

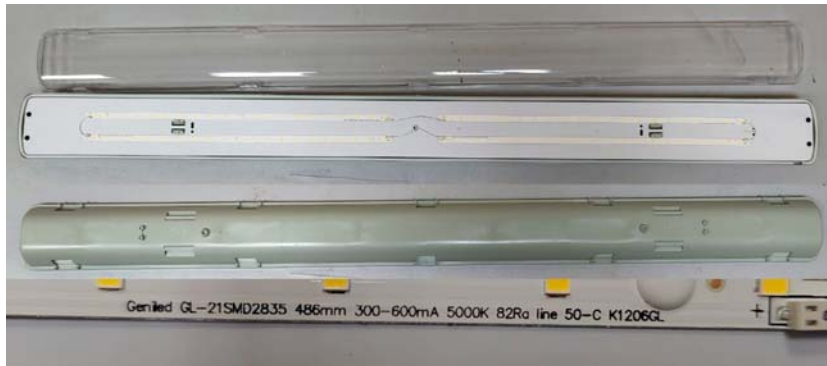
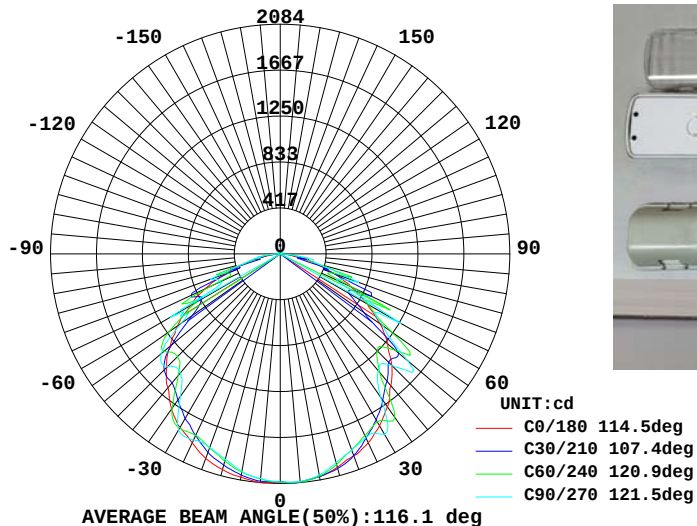
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: LSP Standart 2x36 1200 IP65 40W 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4896	DIMENSION: 1265x110	SERIAL No.:

DATA OF LAMP		Imax(cd)	2084	S/MH(C0/180)	1.30
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.28
NOMINAL POWER(W)	40	TOTAL FLUX(lm)	5981.5	Voltage(V)	220.5
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	148.7	Current(A)	0.189
NOMINAL FLUX(lm)	5981.5	η up(%)	1.8	Power(W)	40.23
LAMPS QUANTITY	1	η down(%)	98.2	Power Factor(PF)	0.961
TEST VOLTAGE(V)	220.5	Effective Flux(lm)	5981.5	EEI	0.092

LUMINOUS INTENSITY DISTRIBUTION



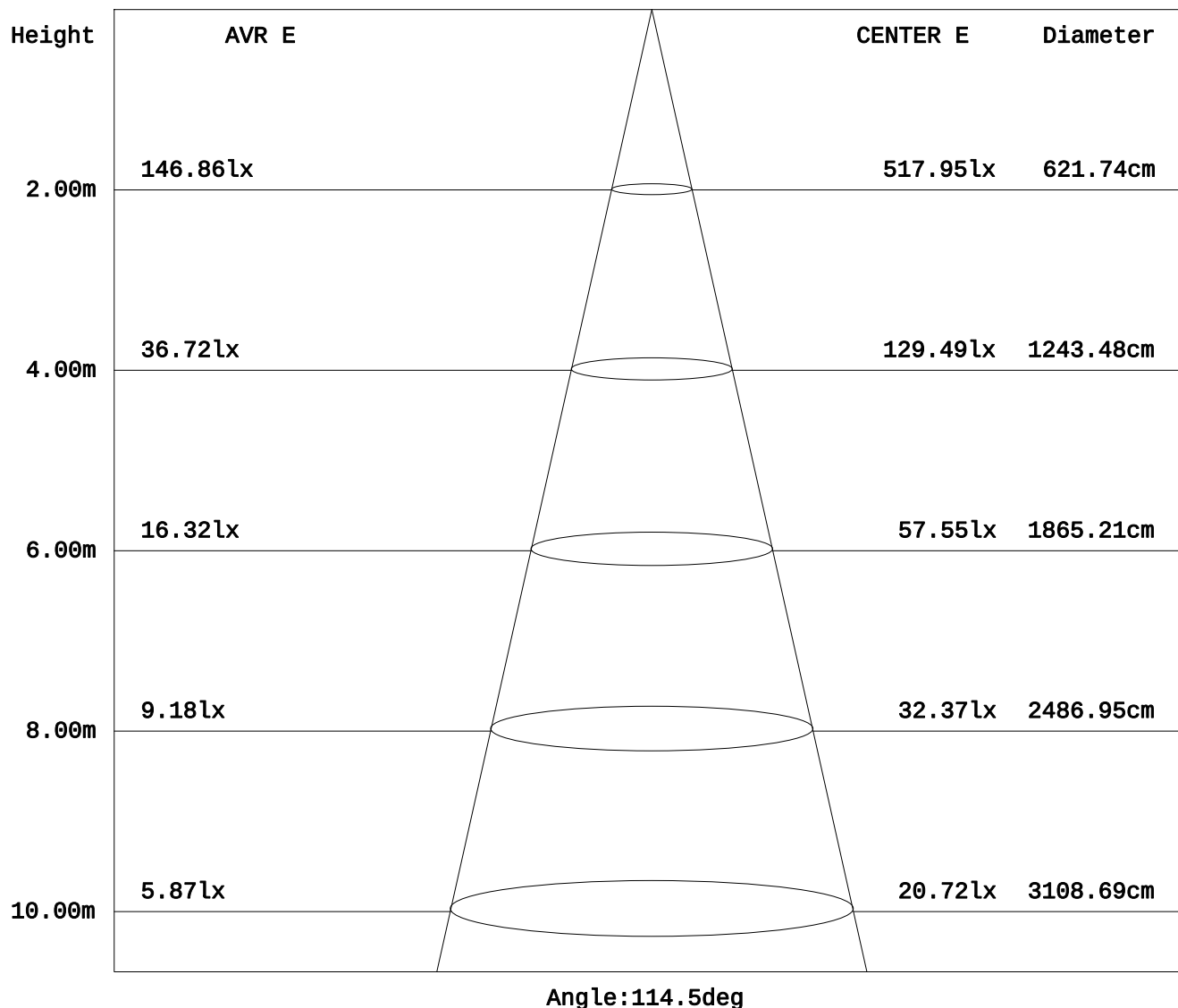
Test System:
 Temperature: 25.3°C
 Operators:
 Test Date: 03-17-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 84Ra. 1.4% Flicker. 29.6 Temp.

AVERAGE AND CENTER E Figure

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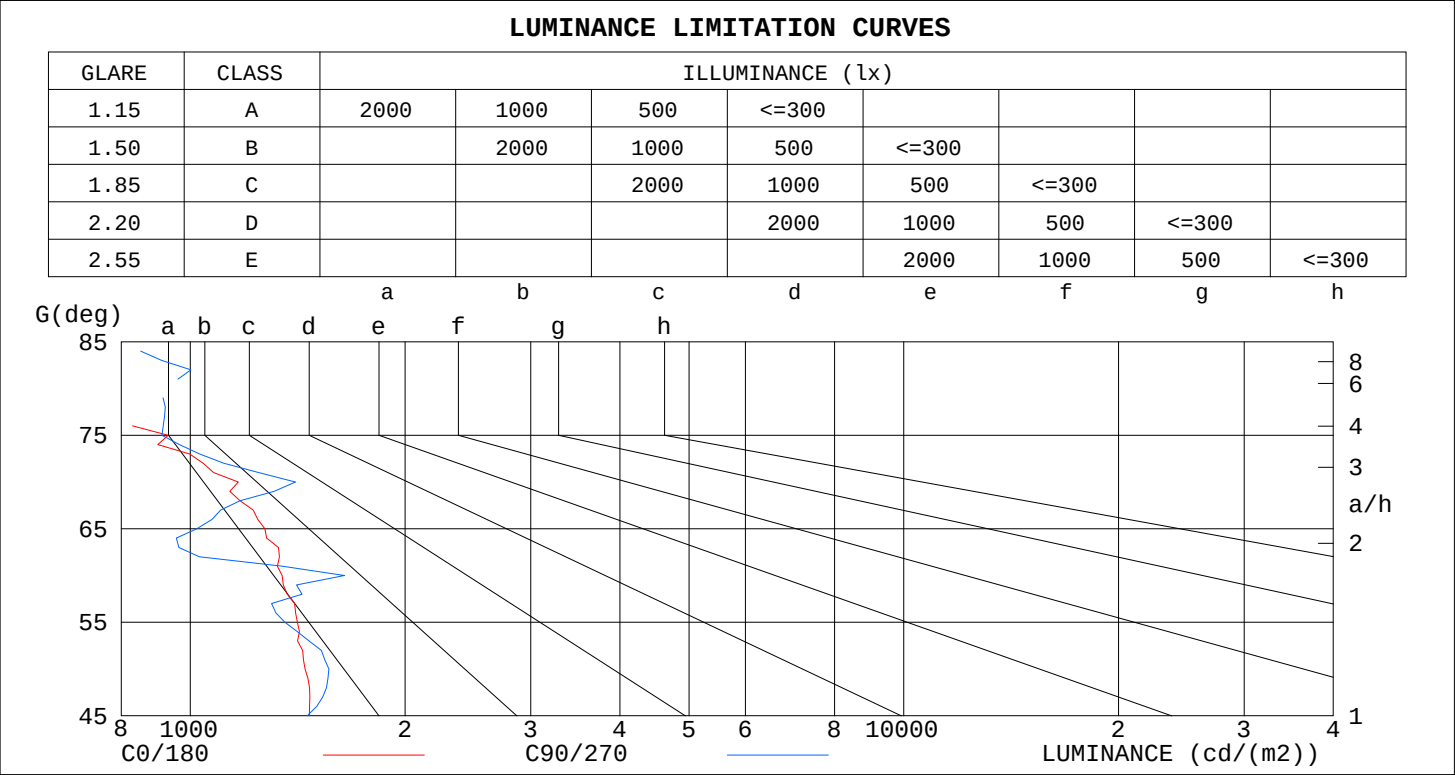
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LUMINANCE LIMITATION CURVES

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SPECIFICATION:	CCT(K): 4896	DIMENSION: 1265x110	SERIAL No.:



LUMINANCE cd/m2		
G(deg)	C0/180	C90/270
85	335	789
80	623	773
75	931	912
70	1167	1404
65	1272	1021
60	1345	1644
55	1412	1357
50	1448	1564
45	1468	1458

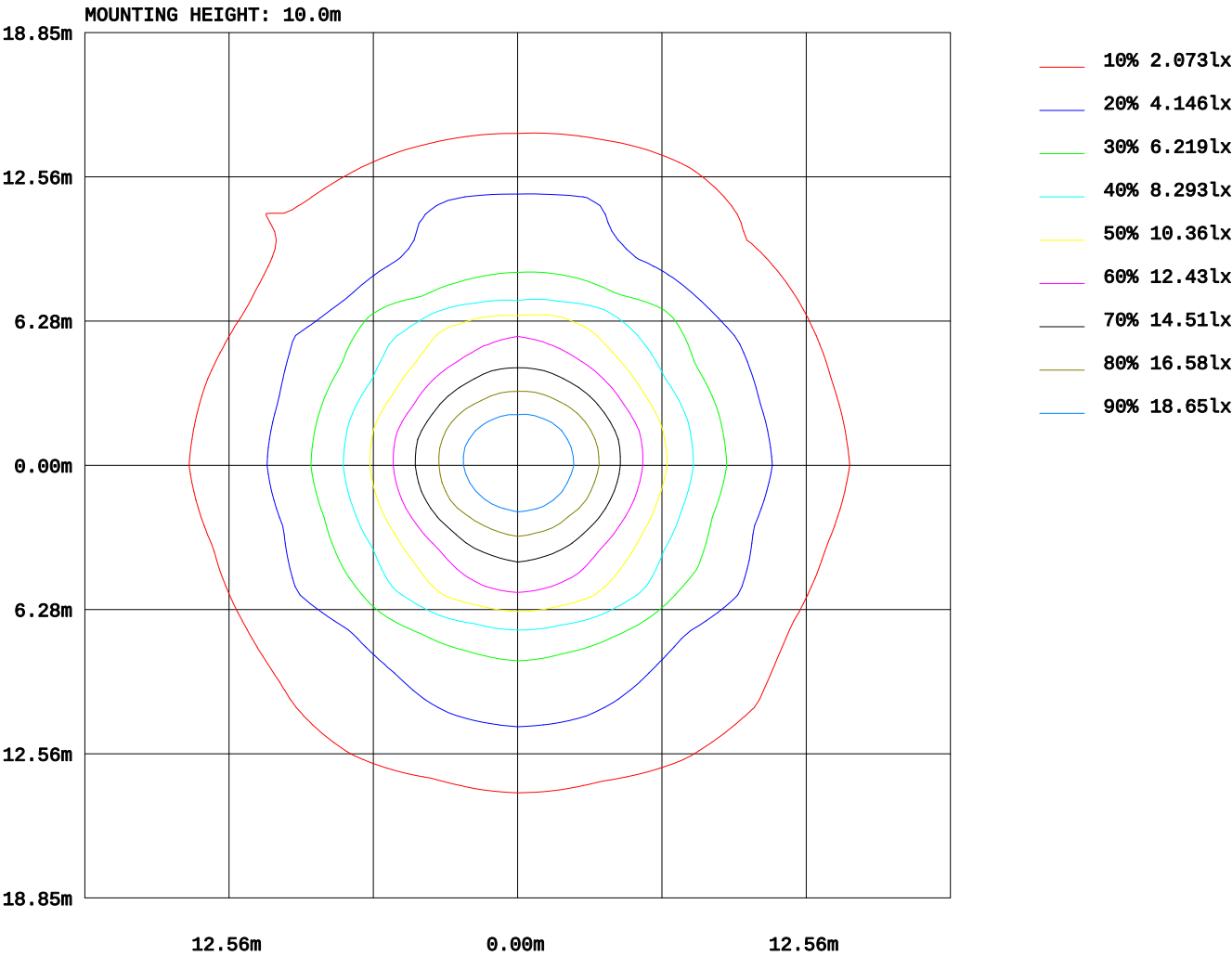
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ISOLUX DIAGRAM

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UGR Table

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SPECIFICATION:	CCT(K): 4896	DIMENSION: 1265x110		SERIAL No.:

ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	13.8	15.3	14.1	15.6	15.8	13.9	15.4	14.2	15.7	15.9
3H	15.0	16.4	15.3	16.6	16.9	15.3	16.7	15.6	17.0	17.2
4H	15.4	16.7	15.8	17.0	17.3	15.7	17.0	16.1	17.3	17.6
6H	15.6	16.8	15.9	17.1	17.4	16.0	17.2	16.4	17.5	17.9
8H	15.6	16.7	15.9	17.1	17.4	16.1	17.3	16.5	17.6	18.0
12H	15.5	16.7	15.9	17.0	17.3	16.2	17.3	16.6	17.7	18.0
4H 2H	14.5	15.8	14.8	16.1	16.4	14.5	15.8	14.8	16.1	16.3
3H	15.8	16.9	16.2	17.2	17.6	16.0	17.2	16.4	17.5	17.8
4H	16.3	17.3	16.7	17.7	18.0	16.5	17.5	16.9	17.9	18.3
6H	16.5	17.4	16.9	17.8	18.2	16.9	17.8	17.3	18.2	18.6
8H	16.5	17.3	16.9	17.7	18.2	17.1	17.9	17.5	18.3	18.7
12H	16.5	17.3	16.9	17.7	18.1	17.2	17.9	17.6	18.4	18.8
8H 4H	16.4	17.3	16.9	17.7	18.1	16.7	17.5	17.1	17.9	18.3
6H	16.7	17.4	17.2	17.9	18.3	17.2	17.9	17.7	18.3	18.8
8H	16.8	17.4	17.3	17.9	18.4	17.4	18.1	17.9	18.5	19.0
12H	16.8	17.4	17.3	17.9	18.4	17.6	18.1	18.1	18.6	19.1
12H 4H	16.4	17.2	16.9	17.6	18.1	16.6	17.4	17.1	17.8	18.3
6H	16.8	17.4	17.3	17.9	18.3	17.2	17.8	17.7	18.3	18.8
8H	16.9	17.4	17.4	17.9	18.4	17.5	18.0	18.0	18.5	19.0

Variations with the observer position at spacings:

S = 1.0H	+ 0.4 / - 0.3	+ 0.4 / - 0.6
1.5H	+ 0.6 / - 0.5	+ 0.8 / - 1.2
2.0H	+ 0.9 / - 0.6	+ 0.5 / - 0.8

CIE Pub.117 Corrected 5981 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.2)

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SPECIFICATION:				CCT(K): 4896				DIMENSION: 1265x110				SERIAL No.:			

UNIT: cd

C(deg) γ (deg)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	2072	2071	2069	2071	2070	2073	2071	2069	2071	2071	2072	2070	2072	2071	2069
5.0	2084	2072	2070	2056	2049	2047	2046	2043	2056	2060	2071	2071	2077	2076	2077
10.0	2058	2038	2038	2028	2011	2005	2006	1993	2005	2013	2030	2042	2051	2056	2053
15.0	2025	2000	1984	1955	1947	1924	1930	1917	1915	1932	1966	1987	2004	2022	2015
20.0	1977	1941	1918	1870	1875	1854	1871	1846	1853	1855	1907	1926	1949	1958	1948
25.0	1891	1859	1819	1794	1819	1846	1865	1829	1797	1766	1804	1852	1891	1904	1844
30.0	1821	1756	1726	1732	1823	1824	1845	1820	1792	1695	1700	1748	1803	1812	1742
35.0	1720	1637	1619	1710	1712	1588	1581	1564	1693	1679	1587	1638	1695	1692	1620
40.0	1584	1499	1528	1573	1443	1394	1412	1380	1404	1561	1489	1487	1563	1559	1509
45.0	1458	1343	1490	1282	1320	1396	1447	1383	1278	1257	1434	1314	1434	1396	1392
50.0	1307	1179	1291	1132	1377	1390	1411	1357	1325	1065	1306	1160	1273	1225	1403
55.0	1138	1011	975	1174	1230	1084	1093	1057	1173	1086	954	987	1105	1044	930
60.0	944	928	824	1021	881	999	1154	1031	839	945	756	820	914	873	721
65.0	755	695	891	647	697	547	606	522	492	656	774	752	708	837	915
70.0	561	373	480	360	503	642	674	613	476	302	470	383	516	392	504
75.0	338	418	188	434	330	303	332	290	294	309	156	190	311	244	199
80.0	152	116	150	143	205	191	188	177	176	129	165	91.5	134	149	190
85.0	41.0	44.2	93.9	61.9	100	63.2	96.5	52.2	70.9	45.1	70.8	35.6	29.0	85.0	75.9
90.0	17.4	12.9	28.0	18.9	32.3	22.5	35.2	20.7	29.4	14.8	23.0	11.3	8.70	25.7	18.0
95.0	17.8	11.0	19.3	13.2	21.7	14.7	23.0	13.9	20.9	12.5	18.1	10.4	17.2	19.2	13.0
100.0	17.6	10.0	17.7	11.3	18.0	12.2	19.1	11.9	17.5	11.8	18.1	11.4	19.6	17.5	12.5
105.0	16.0	10.9	16.6	11.1	16.3	11.5	17.2	11.7	16.3	11.9	16.6	11.5	17.7	17.5	12.5
110.0	15.7	11.1	15.6	11.9	16.2	12.2	16.7	12.4	16.4	12.6	15.8	10.5	15.9	16.6	13.4
115.0	15.5	11.2	16.0	12.8	16.6	13.0	17.0	13.3	16.7	13.0	16.5	10.8	12.3	15.4	19.4
120.0	15.5	12.0	16.3	13.6	17.2	14.1	17.4	14.4	17.2	13.7	15.8	11.8	13.2	15.7	14.9
125.0	16.2	13.0	16.5	14.7	17.6	15.0	18.0	15.2	17.6	14.8	16.1	13.0	14.3	16.5	15.2
130.0	17.2	14.2	17.0	15.0	18.0	15.8	18.6	15.9	18.1	14.9	16.5	14.2	15.5	17.5	15.7
135.0	18.0	15.2	17.2	15.7	18.7	16.7	19.1	16.6	18.1	15.5	17.2	15.5	16.5	18.4	16.3
140.0	18.7	16.3	17.9	16.3	18.7	17.0	19.2	16.7	18.4	16.2	18.0	16.6	17.6	19.3	17.2
145.0	19.6	17.2	18.6	17.1	19.1	17.6	19.3	17.1	18.7	17.0	18.7	17.8	18.5	20.2	18.1
150.0	20.4	18.0	19.2	17.7	19.6	18.2	19.5	17.8	19.3	17.8	19.4	18.7	19.3	21.0	19.1
155.0	21.0	18.9	19.7	18.5	20.0	18.9	19.6	18.2	19.6	18.6	20.1	19.6	20.2	21.6	19.7
160.0	21.6	19.7	20.2	19.2	20.5	19.6	20.2	19.0	20.2	19.2	20.9	20.5	21.0	22.1	20.6
165.0	22.2	20.7	20.9	19.7	20.9	20.2	20.9	19.6	20.6	20.1	21.6	21.1	21.7	22.5	21.1
170.0	22.7	21.4	21.7	20.6	21.4	20.7	21.4	20.4	21.5	21.0	22.1	21.5	22.4	22.7	21.6
175.0	23.1	21.9	22.4	21.6	22.2	21.6	22.3	21.1	22.2	21.5	22.4	21.6	22.9	22.9	21.9
180.0	23.1	22.3	22.7	22.1	22.7	22.1	23.0	21.6	22.3	21.9	22.5	22.0	23.2	22.7	22.2

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UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	2071	2070	2073	2071	2069	2071	2071	2072	2070
5.0	2082	2080	2075	2073	2078	2078	2080	2079	2081
10.0	2052	2047	2049	2038	2053	2057	2065	2059	2057
15.0	2003	1980	1969	1961	1975	1987	2019	2028	2031
20.0	1922	1894	1899	1896	1908	1907	1938	1966	1982
25.0	1835	1819	1845	1840	1853	1839	1857	1869	1908
30.0	1745	1762	1859	1891	1857	1783	1772	1772	1831
35.0	1669	1815	1661	1588	1722	1820	1682	1647	1714
40.0	1710	1404	1374	1385	1424	1480	1702	1531	1586
45.0	1298	1246	1352	1434	1347	1268	1439	1411	1414
50.0	1097	1361	1578	1512	1611	1297	1143	1371	1252
55.0	1128	1233	1159	1140	1183	1360	1062	1057	1071
60.0	1095	923	1026	1267	992	974	1268	765	884
65.0	699	754	588	568	625	675	804	717	743
70.0	409	507	655	757	711	461	594	599	529
75.0	413	359	367	357	404	449	398	507	239
80.0	188	256	306	304	323	249	243	285	242
85.0	111	83.3	116	87.5	134	105	189	120	89.6
90.0	30.5	20.5	32.7	21.0	35.7	23.0	40.7	21.4	30.7
95.0	22.6	14.7	24.2	16.1	25.5	16.2	24.6	13.0	19.1
100.0	18.9	12.0	19.2	12.8	19.6	12.2	19.1	12.7	16.7
105.0	17.2	12.1	18.0	12.8	17.8	11.9	17.2	12.0	17.1
110.0	17.0	12.7	17.6	13.4	17.5	12.4	16.9	12.3	17.2
115.0	17.4	13.6	17.4	13.7	17.2	13.2	17.1	15.5	18.2
120.0	18.6	14.7	17.6	14.5	17.5	14.2	17.6	15.6	15.7
125.0	25.7	16.5	18.4	15.7	18.1	15.9	21.1	15.0	16.4
130.0	20.8	23.6	20.2	17.9	19.9	21.1	22.5	15.5	17.0
135.0	20.1	19.7	28.4	26.6	27.2	20.4	20.2	15.9	17.9
140.0	19.6	18.7	23.1	21.1	23.1	18.7	19.6	16.5	18.7
145.0	19.7	18.4	21.1	19.4	21.5	18.4	19.4	17.5	19.4
150.0	20.2	18.7	20.7	19.1	21.0	18.6	19.7	18.2	20.1
155.0	20.9	19.3	20.8	19.4	21.1	19.0	20.2	19.1	20.7
160.0	21.4	20.0	21.1	20.1	21.5	19.6	20.9	19.7	21.2
165.0	22.0	20.8	21.7	20.9	21.7	20.4	21.4	20.5	21.7
170.0	22.5	21.5	22.3	21.6	22.3	21.0	21.9	21.1	22.2
175.0	22.7	21.7	22.7	22.0	22.4	21.4	22.3	21.5	22.5
180.0	22.7	22.1	22.7	22.4	22.3	21.7	22.5	22.0	22.6

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