%)	BL (0 to 30 deg)	BL (%)	BM (30 to 60 deg)	BM (%)	BH (60 to 80 deg)	BH (%)	BVH (80 to 90 deg)	BVH (%)
3982.37	23.43	508.62	2.99	2328.94	13.70	1068.28	6.28	76.54	0.45

Total Backward Light - House Side

FORWARD (lm)	(%)	FL (0 to 30 deg)	FL (%)	FM (30 to 60 deg)	FM (%)	FH (60 to 80 deg)	FH (%)	FVH (80 to 90 deg)	FVH (%)
4270.26	25.12	527.11	3.10	2496.56	14.69	1167.51	6.87	79.08	0.47



Test Report Number: 10021186-8
 Test Item Number: 014012

Luminous Intensity Values - Street Side

0	0.00	5.00	15.00	25.00	35.00	45.00	55.00	65.00	75.00	85.00
0.00	326.8	326.8	326.8	326.8	326.8	326.8	326.9	326.4	328.3	321.0
5.00	414.3	409.4	407.0	401.9	395.3	398.4	391.8	389.2	394.1	380.8
10.00	702.7	703.3	689.3	674.9	664.0	653.7	656.9	638.7	636.4	621.2
15.00	1075.1	1063.3	1040.3	1023.4	1027.5	1022.6	1015.7	1022.6	1021.6	1007.4
20.00	1267.7	1257.4	1256.3	1254.1	1239.6	1246.4	1238.8	1239.9	1266.2	1231.1
25.00	1415.7	1411.3	1392.4	1388.7	1381.0	1377.7	1400.7	1388.2	1408.6	1398.5
30.00	1526.1	1532.6	1529.5	1508.1	1526.8	1531.0	1527.7	1552.5	1562.1	1543.9
35.00	1687.6	1685.7	1701.8	1710.9	1693.6	1711.2	1714.2	1712.7	1762.2	1726.3
40.00	1837.6	1861.5	1868.1	1858.9	1861.8	1859.6	1892.1	1889.1	1893.1	1900.9
45.00	1965.0	1975.7	1976.4	1953.8	1982.5	1999.1	1991.8	2025.4	2049.5	2025.6
50.00	2120.7	2111.1	2128.3	2151.6	2126.6	2143.7	2150.3	2136.7	2189.8	2142.4
55.00	2225.2	2244.5	2258.2	2263.7	2252.9	2323.2	2378.8	2418.1	2449.0	2318.2
60.00	1981.8	1982.0	1996.3	2002.4	2035.0	2056.5	2036.1	2052.6	2061.2	2022.4
65.00	1511.2	1527.4	1550.7	1579.4	1582.4	1602.7	1611.4	1588.1	1629.2	1598.1
70.00	961.8	996.5	1021.8	1015.0	1038.2	1042.2	1045.3	1051.4	1051.6	1052.6
75.00	468.0	494.2	525.5	526.1	532.7	539.3	537.0	544.9	554.7	541.7
80.00	230.8	232.3	235.5	239.1	237.2	239.6	242.9	241.6	243.6	234.2
85.00	124.5	129.0	133.2	128.4	126.5	127.7	129.0	131.2	126.1	124.4
90.00	82.8	80.7	80.1	81.9	78.4	78.4	81.6	82.8	84.8	83.0

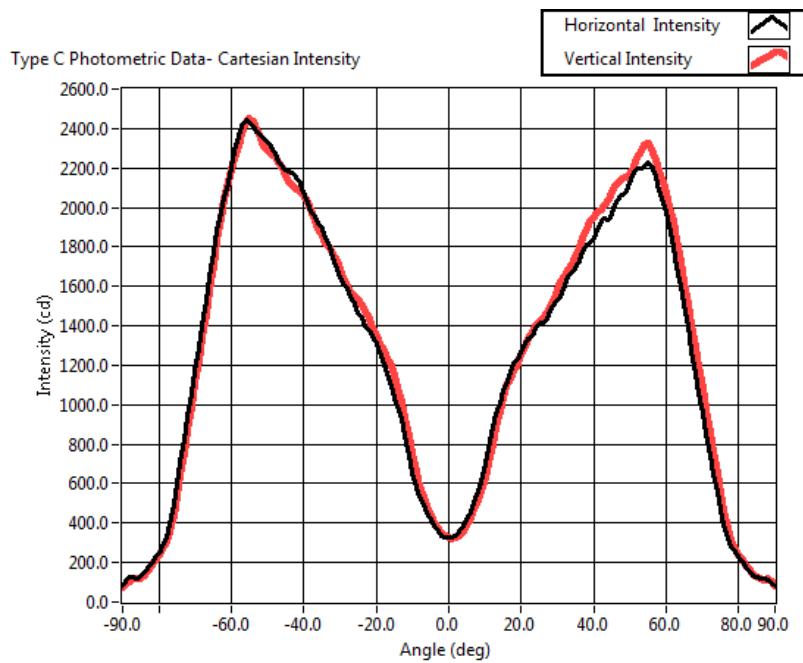
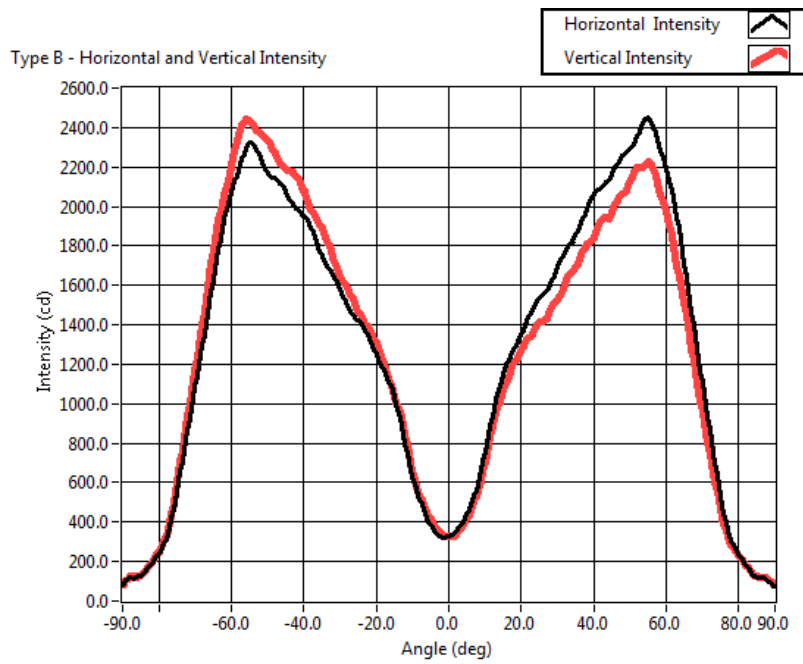
Luminous Intensity Values - House Side

0	90.00	95.00	105.00	115.00	125.00	135.00	140.00	145.00	155.00	165.00	175.00	180.00
0.00	326.8	326.8	326.8	326.8	326.8	326.8	326.8	326.8	326.6	327.6	323.9	326.8
5.00	386.6	391.1	388.7	388.1	396.3	392.1	391.6	396.2	406.9	413.1	412.9	417.9
10.00	627.9	624.1	624.3	618.2	613.4	617.7	614.6	611.2	615.6	623.7	638.3	654.5
15.00	1032.7	1025.4	1019.8	1026.1	1018.6	1018.2	1022.6	1019.2	999.3	1017.8	1028.7	1037.2
20.00	1249.2	1267.0	1274.8	1280.5	1304.1	1282.5	1270.4	1275.2	1283.9	1246.5	1268.5	1309.9
25.00	1422.1	1422.5	1449.9	1467.1	1472.0	1495.3	1492.9	1482.2	1475.5	1459.0	1444.7	1471.3
30.00	1582.5	1586.0	1597.4	1626.8	1647.8	1670.4	1687.2	1694.7	1678.0	1671.0	1638.2	1644.5
35.00	1751.3	1785.0	1816.7	1834.7	1880.2	1880.3	1876.1	1891.5	1919.0	1864.4	1847.4	1890.2
40.00	1952.6	1954.9	1994.4	2025.7	2031.1	2080.0	2095.2	2087.7	2073.6	2011.0	2014.3	2075.8
45.00	2077.2	2093.3	2112.2	2145.7	2177.9	2190.5	2206.3	2223.3	2205.1	2123.7	2134.6	2190.5
50.00	2171.1	2205.8	2251.6	2271.3	2307.2	2305.8	2295.4	2304.3	2331.9	2223.7	2244.8	2334.8
55.00	2323.2	2322.7	2382.0	2479.2	2414.9	2436.8	2479.2	0.0	0.0	0.0	0.0	0.0
60.00	2071.2	2090.2	2114.7	2162.4	2213.3	2237.2	2257.4	2278.8	2259.8	2159.8	2149.3	2201.5
65.00	1621.2	1647.3	1691.1	1728.8	1768.5	1783.9	1786.0	1795.1	1823.0	1726.4	1709.8	1774.2
70.00	1084.2	1085.5	1109.3	1147.2	1161.7	1193.6	1208.6	1203.8	1195.1	1151.5	1136.6	1169.3
75.00	553.2	560.6	575.2	591.9	607.2	616.7	622.4	630.3	627.9	593.9	580.9	593.2
80.00	237.2	237.8	241.4	244.2	246.6	250.7	251.8	252.9	257.1	245.6	241.0	248.6
85.00	129.8	130.4	131.6	132.4	129.1	130.4	133.1	133.0	131.7	126.1	125.6	130.0
90.00	84.6	84.0	84.5	83.3	81.4	84.6	86.2	86.6	84.5	81.4	82.8	85.3



Test Report Number: 10021186-8
Test Item Number: 014012

Cartesian Intensity





Test Report Number: 10021186-8
 Test Item Number: 014012

Candela Table (cd)

	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0
0.0	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327
1.0	326	326	320	325	323	322	328	322	324	322	317	325	320	322	328
2.0	337	335	329	333	327	329	331	325	330	324	322	329	323	329	332
3.0	356	352	348	349	342	346	344	340	344	337	339	342	339	346	344
4.0	387	376	375	370	366	370	362	364	365	358	363	360	363	368	363
5.0	414	406	407	396	397	397	388	393	390	387	393	385	394	395	392
6.0	455	446	445	430	435	429	423	427	419	425	427	417	430	427	428
7.0	504	493	486	473	478	468	466	463	457	466	465	460	470	466	473
8.0	555	552	536	528	525	514	514	505	502	513	505	508	511	508	518
9.0	613	624	602	597	585	579	577	558	562	563	552	558	551	553	559
10.0	703	701	678	673	655	656	651	631	637	628	622	625	612	618	615
11.0	783	779	765	753	737	742	729	718	724	708	709	710	698	707	691
12.0	887	855	852	832	828	828	810	811	815	797	807	797	797	800	779
13.0	954	925	928	906	912	907	889	900	896	890	898	883	895	889	871
14.0	1009	994	990	969	983	966	960	970	964	970	969	962	973	961	953
15.0	1075	1052	1030	1022	1030	1014	1021	1022	1016	1033	1020	1023	1025	1014	1023
16.0	1105	1111	1083	1086	1079	1052	1083	1069	1076	1093	1073	1090	1079	1074	1086
17.0	1159	1157	1131	1137	1119	1119	1134	1113	1132	1133	1124	1145	1127	1135	1136
18.0	1210	1188	1181	1179	1156	1169	1172	1160	1182	1170	1176	1194	1182	1195	1182
19.0	1229	1220	1223	1214	1199	1214	1204	1207	1225	1208	1233	1235	1238	1252	1223
20.0	1268	1251	1261	1243	1242	1246	1233	1254	1259	1249	1279	1270	1297	1299	1270
21.0	1313	1288	1290	1264	1280	1270	1267	1293	1284	1293	1318	1306	1342	1336	1323
22.0	1332	1326	1311	1292	1313	1294	1305	1324	1312	1336	1348	1346	1377	1370	1376
23.0	1348	1360	1333	1324	1334	1321	1345	1346	1346	1374	1370	1390	1404	1406	1424
24.0	1387	1388	1356	1358	1353	1354	1377	1365	1385	1402	1397	1433	1431	1443	1463
25.0	1416	1405	1384	1392	1371	1392	1399	1387	1419	1422	1429	1468	1462	1487	1493
26.0	1419	1418	1417	1418	1394	1423	1417	1418	1451	1441	1468	1497	1500	1530	1517
27.0	1434	1435	1450	1439	1429	1452	1437	1455	1478	1464	1508	1521	1543	1566	1548
28.0	1476	1461	1477	1458	1470	1477	1463	1494	1510	1498	1539	1542	1582	1600	1587
29.0	1509	1498	1499	1479	1507	1496	1500	1530	1536	1539	1567	1571	1614	1627	1635
30.0	1526	1536	1518	1510	1539	1521	1543	1558	1556	1582	1590	1610	1641	1655	1687
31.0	1551	1576	1545	1551	1564	1556	1585	1584	1584	1621	1618	1657	1669	1688	1734
32.0	1601	1610	1581	1594	1587	1597	1623	1609	1619	1654	1656	1705	1702	1730	1774
33.0	1649	1634	1621	1636	1614	1643	1653	1640	1665	1681	1704	1750	1749	1784	1805
34.0	1670	1660	1671	1672	1649	1685	1675	1685	1716	1712	1758	1785	1803	1838	1837
35.0	1688	1688	1714	1700	1697	1721	1706	1735	1763	1751	1811	1818	1860	1888	1876
36.0	1726	1722	1741	1724	1741	1748	1740	1781	1801	1799	1853	1850	1910	1929	1924
37.0	1775	1768	1767	1750	1784	1771	1781	1818	1829	1850	1885	1886	1944	1957	1977
38.0	1807	1810	1789	1783	1814	1796	1825	1844	1848	1896	1909	1932	1969	1984	2026
39.0	1816	1849	1815	1821	1835	1828	1866	1860	1871	1930	1931	1980	1992	2012	2067
40.0	1838	1877	1855	1866	1855	1874	1900	1881	1904	1953	1965	2022	2022	2053	2095
41.0	1884	1893	1896	1904	1879	1919	1921	1910	1945	1973	2007	2060	2059	2100	2114
42.0	1928	1906	1928	1929	1911	1950	1936	1946	1988	1990	2049	2083	2100	2139	2128
43.0	1942	1920	1946	1938	1948	1970	1949	1986	2020	2014	2082	2096	2137	2163	2146
44.0	1940	1946	1953	1943	1978	1978	1972	2019	2035	2041	2101	2104	2157	2176	2172
45.0	1965	1982	1964	1959	2003	1988	2007	2042	2041	2077	2106	2122	2169	2181	2206
46.0	2009	2023	1984	1985	2022	2006	2046	2053	2051	2108	2113	2150	2174	2186	2237
47.0	2047	2060	2021	2031	2039	2038	2082	2069	2073	2129	2126	2185	2181	2204	2256
48.0	2061	2084	2073	2079	2057	2083	2108	2088	2114	2144	2155	2219	2206	2239	2271
49.0	2080	2092	2117	2114	2085	2124	2125	2118	2155	2154	2199	2241	2245	2279	2280
50.0	2121	2109	2150	2140	2126	2158	2136	2157	2190	2171	2236	2260	2288	2316	2295
51.0	2173	2142	2170	2157	2171	2176	2161	2198	2212	2206	2270	2271	2326	2346	2325
52.0	2199	2182	2203	2175	2217	2192	2202	2233	2220	2247	2292	2289	2354	2367	2367
53.0	2196	2222	2212	2203	2247	2209	2241	2253	2233	2289	2304	2316	2367	2379	2413



Test Report Number: 10021186-8
 Test Item Number: 014012

Candela Table (cd)

	150.0	160.0	170.0	180.0	190.0	200.0	210.0	220.0	230.0	240.0	250.0	260.0	270.0	280.0	290.0
0.0	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327
1.0	326	329	330	325	336	332	335	338	330	334	334	332	338	332	332
2.0	332	340	338	338	347	345	352	351	349	352	348	352	352	349	352
3.0	348	359	356	360	364	366	375	371	377	375	371	377	373	376	375
4.0	373	383	381	387	386	395	401	398	409	402	402	407	402	407	403
5.0	402	410	414	418	415	429	430	433	445	436	440	441	436	445	436
6.0	437	442	453	453	453	467	466	474	483	479	484	480	482	486	477
7.0	476	479	495	492	496	507	507	519	520	524	528	523	533	528	523
8.0	517	520	533	535	544	546	552	565	564	579	578	575	591	582	586
9.0	556	564	572	583	598	595	609	622	630	650	645	652	664	657	666
10.0	611	621	628	655	673	671	690	700	715	732	732	747	752	753	757
11.0	688	705	711	747	763	770	791	790	818	827	830	850	840	855	851
12.0	785	795	807	845	852	878	896	892	921	918	935	945	934	948	936
13.0	875	878	901	931	939	977	985	982	1005	993	1017	1015	1012	1015	1003
14.0	950	946	980	992	1011	1044	1041	1066	1071	1066	1092	1074	1085	1072	1062
15.0	1010	1000	1032	1037	1083	1112	1116	1138	1123	1135	1147	1127	1146	1123	1118
16.0	1046	1041	1087	1097	1147	1158	1167	1193	1174	1198	1191	1182	1197	1174	1177
17.0	1112	1107	1122	1151	1206	1206	1226	1240	1234	1253	1234	1238	1239	1227	1231
18.0	1168	1163	1157	1209	1254	1258	1284	1281	1291	1297	1276	1291	1275	1280	1276
19.0	1227	1220	1196	1263	1292	1315	1337	1321	1348	1335	1325	1337	1310	1328	1313
20.0	1285	1269	1240	1310	1326	1369	1381	1366	1396	1369	1376	1373	1350	1363	1341
21.0	1333	1308	1293	1347	1365	1415	1416	1413	1436	1409	1423	1403	1391	1392	1369
22.0	1375	1345	1342	1375	1409	1452	1445	1458	1465	1454	1463	1431	1436	1416	1400
23.0	1407	1384	1380	1404	1455	1480	1474	1500	1491	1501	1492	1463	1478	1443	1437
24.0	1438	1426	1411	1438	1502	1506	1506	1532	1519	1541	1515	1502	1508	1477	1475
25.0	1474	1474	1443	1471	1540	1538	1547	1554	1552	1572	1537	1543	1533	1514	1509
26.0	1516	1523	1480	1514	1570	1576	1589	1573	1593	1595	1569	1580	1550	1551	1537
27.0	1563	1567	1525	1552	1596	1621	1629	1600	1633	1616	1609	1611	1571	1584	1557
28.0	1616	1603	1577	1587	1626	1669	1665	1640	1669	1639	1653	1637	1601	1608	1575
29.0	1656	1637	1625	1615	1659	1709	1693	1690	1698	1673	1693	1658	1643	1632	1598
30.0	1691	1669	1665	1645	1707	1742	1720	1736	1723	1717	1728	1682	1689	1654	1627
31.0	1721	1706	1695	1690	1760	1773	1756	1778	1751	1770	1757	1719	1731	1684	1668
32.0	1753	1755	1722	1746	1811	1801	1801	1811	1787	1814	1780	1764	1769	1725	1718
33.0	1798	1809	1750	1800	1855	1841	1859	1837	1836	1851	1810	1813	1794	1775	1762
34.0	1854	1858	1789	1850	1890	1896	1909	1871	1893	1881	1854	1861	1821	1823	1800
35.0	1912	1903	1836	1890	1921	1951	1954	1914	1945	1911	1905	1899	1853	1864	1831
36.0	1965	1936	1883	1922	1959	2002	1987	1964	1988	1944	1957	1928	1890	1890	1855
37.0	2003	1958	1927	1950	2000	2036	2010	2012	2019	1989	2000	1953	1939	1913	1884
38.0	2029	1984	1954	1984	2049	2061	2038	2060	2038	2040	2027	1979	1987	1943	1919
39.0	2051	2016	1970	2025	2096	2078	2071	2094	2060	2083	2048	2016	2028	1982	1963
40.0	2075	2058	1981	2076	2136	2103	2114	2119	2090	2111	2068	2067	2061	2030	2009
41.0	2114	2104	1998	2123	2166	2138	2159	2135	2126	2130	2097	2111	2082	2073	2045
42.0	2160	2136	2023	2154	2180	2184	2192	2146	2166	2139	2130	2141	2095	2098	2065
43.0	2194	2157	2055	2173	2188	2219	2210	2164	2198	2152	2169	2157	2110	2106	2072
44.0	2218	2163	2084	2182	2206	2244	2220	2193	2214	2176	2201	2160	2133	2108	2077
45.0	2227	2166	2107	2191	2232	2257	2222	2227	2221	2208	2223	2171	2162	2116	2090
46.0	2225	2175	2122	2208	2265	2258	2235	2258	2224	2244	2236	2190	2200	2143	2117
47.0	2228	2196	2125	2233	2300	2262	2261	2282	2236	2279	2247	2225	2231	2186	2157
48.0	2246	2234	2136	2272	2325	2281	2278	2297	2267	2300	2260	2268	2256	2226	2202
49.0	2279	2268	2155	2308	2343	2313	2310	2309	2310	2314	2288	2308	2269	2265	2239
50.0	2323	2302	2182	2335	2351	2356	2352	2323	2356	2327	2329	2338	2287	2294	2265
51.0	2366	2327	2226	2357	2360	2393	2393	2352	2392	2349	2372	2355	2313	2313	2283
52.0	2402	2341	2269	2368	2382	2418	2419	2391	2416	2384	2412	2371	2354	2331	2297
53.0	2423	2355	2300	2385	2414	2432	2430	2433	2424	2426	2433	2391	2399	2352	2320



Test Report Number: 10021186-8
 Test Item Number: 014012

Candela Table (cd)

	300.0	310.0	320.0	330.0	340.0	350.0	360.0
0.0	327	327	327	327	327	327	327
1.0	331	329	333	328	327	331	328
2.0	345	347	350	340	342	341	340
3.0	368	372	372	362	365	359	360
4.0	399	402	399	391	394	384	388
5.0	439	438	429	428	427	418	421
6.0	482	473	465	468	462	458	456
7.0	529	517	511	515	505	505	496
8.0	587	576	577	575	562	567	549
9.0	662	657	659	645	636	637	617
10.0	744	748	746	725	725	715	699
11.0	834	844	834	814	818	796	788
12.0	925	934	916	904	910	880	879
13.0	1005	1004	984	987	982	962	959
14.0	1072	1041	1035	1042	1031	1028	1021
15.0	1128	1104	1105	1108	1085	1091	1063
16.0	1171	1154	1159	1147	1129	1136	1112
17.0	1208	1208	1210	1181	1175	1170	1153
18.0	1245	1258	1249	1216	1222	1201	1198
19.0	1291	1299	1281	1257	1263	1232	1243
20.0	1338	1330	1305	1296	1294	1273	1286
21.0	1379	1354	1331	1336	1317	1313	1316
22.0	1413	1377	1362	1367	1337	1348	1335
23.0	1434	1405	1398	1390	1357	1376	1352
24.0	1449	1437	1432	1405	1383	1395	1367
25.0	1468	1472	1462	1419	1414	1409	1389
26.0	1493	1503	1486	1441	1446	1424	1420
27.0	1526	1527	1503	1471	1477	1447	1455
28.0	1565	1546	1520	1508	1502	1483	1491
29.0	1600	1564	1540	1544	1522	1522	1521
30.0	1630	1587	1570	1575	1543	1560	1545
31.0	1657	1621	1609	1602	1569	1592	1568
32.0	1680	1667	1652	1624	1606	1616	1593
33.0	1708	1714	1694	1649	1651	1639	1629
34.0	1747	1752	1730	1683	1695	1666	1672
35.0	1794	1783	1755	1728	1735	1701	1718
36.0	1845	1807	1780	1775	1767	1745	1756
37.0	1888	1831	1806	1818	1788	1790	1787
38.0	1917	1863	1840	1851	1808	1826	1806
39.0	1938	1902	1885	1871	1836	1855	1820
40.0	1955	1945	1928	1891	1873	1875	1845
41.0	1977	1986	1965	1913	1917	1892	1878
42.0	2007	2011	1984	1940	1956	1913	1919
43.0	2041	2023	1994	1971	1974	1938	1955
44.0	2071	2028	2000	2005	1985	1971	1981
45.0	2098	2037	2018	2033	1989	2008	2003
46.0	2118	2067	2052	2052	2010	2039	2019
47.0	2131	2110	2095	2072	2047	2061	2036
48.0	2146	2151	2133	2083	2090	2075	2066
49.0	2170	2183	2164	2106	2131	2091	2104
50.0	2207	2206	2183	2139	2159	2119	2149
51.0	2252	2219	2192	2181	2180	2155	2182
52.0	2295	2233	2205	2223	2192	2191	2204
53.0	2323	2252	2230	2250	2201	2225	2214



Test Report Number: 10021186-8
 Test Item Number: 014012

Candela Table (cd)

	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0
54.0	2205	2251	2224	2237	2266	2238	2275	2263	2254	2319	2311	2350	2378	2396	2457
55.0	2225	2244	2224	2258	2259	2264	2281	2253	2278	2323	2323	2379	2382	2418	2479
56.0	2215	2203	2209	2248	2230	2259	2251	2229	2277	2294	2327	2379	2377	2422	2463
57.0	2162	2151	2181	2208	2193	2233	2200	2199	2246	2240	2304	2339	2361	2404	2410
58.0	2087	2095	2142	2150	2153	2186	2145	2166	2197	2182	2257	2276	2327	2368	2360
59.0	2030	2040	2084	2080	2115	2119	2094	2122	2128	2127	2190	2201	2273	2305	2309
60.0	1982	1985	2005	2008	2060	2041	2041	2062	2044	2071	2106	2130	2196	2223	2257
61.0	1906	1923	1918	1937	1985	1964	1982	1982	1965	2006	2018	2063	2102	2132	2194
62.0	1805	1849	1826	1865	1890	1887	1906	1892	1892	1929	1927	1992	2011	2042	2112
63.0	1695	1757	1737	1787	1788	1808	1813	1791	1813	1834	1846	1911	1923	1956	2014
64.0	1602	1651	1650	1694	1682	1721	1702	1694	1728	1730	1765	1818	1835	1872	1902
65.0	1511	1542	1562	1590	1580	1622	1591	1604	1631	1621	1672	1709	1750	1781	1786
66.0	1400	1435	1463	1474	1483	1506	1483	1504	1517	1509	1564	1586	1651	1673	1672
67.0	1277	1332	1355	1356	1384	1388	1376	1402	1398	1399	1447	1463	1532	1552	1559
68.0	1161	1236	1243	1245	1276	1269	1273	1293	1281	1297	1327	1351	1408	1423	1448
69.0	1060	1133	1128	1138	1166	1155	1170	1176	1169	1192	1205	1240	1281	1295	1333
70.0	962	1022	1012	1027	1044	1040	1051	1050	1052	1084	1091	1132	1156	1173	1209
71.0	856	919	916	935	932	944	945	944	956	975	986	1019	1025	1055	1079
72.0	747	812	821	833	823	846	838	841	859	867	883	911	926	945	960
73.0	648	708	726	727	725	742	732	740	758	758	778	796	821	836	842
74.0	558	610	628	627	632	639	632	644	653	654	674	688	710	723	729
75.0	468	516	526	528	537	539	538	552	550	553	568	583	600	612	622
76.0	384	426	429	435	444	441	449	460	454	460	463	482	495	506	516
77.0	324	354	352	360	365	362	372	378	370	375	373	392	396	402	413
78.0	284	302	301	309	309	310	316	318	312	313	309	325	324	329	338
79.0	255	263	265	270	267	272	274	274	271	269	267	278	278	283	288
80.0	231	234	237	239	236	243	241	243	241	237	239	244	245	249	252
81.0	205	210	215	214	212	218	217	220	216	213	218	216	218	223	224
82.0	181	189	193	190	191	193	193	198	192	190	196	192	197	200	200
83.0	155	165	168	166	168	167	170	173	165	167	172	167	175	175	175
84.0	136	145	145	142	145	143	146	147	139	145	148	145	150	148	150
85.0	125	133	131	126	128	128	131	130	123	130	131	132	131	128	133
86.0	116	121	119	113	109	120	123	121	115	120	120	124	116	114	121
87.0	118	121	119	109	99	114	116	115	111	115	116	117	108	109	120
88.0	115	114	118	109	97	117	117	118	116	120	119	118	109	107	122
89.0	98	94	98	96	89	100	100	102	101	103	103	102	97	95	102
90.0	83	79	82	81	77	81	82	84	84	85	84	85	82	83	86
91.0	69	69	70	69	69	69	69	71	72	72	71	72	69	71	72
92.0	58	59	59	60	62	61	63	64	64	64	61	64	60	63	64
93.0	52	53	52	55	55	55	57	58	58	57	54	57	54	56	57
94.0	48	49	48	49	50	52	52	53	52	51	49	52	50	50	53
95.0	48	47	47	46	47	50	48	49	49	46	46	47	48	47	51
96.0	47	46	46	45	45	49	46	47	46	44	45	44	47	44	49
97.0	48	45	45	43	42	47	44	45	44	43	45	43	46	41	48
98.0	48	44	44	42	39	41	42	36	42	43	45	42	45	33	43
99.0	40	38	38	40	34	34	37	30	38	41	42	40	40	28	34
100.0	34	35	33	33	31	30	29	27	32	36	37	35	36	26	30
101.0	29	33	32	30	29	28	24	25	29	32	33	32	33	25	27
102.0	26	31	30	28	27	27	22	24	27	30	31	30	30	26	25
103.0	24	29	28	27	26	25	21	22	26	28	28	28	29	27	23
104.0	23	26	26	27	26	24	20	22	25	26	26	27	27	28	22
105.0	23	24	25	27	26	23	20	22	24	25	25	27	25	27	21
106.0	25	24	24	26	25	22	19	23	24	24	23	26	23	26	20
107.0	26	23	23	25	24	20	19	24	23	23	22	25	21	22	19



Test Report Number: 10021186-8
 Test Item Number: 014012

Candela Table (cd)

	150.0	160.0	170.0	180.0	190.0	200.0	210.0	220.0	230.0	240.0	250.0	260.0	270.0	280.0	290.0
54.0	2437	2380	2316	2410	2454	2435	2435	2459	2427	2457	2444	2419	2439	2387	2353
55.0	2449	2415	2318	2437	2474	2429	2427	2460	2420	2464	2432	2444	2451	2412	2371
56.0	2444	2424	2292	2440	2460	2412	2412	2422	2405	2433	2396	2435	2426	2405	2360
57.0	2426	2406	2257	2412	2416	2389	2385	2364	2379	2378	2364	2406	2374	2365	2321
58.0	2398	2362	2225	2361	2355	2356	2344	2298	2339	2313	2328	2356	2311	2302	2260
59.0	2352	2292	2188	2285	2278	2298	2288	2239	2281	2247	2281	2280	2248	2227	2186
60.0	2284	2213	2131	2201	2206	2222	2208	2181	2201	2187	2215	2196	2188	2145	2102
61.0	2192	2132	2059	2121	2140	2127	2112	2113	2106	2122	2132	2109	2129	2067	2019
62.0	2088	2057	1968	2052	2069	2025	2011	2033	2006	2043	2029	2022	2044	1992	1942
63.0	1995	1985	1871	1973	1986	1936	1907	1934	1910	1945	1919	1941	1948	1902	1857
64.0	1906	1902	1772	1882	1889	1850	1814	1821	1817	1831	1810	1846	1835	1802	1761
65.0	1810	1800	1675	1774	1773	1753	1723	1704	1719	1708	1707	1734	1707	1693	1657
66.0	1707	1681	1577	1650	1649	1640	1619	1589	1615	1590	1598	1608	1582	1563	1532
67.0	1587	1556	1477	1525	1526	1516	1503	1476	1495	1480	1482	1475	1459	1429	1401
68.0	1457	1425	1366	1401	1406	1385	1373	1362	1365	1360	1362	1337	1339	1305	1279
69.0	1322	1301	1249	1285	1288	1258	1247	1250	1230	1242	1231	1212	1224	1189	1163
70.0	1195	1186	1124	1169	1174	1142	1122	1133	1107	1123	1102	1100	1107	1076	1047
71.0	1074	1070	999	1055	1058	1020	1004	1007	988	1000	978	988	988	966	946
72.0	964	958	886	940	939	921	899	888	876	879	869	874	869	853	843
73.0	856	843	781	820	822	811	792	773	772	766	758	763	753	738	733
74.0	748	727	680	705	708	700	686	661	663	656	653	652	641	626	622
75.0	634	613	580	593	598	591	574	557	553	550	552	541	535	519	517
76.0	520	504	481	489	495	483	467	460	449	452	450	438	439	423	421
77.0	413	402	383	393	400	387	372	373	361	368	364	356	359	346	344
78.0	332	329	311	325	332	319	306	311	299	308	305	302	304	296	295
79.0	286	286	268	281	287	275	263	268	260	267	265	265	266	261	261
80.0	255	255	238	249	252	243	232	236	232	236	236	237	236	233	233
81.0	229	229	214	221	221	217	207	210	209	211	213	212	210	208	208
82.0	206	204	193	197	196	191	185	187	188	188	188	185	184	183	183
83.0	178	175	166	171	167	164	160	163	161	162	159	154	154	155	155
84.0	150	148	141	146	141	140	138	140	139	140	135	131	132	135	134
85.0	132	130	123	130	125	123	123	122	123	127	122	119	121	124	121
86.0	117	119	112	122	116	115	113	111	116	122	118	117	116	119	117
87.0	119	123	113	128	122	120	109	108	117	123	121	122	119	123	122
88.0	119	117	110	125	118	112	99	98	110	111	112	113	108	109	110
89.0	100	98	94	102	99	97	89	84	92	92	93	92	89	89	90
90.0	86	83	81	85	85	82	77	73	76	76	78	77	76	75	75
91.0	74	70	68	68	71	70	69	65	65	66	68	67	68	65	65
92.0	64	62	59	58	63	62	61	58	57	58	61	60	61	58	57
93.0	57	56	54	54	59	57	55	53	51	52	55	54	56	52	52
94.0	52	53	51	53	57	55	51	50	47	48	49	48	51	47	47
95.0	51	52	50	53	55	52	48	48	45	46	47	45	47	45	46
96.0	49	52	50	52	52	48	45	47	45	45	45	44	45	44	45
97.0	48	50	49	48	45	42	42	46	46	45	42	43	44	44	45
98.0	46	48	45	42	38	36	37	44	45	44	33	42	44	45	44
99.0	36	39	38	37	33	32	33	38	40	37	29	39	40	41	37
100.0	32	33	33	34	31	30	31	34	34	31	28	33	32	35	32
101.0	29	30	30	33	29	29	29	30	31	28	27	31	29	33	31
102.0	27	27	27	31	27	28	27	27	28	25	26	29	27	30	29
103.0	26	25	25	28	26	26	26	24	26	23	25	27	25	27	27
104.0	24	23	23	26	25	26	26	23	25	21	24	25	24	25	25
105.0	24	23	21	23	24	27	27	23	23	19	24	24	24	23	24
106.0	24	23	21	21	24	28	27	23	20	18	24	23	25	22	23
107.0	23	23	21	20	25	28	26	22	17	17	23	22	25	22	22



Test Report Number: 10021186-8
 Test Item Number: 014012

Candela Table (cd)

	300.0	310.0	320.0	330.0	340.0	350.0	360.0
54.0	2335	2277	2255	2257	2211	2236	2214
55.0	2318	2290	2268	2241	2218	2224	2201
56.0	2278	2277	2252	2199	2205	2182	2179
57.0	2238	2236	2204	2152	2172	2134	2151
58.0	2196	2176	2139	2106	2117	2088	2116
59.0	2144	2098	2065	2058	2046	2038	2061
60.0	2084	2017	1986	1995	1962	1984	1990
61.0	2005	1934	1912	1916	1876	1913	1905
62.0	1906	1860	1839	1823	1793	1826	1812
63.0	1803	1782	1757	1720	1712	1726	1722
64.0	1698	1690	1667	1614	1627	1621	1634
65.0	1594	1585	1561	1513	1534	1517	1542
66.0	1490	1469	1444	1415	1431	1416	1446
67.0	1387	1353	1326	1318	1315	1318	1339
68.0	1276	1232	1213	1216	1200	1218	1225
69.0	1158	1120	1109	1107	1091	1113	1108
70.0	1035	1013	1004	995	988	1000	993
71.0	926	917	910	888	893	893	891
72.0	816	812	809	786	799	790	796
73.0	713	711	707	690	703	692	702
74.0	617	608	604	598	604	600	610
75.0	520	505	504	504	505	511	517
76.0	426	413	414	415	414	423	425
77.0	350	341	342	341	340	350	351
78.0	295	291	291	288	289	296	299
79.0	256	256	255	250	254	256	261
80.0	228	227	226	222	228	227	234
81.0	205	203	201	199	205	203	212
82.0	184	179	176	176	180	179	188
83.0	159	151	149	151	153	153	161
84.0	138	130	128	130	129	132	137
85.0	120	116	117	119	115	119	123
86.0	109	108	112	112	109	111	113
87.0	108	107	115	113	112	112	114
88.0	97	99	108	106	106	105	108
89.0	83	83	87	88	91	91	92
90.0	73	72	72	74	75	77	79
91.0	65	64	64	65	65	67	68
92.0	58	56	57	58	58	59	60
93.0	51	50	52	52	52	54	54
94.0	46	46	47	47	48	49	51
95.0	43	42	45	44	46	46	50
96.0	43	41	43	42	45	44	48
97.0	42	34	42	41	43	42	47
98.0	42	29	39	41	41	40	44
99.0	38	27	32	35	34	34	36
100.0	33	27	28	31	30	30	31
101.0	31	28	25	29	28	28	28
102.0	29	28	24	27	26	27	26
103.0	28	28	23	25	25	25	24
104.0	27	27	22	24	24	24	23
105.0	25	25	21	24	24	24	23
106.0	23	23	19	23	24	24	24
107.0	21	20	18	21	24	24	25



Test Report Number: 10021186-8
 Test Item Number: 014012

Candela Table (cd)

	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0
108.0	25	22	22	23	22	19	20	24	23	22	21	24	18	20	18
109.0	23	21	21	21	21	17	19	23	21	21	19	21	16	18	17
110.0	20	20	19	18	18	15	17	21	19	19	17	17	15	16	16
111.0	16	17	16	15	16	14	15	17	15	15	15	15	14	14	15
112.0	14	15	15	13	13	12	13	15	13	13	14	13	14	12	12
113.0	13	14	13	12	12	11	12	13	11	12	14	12	13	11	10
114.0	14	14	13	11	11	10	10	12	11	12	14	12	13	10	10
115.0	15	14	13	11	10	10	9	10	10	12	14	12	13	9	10
116.0	15	15	13	10	10	9	9	9	11	13	14	12	13	9	10
117.0	15	15	13	11	10	10	8	8	11	13	14	12	13	9	10
118.0	13	14	13	11	10	10	8	7	11	13	13	13	13	10	11
119.0	11	13	13	11	10	10	8	7	12	13	13	13	12	10	11
120.0	9	12	12	11	11	11	9	7	12	13	12	12	11	10	11
121.0	8	11	11	11	11	11	9	8	12	12	10	12	10	10	10
122.0	8	10	10	11	11	10	9	8	11	11	9	11	9	10	10
123.0	8	8	9	10	10	10	9	9	11	10	8	10	8	9	9
124.0	9	7	8	10	9	9	9	9	10	8	7	9	7	9	8
125.0	10	6	7	9	8	8	8	9	8	7	6	8	6	8	6
126.0	10	6	6	7	7	6	7	9	7	6	6	7	6	6	5
127.0	9	5	5	6	6	5	6	8	6	5	6	6	6	5	4
128.0	7	5	5	5	5	4	5	7	5	5	6	5	6	4	3
129.0	5	6	5	4	4	3	4	6	4	5	6	5	7	4	3
130.0	4	6	5	3	3	3	3	5	4	5	7	5	7	3	3
131.0	4	7	5	3	3	3	3	4	4	6	7	5	7	3	3
132.0	4	7	6	3	3	3	2	3	5	6	7	6	7	4	4
133.0	5	7	6	4	3	4	3	3	5	6	7	6	7	4	4
134.0	6	6	6	4	4	4	3	2	6	7	7	6	7	5	5
135.0	6	6	6	5	4	5	4	3	6	7	6	7	6	5	6
136.0	5	5	6	5	5	5	4	3	6	6	5	6	5	6	6
137.0	4	4	5	5	5	5	5	4	6	6	4	6	4	6	5
138.0	2	2	4	5	5	5	5	4	6	5	3	5	3	6	5
139.0	1	1	3	5	5	5	5	5	5	4	2	4	2	5	4
140.0	4	1	2	4	4	4	5	5	4	3	1	3	1	4	3
141.0	5	4	1	3	3	3	5	5	3	2	1	2	1	3	2
142.0	3	4	3	2	2	2	3	5	2	1	1	1	4	2	1
143.0	2	4	4	1	1	1	2	4	1	3	1	3	4	1	1
144.0	1	4	4	1	1	2	1	3	3	4	2	4	4	1	3
145.0	3	3	4	3	3	4	1	2	5	4	2	4	3	3	4
146.0	4	2	3	4	4	4	3	1	4	4	3	4	2	4	4
147.0	4	1	2	4	4	4	4	2	4	3	4	3	1	4	3
148.0	2	2	1	4	4	3	4	3	3	2	4	2	2	4	3
149.0	1	3	1	3	3	2	3	4	2	1	4	1	3	3	1
150.0	1	4	2	2	2	1	3	4	1	2	4	1	4	2	1
151.0	2	4	1	1	1	1	2	3	1	3	3	2	4	1	2
152.0	0	3	1	1	1	2	1	3	2	4	2	2	3	1	1
153.0	2	3	3	2	2	1	1	2	0	4	1	0	3	2	1
154.0	4	2	4	1	1	1	2	1	2	3	1	2	2	1	3
155.0	3	1	4	1	1	3	1	1	3	3	2	4	1	1	4
156.0	2	1	3	2	2	4	1	2	4	2	1	4	1	3	3
157.0	1	2	3	0	1	4	3	0	3	1	0	3	2	4	3
158.0	2	1	2	1	1	3	4	1	3	1	2	3	1	3	2
159.0	1	0	1	3	3	3	4	2	2	2	3	2	1	3	2
160.0	1	2	1	4	4	2	3	0	1	1	3	1	2	2	1
161.0	3	3	2	3	3	1	3	2	1	1	3	1	0	2	1



Test Report Number: 10021186-8
 Test Item Number: 014012

Candela Table (cd)

	150.0	160.0	170.0	180.0	190.0	200.0	210.0	220.0	230.0	240.0	250.0	260.0	270.0	280.0	290.0
108.0	21	24	22	20	25	29	25	22	15	16	22	21	25	21	21
109.0	19	24	22	20	25	27	22	20	14	16	21	20	23	20	20
110.0	17	23	22	21	24	22	18	18	13	15	18	17	20	17	18
111.0	15	20	21	21	22	18	15	17	13	13	13	14	16	14	14
112.0	13	17	19	19	19	15	14	16	13	12	11	12	14	14	13
113.0	12	16	18	17	16	14	13	16	13	12	10	11	12	13	12
114.0	11	14	16	16	14	13	12	15	13	12	9	11	11	14	12
115.0	10	12	15	16	13	12	11	14	13	12	9	11	11	14	13
116.0	9	11	14	16	12	12	11	12	13	12	9	11	10	14	13
117.0	9	10	12	16	12	12	11	11	12	12	9	12	10	14	13
118.0	9	9	11	15	12	12	11	9	12	11	10	12	10	13	13
119.0	10	8	10	14	12	13	12	8	11	10	10	12	11	12	13
120.0	10	8	9	12	12	13	12	7	9	9	10	12	11	11	12
121.0	11	8	8	11	12	13	12	7	8	8	10	11	11	10	11
122.0	11	8	8	9	12	12	11	7	7	6	10	10	11	8	10
123.0	10	9	8	8	12	12	10	7	6	5	9	9	11	7	8
124.0	9	9	8	7	12	11	9	7	5	4	8	8	10	6	7
125.0	8	9	9	7	11	10	8	8	5	4	7	7	9	6	6
126.0	7	9	9	7	10	8	7	8	4	4	6	6	8	6	6
127.0	5	9	9	7	9	7	5	8	5	4	5	5	7	6	5
128.0	4	8	9	7	7	6	4	8	5	5	4	5	6	6	5
129.0	3	7	8	7	6	5	4	8	5	6	4	5	5	7	5
130.0	3	5	7	8	5	4	4	7	6	6	4	5	4	7	6
131.0	3	4	6	8	4	4	4	6	6	6	4	6	4	7	6
132.0	3	3	5	7	3	4	4	5	6	6	4	6	3	7	7
133.0	3	2	4	7	3	4	4	4	6	6	5	6	4	7	7
134.0	4	2	3	6	3	4	5	3	5	5	5	7	4	6	7
135.0	4	2	2	5	3	5	5	2	5	5	6	6	5	6	6
136.0	5	2	1	4	3	5	6	1	4	4	6	6	5	5	6
137.0	5	2	1	2	4	5	6	1	3	3	6	5	6	3	5
138.0	5	3	2	2	4	5	5	1	2	2	5	4	6	2	3
139.0	5	3	2	1	5	5	4	2	1	1	4	3	5	2	3
140.0	4	4	3	3	5	4	4	2	3	2	3	2	5	1	2
141.0	3	4	3	5	4	3	3	3	5	4	2	1	4	1	1
142.0	2	4	4	4	4	2	2	4	4	5	1	2	3	1	3
143.0	1	4	4	4	3	1	1	4	4	4	1	4	2	2	5
144.0	1	4	4	3	2	1	3	4	3	3	3	4	1	2	4
145.0	3	3	4	2	1	3	4	4	2	2	4	4	3	3	4
146.0	4	2	3	1	1	4	4	3	1	1	4	3	4	3	3
147.0	4	1	2	2	3	4	4	3	1	1	3	2	4	4	2
148.0	4	1	1	3	4	4	3	2	2	3	3	1	4	4	1
149.0	3	2	1	4	4	3	2	1	3	3	2	1	3	4	1
150.0	2	1	2	4	3	2	1	1	4	4	1	2	2	3	2
151.0	1	1	1	3	3	1	1	2	3	3	1	1	1	2	0
152.0	1	3	0	3	2	1	2	0	3	3	2	0	1	2	2
153.0	2	4	1	2	1	2	1	1	2	2	0	2	2	1	3
154.0	1	3	1	1	1	1	1	1	2	1	1	3	1	1	4
155.0	0	3	0	2	2	0	1	0	1	1	3	3	1	2	3
156.0	1	2	2	1	1	1	1	2	1	2	3	3	2	0	3
157.0	1	1	4	0	0	1	1	3	2	1	3	2	0	1	2
158.0	0	1	3	1	1	0	3	3	0	1	3	1	1	1	1
159.0	2	2	3	1	1	2	3	3	1	1	2	1	3	0	1
160.0	4	1	2	0	0	3	3	2	2	1	1	2	3	2	2
161.0	3	1	1	2	2	3	2	1	0	1	1	1	3	3	1



Test Report Number: 10021186-8
 Test Item Number: 014012

Candela Table (cd)

	300.0	310.0	320.0	330.0	340.0	350.0	360.0
108.0	19	17	17	19	23	24	25
109.0	17	15	16	16	22	22	24
110.0	15	13	14	14	20	21	23
111.0	13	12	12	13	17	18	20
112.0	12	11	11	11	14	15	17
113.0	12	11	10	10	12	14	15
114.0	12	11	10	10	11	12	14
115.0	12	11	10	10	10	12	12
116.0	13	11	11	10	10	11	11
117.0	13	11	11	10	10	11	11
118.0	13	11	11	11	10	11	10
119.0	12	11	11	11	10	11	10
120.0	12	11	11	11	11	12	11
121.0	11	10	10	11	11	12	11
122.0	10	9	9	10	11	11	11
123.0	9	8	8	9	10	11	11
124.0	7	6	7	8	9	10	11
125.0	6	6	6	7	8	9	10
126.0	6	5	5	6	7	8	10
127.0	5	5	4	5	6	7	9
128.0	5	4	3	4	5	5	8
129.0	5	5	3	3	4	4	6
130.0	6	5	4	3	3	4	5
131.0	6	6	4	3	3	3	4
132.0	7	6	5	4	3	3	3
133.0	7	7	6	4	3	4	3
134.0	7	7	6	5	4	4	3
135.0	6	6	6	5	4	5	3
136.0	6	6	6	5	5	5	4
137.0	5	5	5	5	5	5	4
138.0	4	4	4	5	5	5	5
139.0	3	3	3	4	5	5	5
140.0	2	2	2	3	4	5	5
141.0	1	1	1	2	3	4	4
142.0	3	2	2	1	2	2	4
143.0	5	4	4	1	2	2	3
144.0	4	4	4	3	1	1	2
145.0	4	4	4	4	2	2	1
146.0	3	3	3	4	4	4	1
147.0	2	2	3	4	4	4	3
148.0	1	1	2	3	4	4	4
149.0	1	2	1	2	3	3	4
150.0	2	2	1	1	2	2	3
151.0	0	0	2	1	1	1	3
152.0	2	2	0	2	1	1	2
153.0	3	3	2	1	1	2	1
154.0	3	4	3	0	1	1	1
155.0	3	3	3	2	0	0	2
156.0	3	3	3	3	1	1	1
157.0	2	2	3	3	1	1	0
158.0	1	1	2	3	0	0	1
159.0	1	1	1	3	2	2	1
160.0	2	2	1	2	3	3	0
161.0	0	1	2	1	3	3	2



Test Report Number: 10021186-8
 Test Item Number: 014012

Candela Table (cd)

	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0
162.0	3	4	0	3	3	1	2	4	2	2	3	2	1	1	2
163.0	2	3	1	2	2	2	1	3	1	0	2	0	3	1	0
164.0	1	3	2	1	1	0	1	3	1	1	1	1	3	2	1
165.0	1	2	0	1	1	2	2	2	2	3	1	2	3	0	1
166.0	1	1	2	2	2	3	0	2	0	3	2	0	3	1	0
167.0	0	1	3	0	1	4	1	1	1	3	1	2	2	1	2
168.0	2	2	3	1	1	3	2	1	3	2	1	4	1	0	4
169.0	4	0	3	2	2	3	0	2	3	1	2	3	1	2	3
170.0	3	1	2	0	0	2	2	0	3	1	0	3	2	4	3
171.0	2	1	1	2	1	1	4	1	2	2	1	2	0	3	2
172.0	1	0	1	3	3	1	3	1	1	1	3	2	1	3	1
173.0	2	2	2	3	4	2	3	0	1	0	4	1	2	2	1
174.0	1	4	1	3	3	1	2	2	2	1	3	1	0	2	2
175.0	1	4	1	2	3	1	1	4	1	1	3	2	2	1	1
176.0	3	3	2	1	2	2	1	3	0	0	2	0	3	1	0
177.0	3	3	0	1	1	1	2	3	2	2	1	2	4	2	1
178.0	3	2	1	2	1	1	1	2	4	4	1	3	3	0	1
179.0	1	1	3	1	2	3	1	1	4	3	2	4	2	1	0
180.0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2



Test Report Number: 10021186-8
 Test Item Number: 014012

Candela Table (cd)

	150.0	160.0	170.0	180.0	190.0	200.0	210.0	220.0	230.0	240.0	250.0	260.0	270.0	280.0	290.0
162.0	3	2	1	3	3	3	2	1	2	3	2	1	2	3	1
163.0	2	1	2	3	3	2	1	2	3	3	1	2	2	3	2
164.0	1	1	1	3	3	1	1	1	3	3	1	0	1	2	1
165.0	1	3	0	2	2	1	2	0	3	2	2	1	1	1	1
166.0	2	4	1	1	1	2	0	1	2	1	0	3	1	1	3
167.0	1	3	1	1	1	1	1	1	2	1	1	3	0	2	3
168.0	1	3	0	1	2	1	2	0	1	1	3	3	1	0	3
169.0	2	2	3	2	1	2	0	2	1	2	3	2	1	1	3
170.0	1	1	4	0	1	1	2	3	1	0	3	2	0	2	2
171.0	1	1	3	1	2	1	3	3	0	1	3	1	2	0	1
172.0	3	2	3	2	1	3	3	3	1	1	2	1	4	2	1
173.0	3	1	2	0	1	3	3	2	1	0	1	2	3	3	2
174.0	3	0	1	2	3	3	2	1	0	2	1	1	3	4	1
175.0	3	2	1	4	4	3	2	1	2	3	2	1	2	3	1
176.0	2	4	1	3	3	2	1	1	3	3	0	2	2	3	2
177.0	1	4	2	3	3	1	1	2	3	3	1	0	1	2	0
178.0	1	3	0	2	2	1	2	0	3	2	2	2	1	1	1
179.0	2	3	2	2	1	2	0	1	2	1	0	3	2	1	3
180.0	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2



Test Report Number: 10021186-8
Test Item Number: 014012

Candela Table (cd)

	300.0	310.0	320.0	330.0	340.0	350.0	360.0
162.0	1	1	1	1	3	2	3
163.0	2	1	1	2	2	2	3
164.0	0	0	2	0	1	1	2
165.0	2	1	0	1	1	1	2
166.0	3	3	1	2	2	1	1
167.0	3	3	3	0	1	0	1
168.0	3	3	3	2	1	1	2
169.0	2	2	3	3	2	1	0
170.0	1	1	3	3	1	0	1
171.0	1	1	2	3	0	2	2
172.0	1	1	1	2	3	4	0
173.0	1	1	1	2	4	3	2
174.0	0	0	2	1	3	3	4
175.0	2	2	1	1	3	2	3
176.0	3	3	1	2	2	1	3
177.0	4	4	3	1	1	1	2
178.0	3	3	4	1	1	2	2
179.0	3	3	3	3	2	1	1
180.0	2	2	2	2	2	2	2