





Project No: 10021186
Report No: 10021186-7
Issued Date: 2013-JUL-04
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 150W E40 T
Product Description:	HPST outdoor luminaire
Model Number(s):	URBAN ARREDO SON 150W E40 T
Electrical Ratings:	230Vac 50Hz
Ballast:	TCI O150 HI/HS TAB 183045
Lamp:	OSRAM VIALOX NAV-T SUPE4Y 150W
Test Sample(s) Received Date:	2013-JUN-21
Test Period:	2013-JUL-02 to 2013-JUL-03
The Sample(s) is(are) tested in accordance with the following:	
UNI EN 13032-1:2012	

Prepared By	Approved By
Giovanni Di Martino 	Walter Parmiani 
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



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Statement of Results

Test Flow	Test Method	Sample ID	Test Result
1.	Goniophotometer	014013-S001	Evaluated by Customer

Measurement Uncertainty

N/A

Deviation from Test Method (if any)

N/A

Remarks (if any)

N/A



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Test No. 1: Goniophotometer

Sample ID / Test Round Number

014013-S001 / 1

Environmental Conditions

Ambient Temperature
25 °C

Test Equipment

Local ID	Description	Model	Last cal	Next cal
BURVS0074	Goniophotometer system	LSI 6440T	03/jun/2013	By evidence
BURVS0078	AC PSU	ELGAR CW 1251	Reference only	Reference only
BURVS0077	Digital power meter	Yokogawa WT210	12/jul/2012	12/jul/2013
BURVS0079	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
230.17 V	0.71 A	149.68 W	0.92



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Test Results

Result Name	Result
Test Date	2013-JUL-02 05:00:00 PM
Current THD	23.8 %
Luminous Flux	7404.8 lm
Luminous Efficacy	49.5 lm/W
Luminous Opening Length	600.0 mm
Luminous Opening Width	0.0 mm
Luminous Opening Height	400.0 mm
LOR	53.43%



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Photo of Sample(s)

Sample



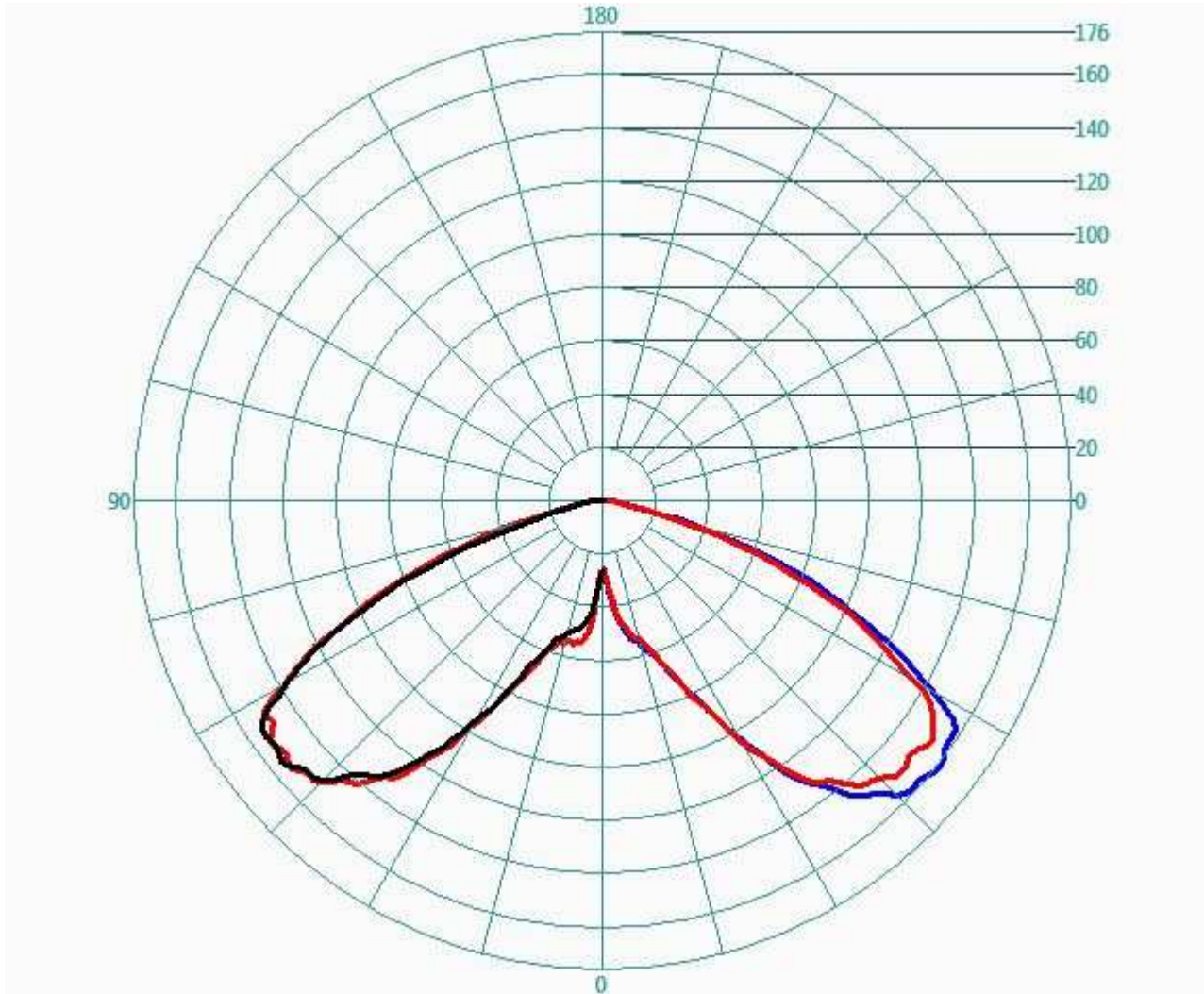
Goniophotometer set-up





Verification Services Test Report

Polar diagram (cd/Klm)

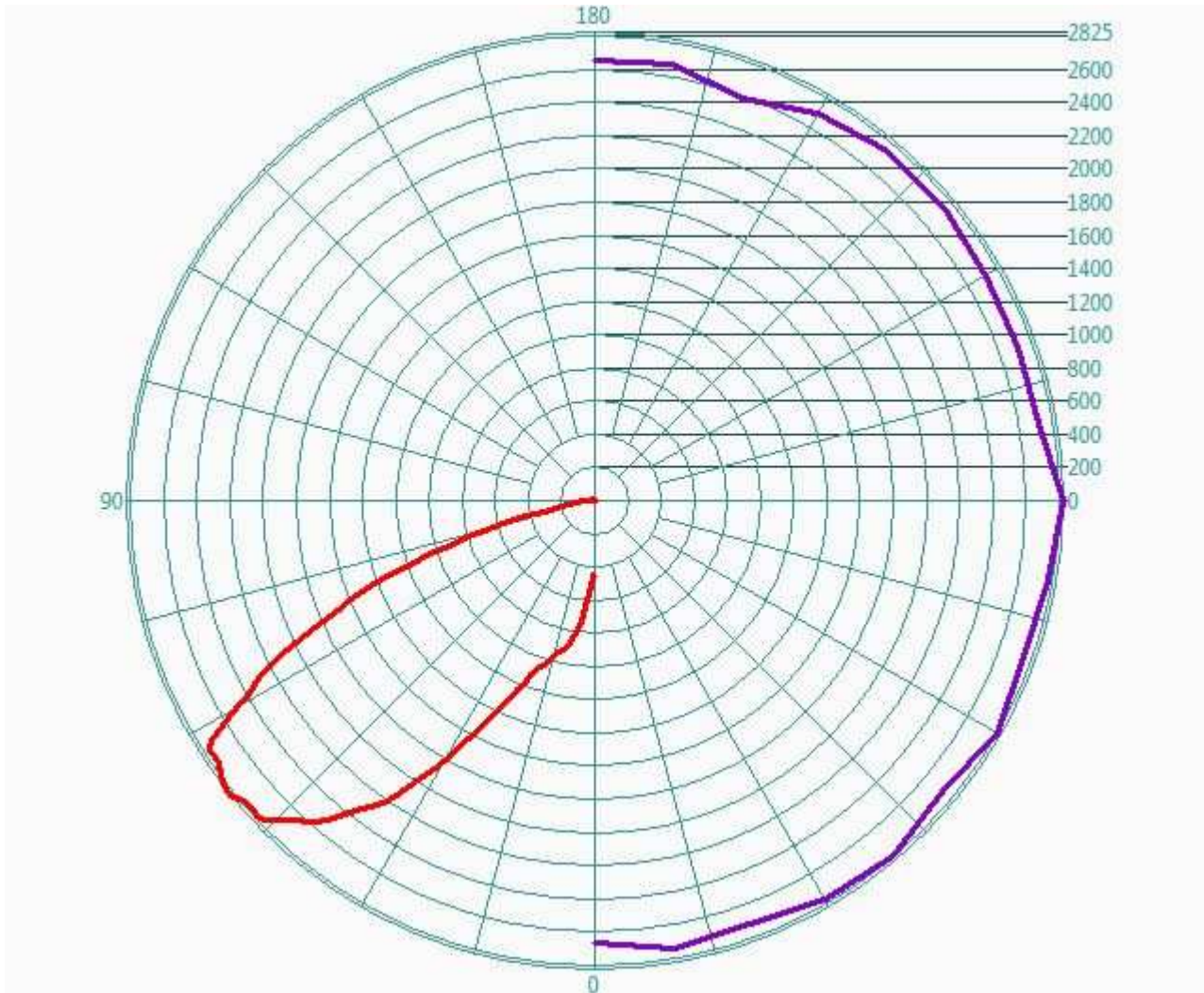




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Max cone and plane (cd)





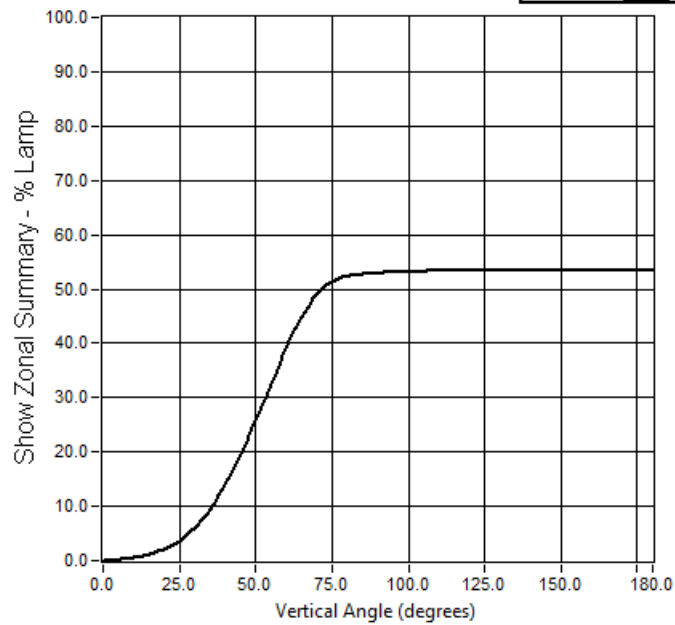
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Zonal Lumen Summary

	Summary Zonal Lumens	Zonal Lumens - % Lamp	Zonal Lumens - % Fixture
0 to 30	1004.00	5.74	10.74
0 to 40	2359.69	13.48	25.24
0 to 60	6721.97	38.41	71.89
0 to 90	9255.09	52.89	98.98
40 to 90	6895.40	39.40	73.75
60 to 90	2533.12	14.47	27.09
90 to 180	95.04	0.54	1.02
0 to 180	9350.13	53.43	100.00

Zonal Flux Graph

Plot 0



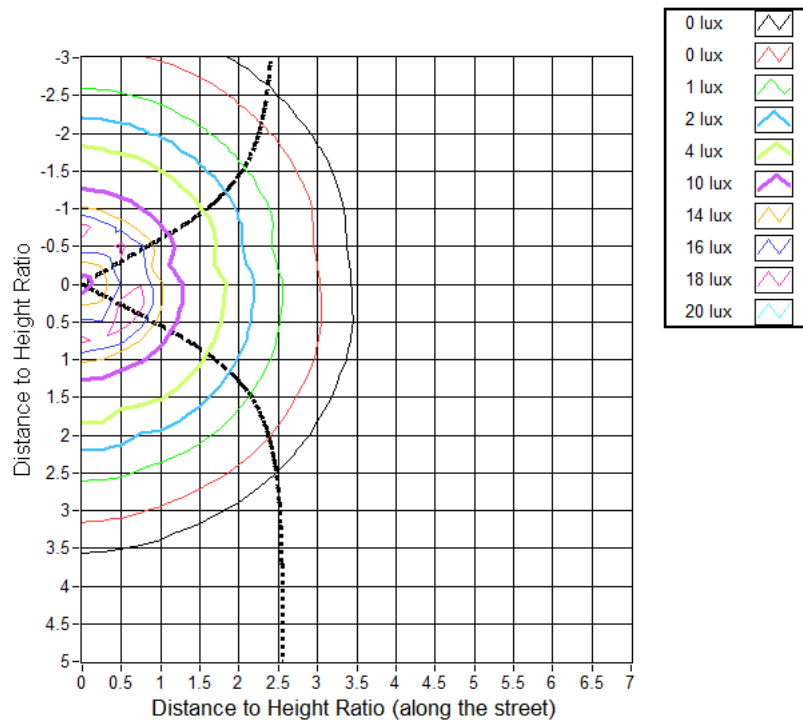


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Isolluminance Merged Chart

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 (%)
4705.24	26.89	505.45	2.89	2914.37	16.65	1231.68	7.04	53.74	0.31

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 (%)
4549.80	26.00	498.59	2.85	2803.64	16.02	1192.98	6.82	54.58	0.31



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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	90.00
0.00	458.6	458.6	458.6	458.6	458.6	458.5	458.7	458.0	460.7	450.5	458.6
5.00	780.4	779.8	753.6	724.4	711.6	675.8	664.6	654.7	632.6	617.9	631.7
10.00	936.7	942.4	938.2	943.0	944.9	928.2	929.9	905.3	891.6	861.0	869.1
15.00	970.2	962.8	964.1	990.6	998.7	1010.9	1020.8	1001.6	1004.6	968.4	977.1
20.00	1051.1	1043.5	1052.4	1073.3	1096.0	1139.3	1143.5	1129.7	1137.5	1101.6	1117.9
25.00	1328.3	1322.1	1328.0	1368.0	1387.3	1442.1	1461.8	1427.4	1427.4	1382.9	1409.0
30.00	1705.2	1713.5	1708.5	1739.4	1791.9	1836.2	1841.3	1808.7	1845.6	1793.1	1812.2
35.00	2137.8	2169.1	2118.6	2127.8	2274.0	2315.8	2281.4	2229.9	2263.3	2204.7	2232.0
40.00	2409.6	2452.0	2428.3	2459.6	2561.1	2560.7	2579.6	2532.0	2549.1	2493.4	2520.8
45.00	2620.2	2650.3	2642.7	2682.0	2736.4	2698.9	2751.4	2718.6	2737.1	2702.8	2729.9
50.00	2696.4	2711.0	2732.4	2755.0	2762.2	2765.3	2812.7	2770.0	2794.6	2766.8	2799.6
52.00	2663.3	2746.5	2775.8	2736.1	2757.5	2825.5	2712.5	2755.0	2693.2	2669.0	2825.5
55.00	2644.6	2672.5	2729.8	2733.5	2720.2	2746.1	2761.9	2742.9	2781.5	2728.4	2765.4
60.00	2413.2	2426.0	2478.8	2491.2	2478.4	2520.5	2521.4	2511.3	2528.6	2458.8	2502.3
65.00	1840.9	1836.9	1848.0	1863.0	1893.7	1932.7	1931.4	1932.0	1934.8	1886.7	1926.0
70.00	1197.5	1195.5	1157.2	1169.8	1263.5	1298.4	1304.1	1318.3	1323.7	1301.7	1333.2
75.00	539.2	565.6	496.6	499.5	616.2	621.8	651.8	650.6	657.5	650.7	658.2
80.00	174.9	179.4	183.4	185.5	188.8	191.9	196.5	194.1	194.6	194.0	198.3
85.00	91.4	92.8	94.4	95.6	95.8	97.2	99.7	98.0	98.2	96.4	97.8
90.00	61.6	61.6	61.6	61.7	61.1	62.2	63.9	63.3	62.2	60.5	61.9

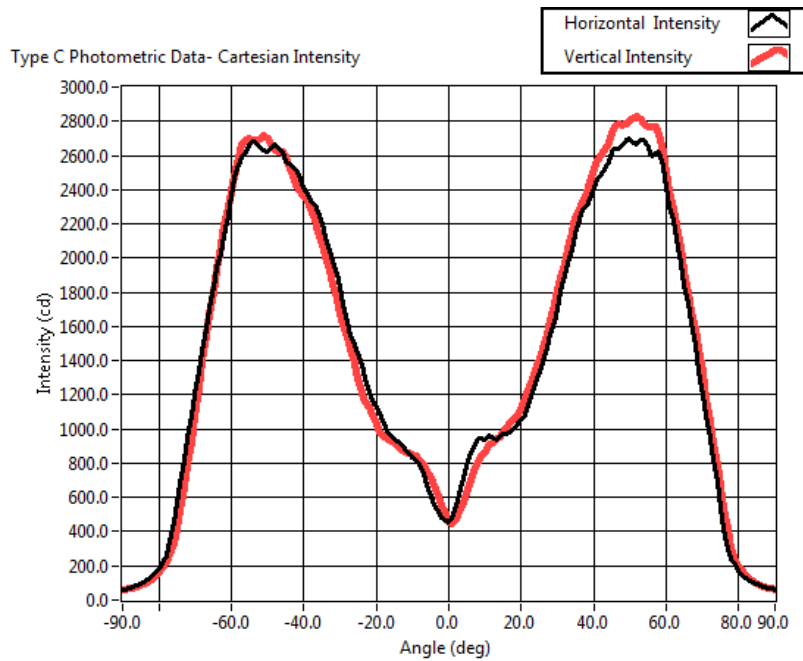
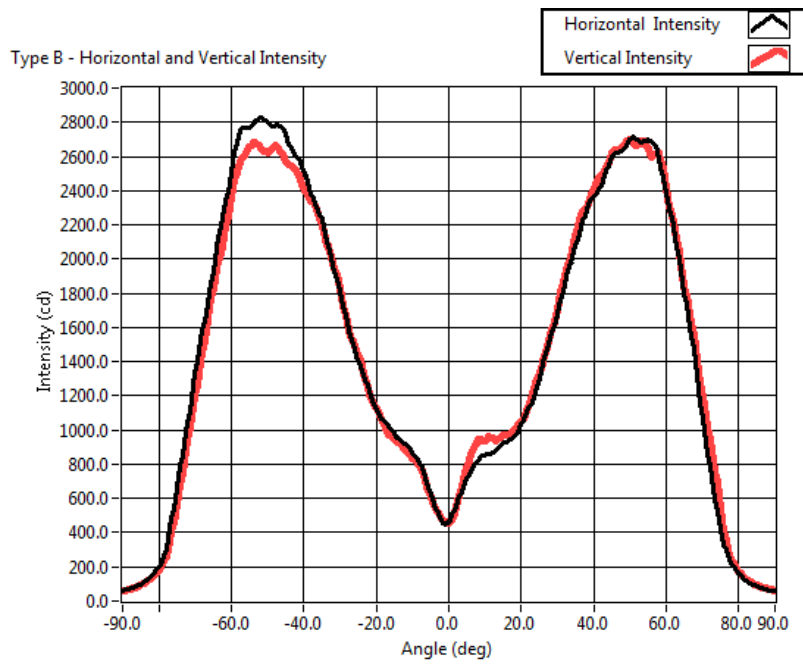
Luminous Intensity Values - House Side

0	90.00	95.00	105.00	115.00	125.00	135.00	145.00	155.00	165.00	175.00	180.00
0.00	458.6	458.6	458.6	458.6	458.6	458.5	458.6	458.3	459.7	454.5	458.6
5.00	631.7	622.6	615.8	619.8	610.6	614.5	615.4	605.9	617.9	609.8	611.6
10.00	869.1	858.1	854.6	851.7	834.6	841.0	836.2	830.4	846.9	833.0	836.4
15.00	977.1	969.5	969.3	959.4	951.5	957.6	942.4	939.7	946.5	933.8	942.3
20.00	1117.9	1118.7	1128.8	1118.9	1121.1	1107.5	1092.0	1115.9	1115.1	1112.2	1129.5
25.00	1409.0	1422.9	1415.3	1413.2	1438.2	1376.1	1369.5	1388.4	1407.2	1431.2	1442.1
30.00	1812.2	1853.8	1829.6	1804.4	1874.3	1737.5	1719.5	1762.4	1760.4	1810.4	1827.7
35.00	2232.0	2269.1	2236.5	2244.8	2297.3	2128.7	2122.1	2129.6	2129.8	2184.0	2198.4
40.00	2520.8	2509.9	2486.5	2521.7	2519.1	2450.6	2433.8	2356.9	2407.3	2423.7	2416.4
45.00	2729.9	2684.3	2651.8	2680.5	2661.2	2674.2	2640.7	2535.8	2579.3	2570.0	2573.5
50.00	2799.6	2745.5	2719.3	2728.0	2723.2	2741.1	2698.1	2636.1	2637.4	2610.7	2625.6
52.00	2825.5	2713.2	2717.0	2748.6	2584.1	2650.3	0.0	0.0	0.0	0.0	0.0
55.00	2765.4	2724.8	2691.2	2704.7	2752.7	2735.3	2692.1	2638.6	2608.2	2625.5	2654.0
60.00	2502.3	2461.4	2415.2	2431.9	2483.7	2430.8	2392.7	2333.3	2307.7	2346.2	2364.5
65.00	1926.0	1898.0	1870.6	1893.1	1903.9	1838.1	1806.1	1775.0	1794.9	1824.4	1833.0
70.00	1333.2	1308.3	1287.3	1284.4	1282.7	1180.8	1146.0	1186.6	1199.7	1201.1	1199.5
75.00	658.2	645.9	641.0	635.3	635.3	524.3	504.7	588.3	593.8	576.6	565.6
80.00	198.3	197.0	198.2	198.6	193.4	192.8	188.8	185.6	187.4	180.3	180.2
85.00	97.8	97.7	99.0	98.8	96.5	96.7	95.8	95.5	95.7	92.8	93.3
90.00	61.9	62.7	63.2	61.8	60.7	59.8	60.0	59.9	59.2	59.0	59.7



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Cartesian Intensity





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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	459	459	459	459	459	459	459	459	459	459	459	459	459	459	459
1.0	475	473	470	458	458	451	447	451	442	444	449	442	447	448	447
2.0	546	527	524	510	498	494	483	483	479	469	474	470	465	473	466
3.0	621	603	593	582	553	547	538	524	527	515	513	515	503	513	509
4.0	710	691	659	653	622	604	600	575	575	571	557	568	555	559	564
5.0	780	774	732	721	695	664	666	640	626	632	616	619	617	608	620
6.0	855	844	810	782	768	732	727	711	687	694	684	672	677	661	668
7.0	895	891	880	841	836	809	791	784	760	755	748	727	730	721	713
8.0	943	915	921	894	882	873	847	842	831	808	804	786	774	783	767
9.0	946	933	928	928	905	908	895	871	867	839	831	829	807	814	808
10.0	937	945	934	951	933	929	924	891	886	869	851	858	841	835	843
11.0	959	953	936	953	958	939	940	917	901	901	876	878	876	857	867
12.0	954	949	951	955	980	958	949	950	921	923	906	890	902	884	883
13.0	941	943	965	960	988	985	962	976	946	937	936	913	920	914	898
14.0	951	946	973	978	994	1006	982	988	975	951	952	942	933	941	921
15.0	970	958	977	999	1000	1022	1012	998	998	977	965	971	949	959	950
16.0	971	976	975	1010	1020	1033	1042	1015	1013	1010	987	994	980	970	980
17.0	977	988	985	1015	1046	1043	1059	1039	1022	1038	1012	1007	1011	987	998
18.0	1000	998	1008	1020	1070	1065	1066	1068	1038	1056	1045	1026	1040	1021	1013
19.0	1028	1008	1031	1035	1090	1099	1085	1099	1075	1079	1083	1072	1070	1075	1047
20.0	1051	1041	1067	1079	1119	1149	1133	1133	1128	1118	1121	1130	1111	1127	1088
21.0	1083	1095	1109	1141	1163	1192	1192	1176	1172	1181	1171	1187	1169	1163	1146
22.0	1137	1153	1147	1202	1216	1232	1261	1218	1212	1233	1214	1218	1239	1203	1202
23.0	1210	1205	1194	1255	1294	1302	1319	1292	1278	1291	1288	1272	1318	1271	1254
24.0	1274	1260	1260	1310	1358	1385	1375	1367	1341	1350	1360	1327	1380	1343	1300
25.0	1328	1319	1346	1383	1402	1473	1436	1430	1410	1409	1429	1403	1432	1419	1349
26.0	1395	1385	1425	1461	1446	1549	1516	1488	1486	1468	1495	1489	1489	1489	1411
27.0	1479	1474	1489	1549	1508	1613	1607	1551	1573	1543	1574	1567	1565	1560	1487
28.0	1560	1563	1549	1627	1596	1669	1680	1630	1660	1631	1660	1639	1662	1639	1560
29.0	1625	1645	1626	1697	1704	1744	1744	1724	1746	1729	1765	1705	1764	1737	1617
30.0	1705	1717	1710	1775	1807	1855	1817	1821	1841	1812	1873	1785	1852	1837	1672
31.0	1809	1805	1791	1861	1891	1961	1902	1901	1939	1883	1956	1870	1930	1935	1743
32.0	1903	1905	1853	1959	1974	2053	1997	1972	2047	1963	2027	1966	2012	2010	1823
33.0	1970	2013	1912	2061	2086	2143	2090	2042	2130	2057	2096	2060	2109	2076	1916
34.0	2042	2106	1985	2144	2201	2230	2181	2135	2200	2149	2184	2137	2213	2148	2005
35.0	2138	2176	2076	2218	2301	2311	2247	2238	2259	2232	2284	2200	2304	2228	2076
36.0	2230	2242	2172	2281	2374	2395	2312	2334	2338	2283	2369	2269	2369	2311	2133
37.0	2280	2307	2253	2348	2416	2474	2384	2395	2424	2330	2423	2338	2410	2380	2195
38.0	2302	2370	2315	2423	2449	2530	2462	2430	2494	2382	2445	2416	2440	2423	2283
39.0	2347	2429	2357	2489	2497	2561	2529	2469	2537	2450	2464	2470	2489	2446	2370
40.0	2410	2471	2400	2539	2554	2575	2565	2519	2555	2521	2498	2491	2542	2478	2439
41.0	2462	2497	2463	2569	2610	2599	2585	2582	2585	2569	2550	2503	2586	2531	2489
42.0	2494	2525	2536	2604	2639	2647	2615	2640	2632	2604	2596	2535	2611	2598	2522
43.0	2516	2567	2591	2648	2649	2695	2661	2668	2694	2629	2622	2589	2625	2635	2562
44.0	2563	2624	2621	2696	2672	2717	2716	2677	2746	2672	2636	2643	2642	2646	2620
45.0	2620	2666	2632	2736	2710	2715	2763	2690	2765	2730	2650	2670	2676	2656	2680
46.0	2638	2682	2645	2753	2751	2714	2781	2725	2761	2767	2684	2675	2710	2684	2709
47.0	2638	2680	2680	2742	2776	2722	2773	2761	2762	2785	2720	2668	2730	2726	2703
48.0	2657	2676	2716	2726	2776	2753	2768	2777	2784	2779	2736	2686	2731	2756	2699
49.0	2692	2696	2736	2735	2762	2782	2787	2765	2815	2782	2731	2719	2732	2754	2705
50.0	2696	2724	2741	2764	2758	2786	2814	2747	2823	2800	2708	2740	2712	2742	2724
51.0	2671	2749	2726	2789	2779	2765	2822	2747	2804	2822	2700	2739	2705	2742	2743
52.0	2663	2747	2718	2776	2799	2736	2804	2758	2773	2825	2713	2713	2717	2755	2749
53.0	2689	2721	2731	2746	2795	2730	2778	2774	2759	2814	2726	2689	2738	2780	2734



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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	459	459	459	459	459	459	459	459	459	459	459	459	459	459	459
1.0	455	451	456	465	461	473	478	478	492	490	496	510	505	517	519
2.0	472	474	470	483	482	487	504	502	514	526	529	556	554	563	580
3.0	506	516	511	515	524	520	541	543	549	574	575	598	612	615	636
4.0	552	562	564	560	575	571	584	598	598	623	634	645	668	671	693
5.0	608	610	619	612	624	630	633	655	660	676	692	695	715	730	746
6.0	669	661	672	674	675	687	693	701	721	725	742	751	755	783	799
7.0	725	716	721	739	735	745	756	754	778	783	788	801	791	815	839
8.0	772	774	768	787	786	784	801	794	812	831	821	834	820	829	856
9.0	801	814	807	815	824	807	828	830	835	864	850	849	842	835	867
10.0	829	839	846	836	851	841	843	860	856	883	877	853	855	846	867
11.0	860	854	870	858	866	870	859	879	887	893	898	863	858	863	878
12.0	889	873	881	885	876	890	879	888	903	908	910	885	864	880	897
13.0	911	897	892	911	895	901	904	901	927	930	916	908	878	889	918
14.0	926	922	912	931	920	911	927	922	949	955	928	924	899	893	932
15.0	938	944	943	942	951	929	942	950	963	973	952	929	918	906	937
16.0	952	958	976	960	979	960	953	974	976	983	973	937	932	931	942
17.0	980	973	1001	989	998	993	971	994	995	996	989	950	942	961	963
18.0	1023	1006	1032	1035	1019	1022	1003	1009	1024	1016	1001	973	953	986	991
19.0	1069	1056	1066	1090	1057	1056	1052	1042	1071	1058	1019	998	982	1002	1022
20.0	1108	1117	1112	1130	1110	1100	1097	1092	1121	1106	1053	1020	1029	1028	1058
21.0	1147	1167	1185	1168	1169	1147	1140	1154	1163	1150	1107	1046	1082	1074	1098
22.0	1194	1203	1246	1212	1214	1208	1184	1205	1201	1196	1176	1072	1122	1140	1154
23.0	1261	1232	1319	1298	1272	1274	1226	1231	1255	1231	1212	1115	1164	1213	1222
24.0	1324	1308	1380	1374	1321	1323	1302	1294	1321	1319	1268	1167	1214	1294	1315
25.0	1396	1380	1435	1442	1371	1366	1358	1345	1384	1391	1321	1209	1296	1369	1390
26.0	1456	1454	1504	1493	1436	1417	1416	1415	1452	1464	1390	1230	1386	1451	1459
27.0	1519	1524	1582	1551	1513	1488	1468	1497	1518	1537	1468	1285	1468	1552	1523
28.0	1597	1586	1666	1626	1591	1568	1535	1573	1584	1601	1539	1330	1539	1655	1609
29.0	1689	1648	1745	1725	1648	1650	1614	1638	1668	1680	1614	1383	1609	1748	1714
30.0	1782	1729	1806	1828	1710	1711	1709	1704	1766	1784	1675	1444	1679	1835	1822
31.0	1862	1821	1863	1912	1789	1770	1801	1778	1862	1888	1753	1488	1760	1901	1921
32.0	1935	1911	1933	1981	1885	1836	1877	1865	1945	1972	1848	1527	1849	1971	2004
33.0	2002	1983	2031	2047	1977	1915	1935	1955	2023	2046	1949	1563	1935	2069	2083
34.0	2081	2036	2121	2120	2040	1997	1987	2025	2102	2109	2044	1611	2012	2177	2184
35.0	2170	2087	2187	2198	2082	2068	2057	2072	2188	2175	2106	1672	2079	2260	2291
36.0	2250	2156	2240	2271	2131	2122	2135	2106	2271	2248	2157	1726	2149	2308	2383
37.0	2303	2234	2288	2315	2198	2165	2199	2151	2331	2314	2215	1762	2224	2339	2436
38.0	2329	2290	2349	2340	2269	2211	2238	2203	2359	2359	2283	1777	2285	2367	2453
39.0	2363	2321	2413	2370	2322	2271	2259	2254	2386	2382	2341	1787	2335	2417	2466
40.0	2410	2340	2462	2416	2350	2334	2295	2296	2417	2404	2375	1822	2362	2473	2506
41.0	2473	2378	2486	2468	2377	2389	2352	2326	2472	2451	2398	1867	2389	2524	2568
42.0	2520	2438	2495	2515	2412	2421	2420	2357	2527	2523	2427	1912	2424	2547	2627
43.0	2542	2494	2513	2539	2464	2439	2466	2404	2563	2582	2470	1941	2485	2574	2657
44.0	2554	2528	2555	2552	2519	2466	2487	2464	2583	2621	2527	1949	2545	2620	2667
45.0	2580	2533	2607	2574	2558	2505	2491	2515	2596	2642	2573	1955	2594	2678	2682
46.0	2620	2532	2634	2612	2568	2540	2499	2540	2616	2652	2592	1973	2618	2717	2720
47.0	2657	2549	2635	2652	2559	2551	2527	2539	2659	2671	2584	2005	2625	2725	2764
48.0	2674	2581	2622	2661	2561	2543	2557	2537	2686	2706	2582	2029	2631	2716	2786
49.0	2671	2613	2622	2643	2587	2533	2572	2554	2688	2740	2601	2025	2665	2716	2779
50.0	2667	2623	2641	2626	2616	2533	2567	2581	2672	2738	2632	2011	2699	2739	2760
51.0	2672	2607	2664	2629	2625	2554	2553	2598	2645	2714	2651	2002	2713	2762	2763
52.0	2693	2584	2669	2650	2607	2574	2553	2584	2636	2691	2646	2013	2697	2756	2783
53.0	2715	2579	2660	2677	2582	2578	2573	2567	2650	2683	2621	2027	2683	2726	2803



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Candela Table (cd)

	300.0	310.0	320.0	330.0	340.0	350.0	360.0
0.0	459	459	459	459	459	459	459
1.0	508	520	508	503	508	485	491
2.0	567	576	577	563	574	554	548
3.0	638	637	652	639	646	641	620
4.0	710	706	723	728	722	726	709
5.0	770	785	795	818	817	810	801
6.0	820	849	859	886	894	886	869
7.0	849	883	894	915	942	918	925
8.0	871	896	912	921	954	947	930
9.0	899	904	920	929	946	957	939
10.0	917	922	930	945	946	961	946
11.0	929	942	925	947	950	955	955
12.0	935	961	930	942	964	946	961
13.0	937	969	951	940	968	950	953
14.0	950	973	979	946	966	959	949
15.0	969	981	997	963	965	978	957
16.0	994	1000	1004	983	971	989	976
17.0	1011	1024	1008	998	992	993	999
18.0	1020	1041	1020	1007	1008	999	1015
19.0	1026	1052	1046	1020	1020	1015	1027
20.0	1060	1076	1087	1051	1045	1051	1049
21.0	1120	1116	1135	1106	1088	1107	1091
22.0	1189	1176	1178	1167	1148	1167	1153
23.0	1254	1229	1223	1216	1211	1202	1214
24.0	1312	1301	1299	1278	1287	1256	1282
25.0	1375	1358	1374	1318	1346	1335	1338
26.0	1455	1423	1452	1311	1408	1423	1393
27.0	1550	1510	1533	1261	1471	1507	1460
28.0	1645	1616	1603	1286	1559	1593	1545
29.0	1742	1722	1677	1423	1654	1675	1637
30.0	1828	1812	1765	1582	1742	1747	1720
31.0	1913	1885	1861	1741	1814	1836	1792
32.0	2016	1961	1953	1884	1871	1933	1871
33.0	2126	2054	2030	2010	1942	2021	1962
34.0	2234	2163	2105	2119	2017	2097	2068
35.0	2308	2252	2181	2212	2111	2161	2166
36.0	2363	2310	2269	2278	2190	2227	2235
37.0	2406	2346	2351	2333	2235	2295	2272
38.0	2455	2387	2412	2393	2262	2361	2305
39.0	2511	2440	2453	2454	2304	2418	2354
40.0	2562	2507	2482	2501	2375	2453	2413
41.0	2598	2572	2523	2527	2448	2480	2469
42.0	2615	2600	2580	2541	2486	2511	2510
43.0	2637	2611	2632	2572	2507	2561	2526
44.0	2678	2642	2664	2616	2522	2621	2546
45.0	2733	2695	2666	2650	2540	2661	2591
46.0	2766	2736	2658	2657	2563	2669	2642
47.0	2763	2735	2668	2645	2582	2664	2674
48.0	2754	2722	2699	2641	2570	2672	2675
49.0	2748	2716	2728	2661	2541	2693	2661
50.0	2767	2737	2733	2689	2533	2716	2661
51.0	2787	2762	2723	2699	2538	2720	2675
52.0	2792	2770	2705	2690	2522	2705	2699
53.0	2772	2745	2699	2665	2465	2680	2705



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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	2693	2704	2748	2727	2773	2745	2754	2772	2773	2782	2722	2691	2741	2792	2708
55.0	2645	2701	2744	2719	2733	2756	2757	2746	2787	2765	2694	2701	2718	2769	2695
56.0	2600	2697	2711	2712	2711	2738	2766	2715	2780	2767	2658	2704	2685	2732	2693
57.0	2611	2683	2672	2709	2714	2697	2751	2695	2745	2765	2629	2684	2654	2693	2676
58.0	2618	2641	2639	2679	2705	2663	2705	2681	2686	2722	2588	2613	2616	2644	2606
59.0	2539	2548	2579	2582	2622	2601	2610	2616	2594	2623	2523	2516	2553	2582	2502
60.0	2413	2445	2502	2473	2499	2530	2510	2522	2507	2502	2427	2420	2454	2484	2383
61.0	2307	2353	2394	2380	2391	2445	2426	2403	2420	2386	2309	2339	2340	2355	2280
62.0	2221	2252	2263	2285	2288	2328	2337	2278	2316	2291	2187	2251	2218	2227	2182
63.0	2112	2127	2116	2166	2186	2197	2215	2163	2182	2190	2077	2139	2108	2106	2076
64.0	1972	1980	1979	2017	2062	2059	2073	2046	2043	2062	1977	2009	2004	1989	1951
65.0	1841	1837	1860	1870	1920	1934	1929	1936	1916	1926	1875	1879	1904	1883	1804
66.0	1739	1716	1743	1739	1776	1820	1806	1821	1814	1796	1763	1762	1789	1765	1666
67.0	1621	1597	1616	1628	1649	1710	1702	1694	1714	1684	1642	1656	1663	1640	1542
68.0	1487	1476	1467	1521	1547	1586	1587	1566	1597	1581	1520	1550	1529	1511	1421
69.0	1340	1338	1308	1388	1428	1445	1456	1443	1459	1468	1408	1428	1398	1383	1284
70.0	1198	1186	1142	1220	1290	1299	1311	1323	1315	1333	1289	1290	1280	1257	1123
71.0	1082	1048	997	1092	1143	1153	1159	1188	1176	1180	1156	1141	1148	1130	971
72.0	949	931	859	972	1009	1038	1036	1063	1066	1044	1032	1016	1022	1001	828
73.0	822	828	720	860	885	922	925	935	947	916	903	901	890	870	696
74.0	693	715	574	736	759	792	806	794	814	792	771	778	756	736	565
75.0	539	566	446	585	616	636	658	646	664	658	638	644	630	609	464
76.0	410	434	367	456	493	505	522	527	534	537	523	521	520	499	389
77.0	300	317	307	347	378	388	399	411	414	420	411	402	408	386	320
78.0	244	253	258	265	277	285	291	298	302	305	301	293	297	282	266
79.0	206	214	217	221	224	231	232	232	234	234	234	234	233	227	225
80.0	175	183	183	188	190	195	196	193	196	198	196	200	196	192	192
81.0	149	156	155	159	162	163	166	165	165	169	168	170	166	165	163
82.0	131	133	132	135	140	139	141	143	140	145	145	144	143	142	139
83.0	116	116	116	117	121	122	122	124	122	124	124	123	123	122	119
84.0	102	104	105	106	107	110	109	109	109	109	110	110	109	108	106
85.0	91	94	95	96	96	99	99	97	98	98	98	100	97	96	97
86.0	83	85	85	87	87	88	90	88	88	89	89	91	88	87	87
87.0	77	77	76	77	79	78	80	79	78	80	80	81	79	79	78
88.0	70	70	69	69	71	71	72	72	70	73	73	72	72	71	69
89.0	65	65	64	64	65	66	67	66	64	66	67	66	65	64	62
90.0	62	62	62	62	61	63	64	63	61	62	63	63	61	60	60
91.0	59	59	58	59	58	61	61	60	59	59	60	61	58	57	57
92.0	54	55	54	54	55	56	57	56	55	56	57	57	55	54	54
93.0	49	50	49	49	51	52	53	52	51	53	54	53	51	51	49
94.0	45	46	45	46	47	48	49	49	48	50	51	49	48	48	46
95.0	43	42	43	43	44	45	46	46	46	47	48	46	46	45	44
96.0	40	40	40	40	40	42	43	43	43	43	44	43	42	41	41
97.0	36	37	37	37	37	39	40	39	40	40	40	40	39	38	38
98.0	33	35	34	34	35	36	36	36	36	37	37	37	36	35	35
99.0	31	32	31	31	32	32	33	33	33	34	35	34	33	33	32
100.0	29	29	29	29	29	29	30	31	30	32	32	31	31	30	30
101.0	27	26	26	26	26	27	28	28	28	29	29	29	28	28	27
102.0	24	25	25	25	24	25	26	26	26	27	27	27	26	25	25
103.0	23	23	23	23	23	23	24	24	24	25	25	25	24	24	24
104.0	21	22	21	22	22	22	23	22	23	23	24	24	23	22	22
105.0	20	20	20	20	21	21	21	21	21	22	22	22	21	21	20
106.0	19	19	19	19	19	19	20	20	20	21	21	20	20	20	19
107.0	18	18	18	18	18	19	19	19	19	20	20	19	19	19	19



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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	2712	2591	2640	2681	2581	2563	2595	2560	2666	2702	2612	2025	2687	2691	2793
55.0	2686	2597	2631	2654	2589	2537	2595	2570	2652	2701	2616	2006	2697	2674	2758
56.0	2650	2581	2640	2621	2584	2530	2561	2575	2617	2672	2629	1981	2690	2672	2730
57.0	2613	2526	2628	2586	2549	2522	2510	2547	2569	2632	2620	1959	2668	2672	2729
58.0	2566	2444	2563	2540	2468	2475	2452	2461	2510	2559	2541	1928	2586	2607	2696
59.0	2496	2363	2464	2469	2368	2387	2393	2361	2447	2478	2431	1883	2480	2495	2630
60.0	2395	2280	2351	2364	2276	2282	2317	2278	2363	2401	2333	1822	2390	2376	2522
61.0	2275	2201	2250	2248	2201	2178	2219	2201	2260	2303	2247	1737	2298	2273	2397
62.0	2155	2104	2162	2134	2108	2092	2098	2114	2141	2185	2153	1646	2195	2174	2269
63.0	2033	1988	2071	2032	1993	1997	1976	1987	2015	2051	2035	1568	2072	2063	2152
64.0	1922	1864	1960	1940	1869	1888	1865	1855	1901	1928	1895	1494	1931	1935	2041
65.0	1808	1756	1835	1833	1749	1772	1770	1742	1799	1816	1762	1412	1796	1794	1920
66.0	1688	1661	1712	1711	1650	1649	1666	1647	1695	1704	1648	1323	1669	1661	1778
67.0	1563	1569	1601	1584	1554	1536	1542	1543	1572	1583	1546	1209	1544	1542	1632
68.0	1439	1452	1493	1454	1443	1425	1407	1416	1430	1452	1430	1105	1404	1424	1483
69.0	1316	1319	1371	1335	1308	1303	1276	1279	1292	1307	1287	1002	1239	1291	1340
70.0	1189	1176	1220	1200	1162	1166	1142	1134	1151	1156	1155	908	1070	1141	1194
71.0	1075	1053	1093	1078	1037	1030	1031	1010	1030	1033	1024	817	926	1000	1062
72.0	954	940	963	946	923	899	916	897	910	911	889	720	793	870	923
73.0	826	829	848	815	808	779	788	781	782	783	755	619	658	745	780
74.0	693	704	723	680	674	654	642	642	633	636	614	517	526	605	614
75.0	573	581	600	566	549	539	519	514	506	506	493	426	421	482	480
76.0	465	468	479	455	432	423	399	396	388	389	382	342	330	364	365
77.0	353	361	361	345	324	308	294	290	287	286	281	273	266	271	275
78.0	268	268	263	258	251	240	236	235	233	231	227	226	224	223	226
79.0	220	221	216	212	212	203	200	198	195	195	189	190	191	190	188
80.0	186	187	185	180	180	172	169	168	164	163	162	161	163	163	159
81.0	158	157	158	155	152	147	144	142	140	139	140	139	140	141	137
82.0	137	133	135	135	130	128	123	122	121	120	122	121	120	121	119
83.0	119	117	117	118	114	112	110	110	110	108	108	108	107	108	107
84.0	106	106	105	105	103	100	99	99	98	98	97	96	96	96	95
85.0	95	96	94	93	93	89	89	88	87	88	86	85	88	87	85
86.0	85	85	85	84	83	80	79	79	78	78	78	76	79	78	75
87.0	77	75	77	76	74	72	70	71	70	70	71	69	71	70	68
88.0	69	67	68	68	65	64	62	63	63	63	65	64	65	64	63
89.0	63	62	62	63	60	59	58	59	60	60	61	62	62	61	59
90.0	60	59	59	60	58	56	57	57	58	58	58	59	60	58	56
91.0	57	57	57	56	56	55	54	54	54	55	55	55	57	55	52
92.0	54	54	54	53	52	51	50	50	50	50	51	51	53	51	48
93.0	49	49	50	49	48	47	46	46	46	47	48	48	49	48	45
94.0	47	46	46	47	45	45	43	43	44	44	45	45	45	44	43
95.0	44	43	43	44	43	42	41	41	42	42	42	42	41	41	40
96.0	41	41	41	40	40	39	39	39	39	39	39	38	38	37	37
97.0	38	38	38	37	37	36	36	36	36	36	36	35	36	35	33
98.0	34	35	35	35	34	34	33	33	32	32	33	33	33	32	31
99.0	32	32	32	32	31	31	30	30	30	29	30	30	30	30	28
100.0	29	29	29	29	28	28	28	27	27	27	27	28	27	27	26
101.0	27	26	26	27	26	26	26	25	25	25	25	25	25	25	24
102.0	25	25	24	24	25	24	24	24	24	24	23	23	24	23	22
103.0	23	23	23	23	23	23	23	23	22	22	22	22	22	21	21
104.0	21	21	22	22	22	22	22	21	21	21	21	20	20	20	20
105.0	20	20	20	21	20	20	20	20	20	19	20	19	19	19	19
106.0	19	19	19	19	19	19	19	19	19	19	19	19	18	18	18
107.0	18	18	18	18	18	18	19	18	18	18	17	18	18	17	17



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Candela Table (cd)

	300.0	310.0	320.0	330.0	340.0	350.0	360.0
54.0	2734	2716	2709	2648	2402	2667	2678
55.0	2720	2700	2707	2640	2254	2674	2629
56.0	2727	2712	2696	2654	2055	2698	2599
57.0	2735	2723	2683	2662	1971	2707	2614
58.0	2689	2677	2625	2618	1929	2677	2616
59.0	2583	2575	2537	2515	1807	2584	2544
60.0	2466	2459	2451	2406	1681	2492	2431
61.0	2358	2359	2363	2310	1630	2409	2308
62.0	2261	2263	2251	2214	1556	2310	2200
63.0	2148	2153	2119	2101	1524	2193	2094
64.0	2017	2023	1980	1966	1493	2052	1989
65.0	1877	1878	1851	1827	1549	1908	1869
66.0	1736	1740	1731	1698	1577	1775	1729
67.0	1613	1615	1612	1580	1490	1654	1592
68.0	1487	1489	1475	1457	1341	1528	1465
69.0	1351	1350	1326	1320	1214	1384	1341
70.0	1192	1188	1166	1164	1153	1213	1203
71.0	1046	1039	1032	1017	1028	1063	1073
72.0	908	913	908	885	885	929	942
73.0	779	790	781	765	754	808	815
74.0	623	631	626	620	620	672	682
75.0	487	485	483	483	488	520	536
76.0	362	360	362	365	376	392	413
77.0	269	268	271	269	279	287	302
78.0	221	221	224	220	226	233	240
79.0	187	187	190	187	189	199	201
80.0	160	159	160	160	161	170	172
81.0	137	136	135	136	139	144	148
82.0	118	117	117	117	120	122	129
83.0	104	104	105	104	107	110	114
84.0	93	93	95	93	95	98	101
85.0	84	84	85	84	84	90	90
86.0	76	76	76	76	75	80	81
87.0	68	68	68	68	68	73	75
88.0	61	62	61	61	63	66	69
89.0	57	58	58	57	59	61	65
90.0	54	55	56	55	56	58	61
91.0	52	52	52	52	52	55	57
92.0	48	48	48	49	48	51	53
93.0	44	44	44	45	45	46	48
94.0	42	41	41	41	43	43	45
95.0	38	38	39	39	40	40	42
96.0	36	36	36	36	36	37	39
97.0	33	33	33	33	33	35	35
98.0	30	30	31	30	30	32	33
99.0	28	28	27	27	28	29	31
100.0	25	25	25	25	26	27	28
101.0	23	23	24	23	24	25	26
102.0	22	22	22	22	22	23	24
103.0	21	21	21	21	20	22	22
104.0	20	20	19	19	19	20	21
105.0	19	18	18	18	18	19	20
106.0	17	17	18	17	18	18	19
107.0	16	16	17	17	17	17	18



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



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



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Test Item Number: 014013

Candela Table (cd)

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



Test Report Number: 10021186-7
Test Item Number: 014013

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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
163.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
164.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
165.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
166.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
167.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
168.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
169.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
170.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
171.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
172.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
173.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
174.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
175.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
176.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
177.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
178.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
179.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
180.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1



Test Report Number: 10021186-7
Test Item Number: 014013

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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
163.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
164.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
165.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
166.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
167.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
168.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
169.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
170.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
171.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
172.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
173.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
174.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
175.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
176.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
177.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
178.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
179.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
180.0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1



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Test Item Number: 014013

Candela Table (cd)

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