

PHOTOMETRIC TEST REPORT

Report number: 0001355

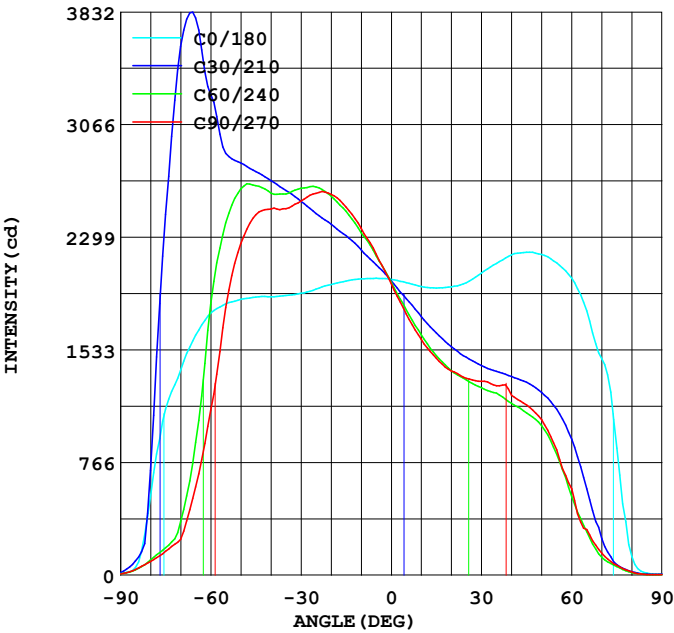
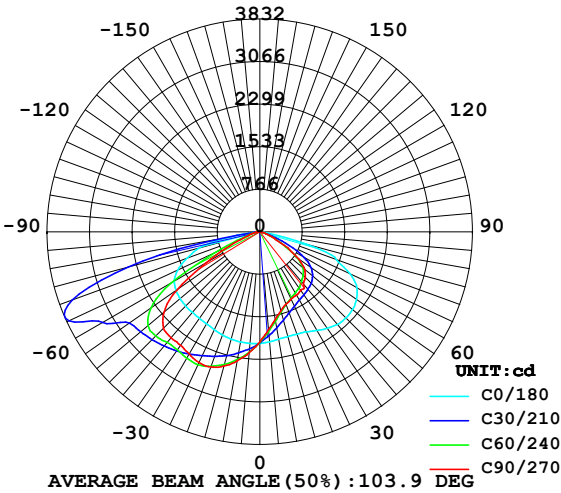
MANUFACTURER: FIBERLI	Address:PSL ELEKTRONIK ANTALYA	
NAME: WH9 MP108 CW 90x120D 60W 220V AC	TYPE:WALL WASHER	WEIGHT:5.3
SPECIFICATION:WALL WASHER H9	DIMENSION: 475x310x70	SERIAL No.:

TEST DATA:					
MODEL:	WH9	Imax (cd) :	4448	η street_up(%) :	0.3
NOMINAL POWER(W) :	60	MAXIMUM(C, γ):	150,63.0	η street_down(%) :	53.0
RATED VOLTAGE (V) :	222	TOTAL FLUX(lm) :	7790	η house_up(%)	0.3
NOMINAL FLUX(lm) :	7789.8	EFFICIENCY(%) :	100.0	η house_down(%) :	46.5
TEST FLUX(lm:	7790	η up(%) :	0.5		
LAMPS QUANTITY:	1	η down(%) :	99.4		

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS

LUMINOUS INTENSITY DISTRIBUTION



Test:U:221.0V I:0.275A P:59.63W PF:0.978

Test System:LSG-1600
Temperature:23.6DEG
Operators:REGAIP DASTAN
Test Date:02-24-2017

Test Set: 2.0deg/s C-Gamma (TYPE C)
Humidity:51.0%
Test Distance:9.545 m
Remarks: WH9 MP108 CW 90x120D 60W 220V AC I1

ZONAL FLUX DIAGRAM

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MANUFACTURER: FIBERLI	Address:PSL ELEKTRONIK ANTALYA	
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SPECIFICATION:WALL WASHER H9	DIMENSION: 475x310x70	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total
5.0	2020	2149	2184	2104	1991	1841	1777	1836	0- 5	47.46	47.46
10.0	2016	2289	2361	2226	1964	1686	1604	1702	5- 10	141.5	189.0
15.0	2001	2412	2504	2336	1954	1549	1477	1579	10- 15	234.1	423.2
20.0	1978	2516	2591	2440	1963	1446	1390	1480	15- 20	324.9	748.1
25.0	1946	2604	2599	2548	1990	1364	1340	1399	20- 25	413.5	1162
30.0	1917	2664	2545	2638	2055	1308	1318	1332	25- 30	497.9	1660
35.0	1903	2700	2493	2718	2122	1255	1289	1267	30- 35	578.1	2238
40.0	1894	2691	2491	2763	2181	1208	1223	1205	35- 40	654.1	2892
45.0	1892	2705	2453	2844	2196	1151	1158	1138	40- 45	722.9	3615
50.0	1876	2842	2255	3073	2181	1077	1057	1064	45- 50	779.2	4394
55.0	1847	2949	1821	3316	2125	935.1	853.3	968.9	50- 55	803.9	5198
60.0	1783	2820	1121	3228	2021	675.1	586.4	799.8	55- 60	776.4	5974
65.0	1632	2391	601.2	2621	1798	373.9	311.1	534.9	60- 65	689.3	6664
70.0	1394	823.8	242.9	495.8	1471	162.2	150.2	252.1	65- 70	534.0	7198
75.0	1130	215.9	161.7	162.5	864.5	67.32	66.41	101.4	70- 75	350.5	7548
80.0	531.7	120.6	92.56	74.52	124.9	22.95	20.68	39.63	75- 80	158.4	7707
85.0	51.56	40.45	38.81	21.77	14.39	7.835	4.099	11.75	80- 85	33.39	7740
90.0	11.38	9.019	8.564	4.190	5.466	7.197	3.279	7.015	85- 90	6.672	7747
95.0	9.019	3.370	5.375	3.553	6.559	8.381	3.826	8.108	90- 95	3.319	7750
100.0	9.748	3.826	5.193	4.099	7.835	9.839	4.646	9.657	95-100	3.524	7754
105.0	10.65	4.464	5.375	4.646	9.019	11.29	5.921	11.20	100-105	3.942	7758
110.0	11.47	5.193	5.739	5.375	9.930	12.29	7.470	12.39	105-110	4.333	7762
115.0	12.11	5.921	6.286	6.013	10.65	12.84	9.019	13.11	110-115	4.613	7767
120.0	12.57	6.559	6.833	6.559	11.20	13.21	10.38	13.57	115-120	4.773	7771
125.0	12.93	7.106	7.288	7.106	11.66	13.39	11.47	14.03	120-125	4.809	7776
130.0	13.11	7.652	7.652	7.561	11.84	13.75	12.29	14.39	125-130	4.728	7781
135.0	12.93	8.199	7.926	8.017	11.93	14.12	13.02	14.66	130-135	4.540	7786
140.0	12.75	8.746	8.290	8.472	12.02	14.30	13.66	14.75	135-140	4.259	7790
145.0	0	0	0	0	0	0	0	0	140-145	0	7790
150.0	0	0	0	0	0	0	0	0	145-150	0	7790
155.0	0	0	0	0	0	0	0	0	150-155	0	7790
160.0	0	0	0	0	0	0	0	0	155-160	0	7790
165.0	0	0	0	0	0	0	0	0	160-165	0	7790
170.0	0	0	0	0	0	0	0	0	165-170	0	7790
175.0	0	0	0	0	0	0	0	0	170-175	0	7790
180.0	0	0	0	0	0	0	0	0	175-180	0	7790
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

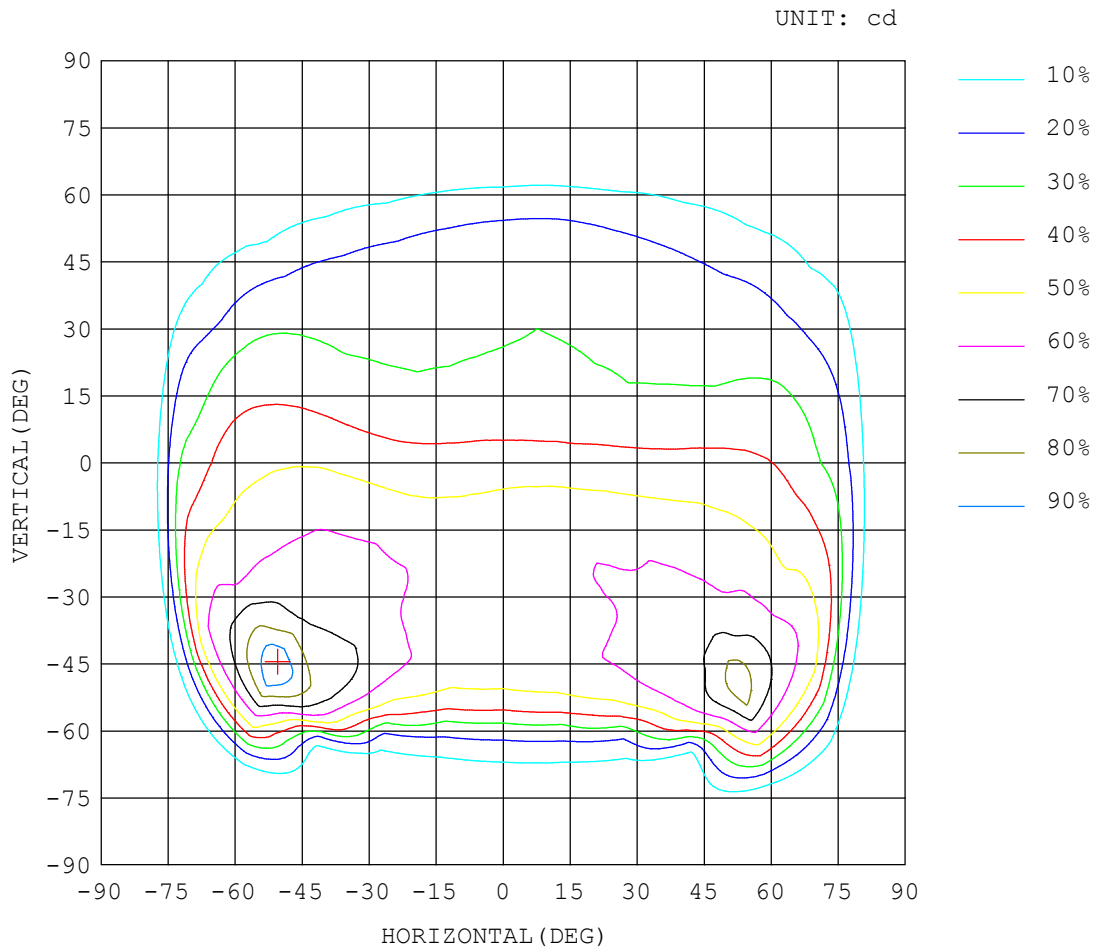
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Operators:REGAIP DASTAN
Test Date:02-24-2017

Test Set: 2.0deg/s C-Gamma (TYPE C)
Humidity:51.0%
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Remarks: WH9 MP108 CW 90x120D 60W 220V AC I1

ISOCANDELA DIAGRAM

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SPECIFICATION:WALL WASHER H9	DIMENSION: 475x310x70	SERIAL No.:



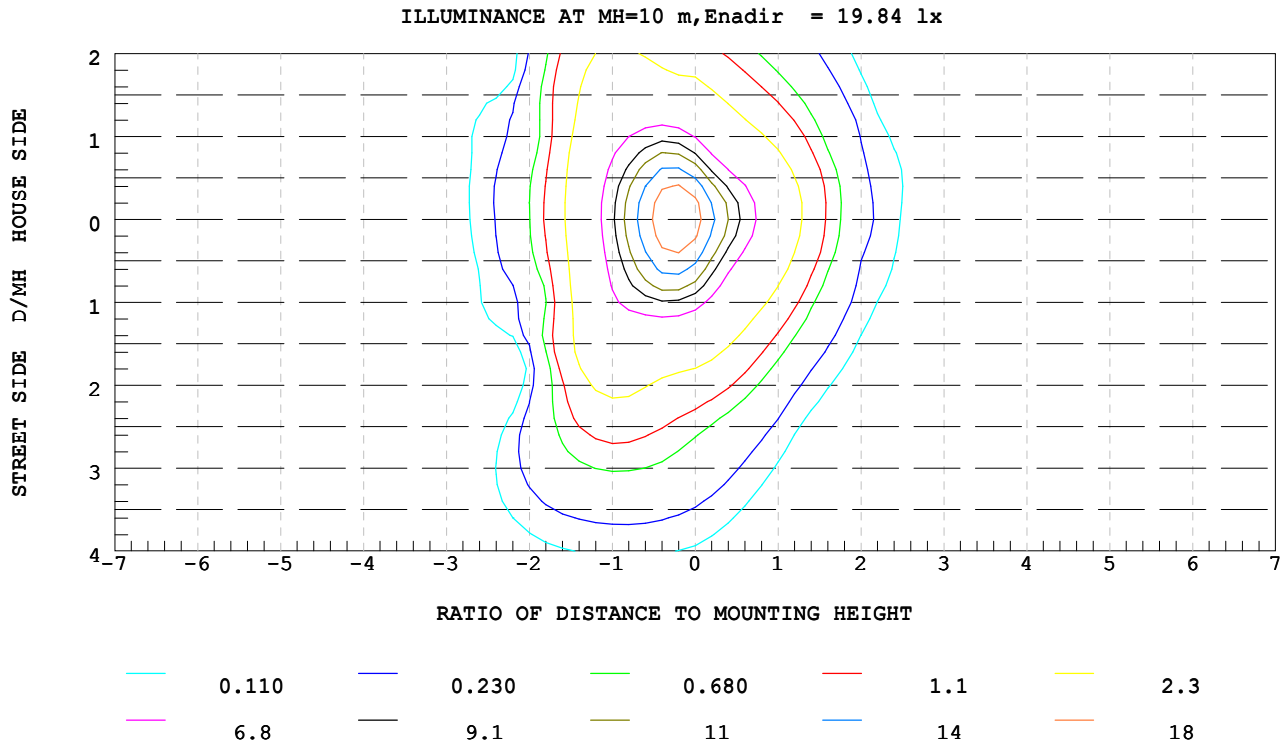
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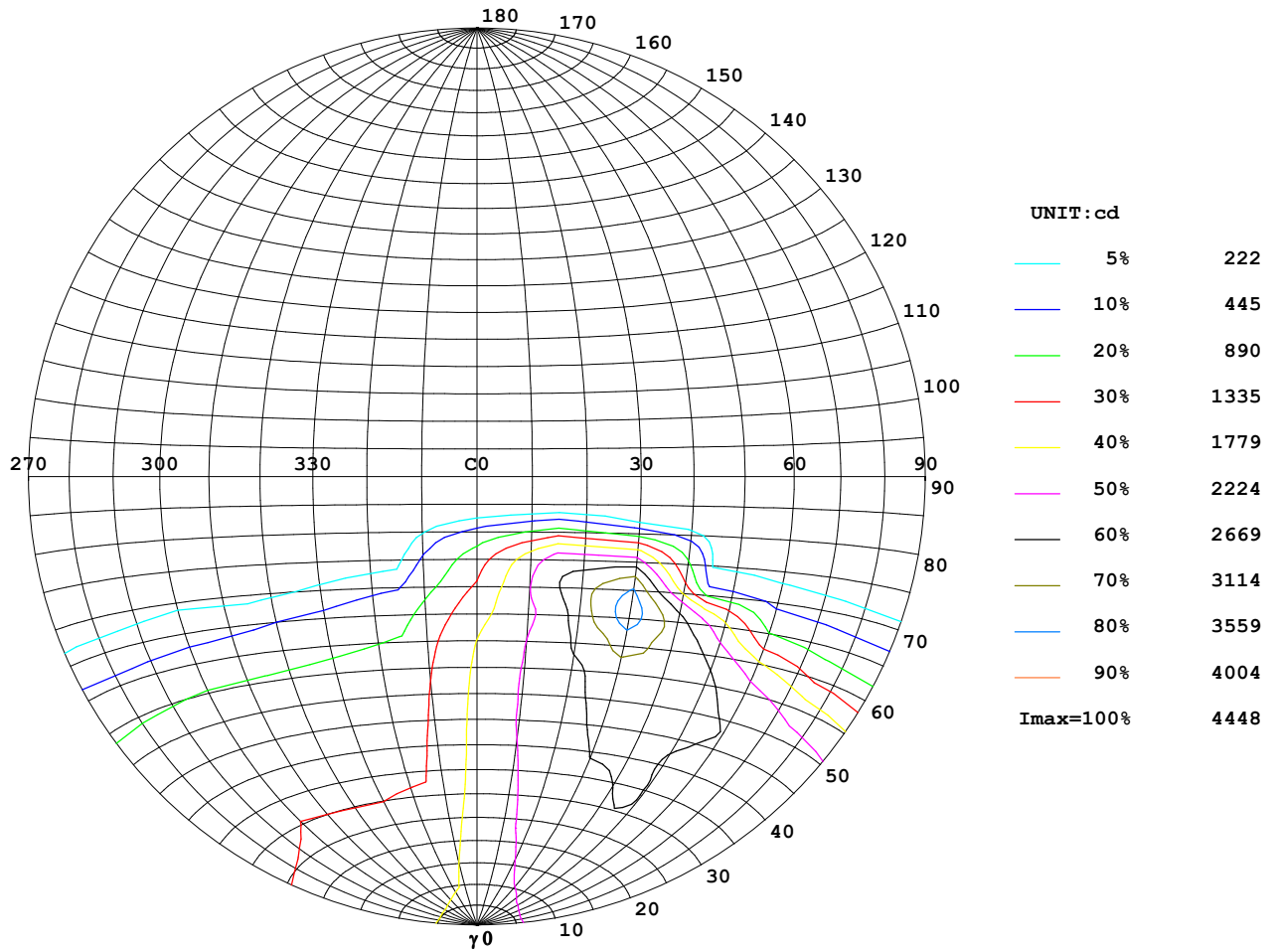
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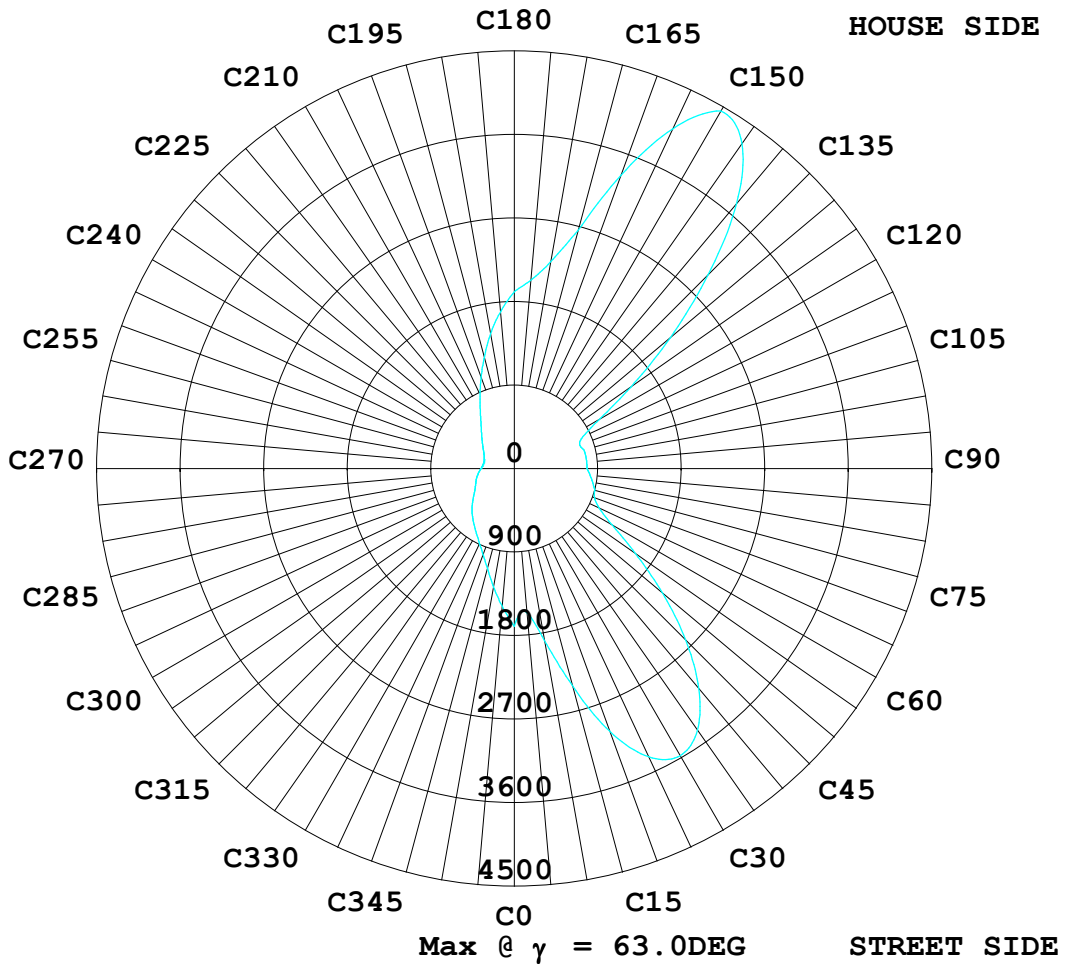
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LUMINOUS DISTRIBUTION INTENSITY DATA

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UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	2013	2009	2004	2001	1995	1993	1984	1984	1976	1975	1969	1969	2013	2009	2004
5.0	2020	2070	2113	2149	2173	2190	2184	2172	2139	2104	2055	2003	1991	1932	1881
10.0	2016	2120	2214	2289	2330	2363	2361	2338	2285	2226	2129	2032	1964	1857	1760
15.0	2001	2162	2309	2412	2475	2503	2504	2479	2418	2336	2221	2077	1954	1790	1649
20.0	1978	2197	2389	2516	2580	2599	2591	2570	2524	2440	2321	2146	1963	1736	1554
25.0	1946	2238	2461	2604	2643	2622	2599	2591	2581	2548	2435	2243	1990	1702	1482
30.0	1917	2275	2544	2664	2632	2576	2545	2540	2592	2638	2576	2369	2055	1690	1426
35.0	1903	2320	2618	2700	2593	2525	2493	2494	2567	2718	2716	2485	2122	1687	1387
40.0	1894	2371	2685	2691	2601	2537	2491	2511	2579	2763	2833	2593	2181	1692	1351
45.0	1892	2429	2747	2705	2651	2524	2453	2492	2658	2844	2929	2648	2196	1680	1313
50.0	1876	2445	2805	2842	2628	2358	2255	2298	2664	3073	3008	2654	2181	1637	1243
55.0	1847	2451	2870	2949	2398	2001	1821	1901	2400	3316	3143	2656	2125	1558	1130
60.0	1783	2445	3272	2820	1843	1250	1121	1150	1788	3228	3873	2654	2021	1411	924
65.0	1632	2402	3793	2391	904	681	601	581	710	2621	4374	2736	1798	1104	588
70.0	1394	2620	3597	824	362	290	243	242	250	496	3254	2762	1471	673	247
75.0	1130	2450	2454	216	186	169	162	141	147	163	1639	1501	865	275	71.5
80.0	532	1136	714	121	103	79.4	92.5	65.2	73.8	74.5	168	175	125	43.7	23.4
85.0	51.5	86.1	96.6	40.4	36.3	27.3	38.8	21.1	23.6	21.7	39.3	21.9	14.3	13.5	7.01
90.0	11.3	10.9	18.5	9.01	10.3	6.19	8.56	5.01	7.56	4.19	7.56	4.28	5.46	9.29	6.65
95.0	9.01	4.73	7.10	3.37	5.46	3.09	5.37	3.18	5.37	3.55	6.83	4.91	6.55	10.1	8.29
100.0	9.74	5.64	6.83	3.82	5.28	3.55	5.19	3.64	5.37	4.09	6.74	5.73	7.83	11.1	9.83
105.0	10.6	6.74	7.10	4.46	5.46	4.00	5.37	4.19	5.64	4.64	7.01	6.65	9.01	11.9	10.9
110.0	11.4	7.74	7.56	5.19	5.92	4.64	5.73	4.91	6.10	5.37	7.37	7.37	9.93	12.4	11.6
115.0	12.1	8.56	8.10	5.92	6.28	5.37	6.28	5.55	6.55	6.01	7.74	8.01	10.6	13.1	12.1
120.0	12.5	9.29	8.47	6.55	6.83	6.01	6.83	6.19	7.01	6.55	8.10	8.56	11.2	13.6	12.7
125.0	12.9	9.83	8.92	7.10	7.19	6.65	7.28	6.74	7.37	7.10	8.47	9.01	11.6	14.2	13.4
130.0	13.1	10.3	9.29	7.65	7.65	7.10	7.65	7.28	7.74	7.56	8.74	9.38	11.8	14.0	14.0
135.0	12.9	10.6	9.65	8.19	8.01	7.56	7.92	7.74	8.10	8.01	9.11	9.74	11.9	13.6	14.2
140.0	12.7	11.0	10.0	8.74	8.38	8.01	8.29	8.19	8.47	8.47	9.38	10.1	12.0	13.2	13.9
145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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UNIT: cd

C (DEG) γ (DEG)	225	240	255	270	285	300	315	330	345
0.0	2001	1995	1993	1984	1984	1976	1975	1969	1969
5.0	1841	1805	1788	1777	1788	1803	1836	1872	1919
10.0	1686	1636	1611	1604	1621	1649	1702	1769	1863
15.0	1549	1494	1475	1477	1496	1524	1579	1666	1795
20.0	1446	1392	1384	1390	1410	1432	1480	1561	1718
25.0	1364	1328	1328	1340	1359	1376	1399	1471	1636
30.0	1308	1275	1294	1318	1336	1334	1332	1381	1556
35.0	1255	1238	1283	1289	1316	1306	1267	1302	1483
40.0	1208	1169	1209	1223	1279	1255	1205	1234	1425
45.0	1151	1103	1124	1158	1183	1172	1138	1166	1378
50.0	1077	1017	1022	1057	1091	1083	1064	1104	1334
55.0	935	823	820	853	913	938	969	1028	1283
60.0	675	532	540	586	629	679	800	922	1192
65.0	374	294	244	311	296	397	535	724	1043
70.0	162	121	147	150	189	162	252	416	765
75.0	67.3	58.3	63.9	66.4	81.5	75.9	101	156	430
80.0	22.9	17.3	20.8	20.6	27.4	26.6	39.6	44.1	138
85.0	7.83	3.91	6.55	4.09	7.47	5.83	11.7	12.5	24.5
90.0	7.19	3.64	5.28	3.27	5.28	3.46	7.01	6.01	9.38
95.0	8.38	4.73	5.46	3.82	5.37	4.55	8.10	7.74	9.65
100.0	9.83	6.19	6.10	4.64	6.10	6.19	9.65	9.47	10.8
105.0	11.2	7.92	7.28	5.92	7.19	7.92	11.2	11.0	12.1
110.0	12.2	9.65	8.65	7.47	8.56	9.74	12.3	12.0	12.9
115.0	12.8	10.9	10.1	9.01	10.1	11.2	13.1	12.4	13.5
120.0	13.2	11.9	11.2	10.3	11.2	12.2	13.5	13.1	13.9
125.0	13.3	12.3	12.1	11.4	12.2	12.7	14.0	13.8	14.2
130.0	13.7	12.9	12.6	12.2	12.8	13.3	14.3	14.5	14.4
135.0	14.1	13.5	13.3	13.0	13.3	13.7	14.6	14.8	14.3
140.0	14.3	14.0	14.0	13.6	13.9	14.1	14.7	14.5	13.8
145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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