

# PHOTOMETRIC TEST REPORT

Report number: 0001352

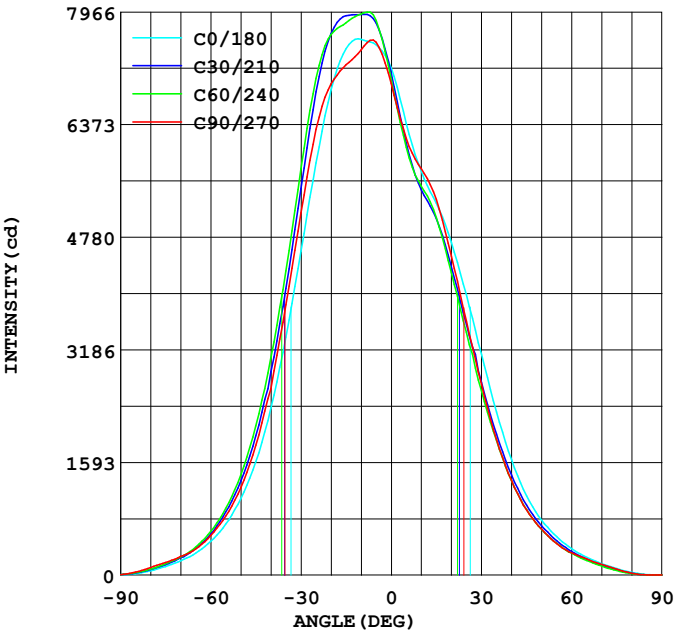
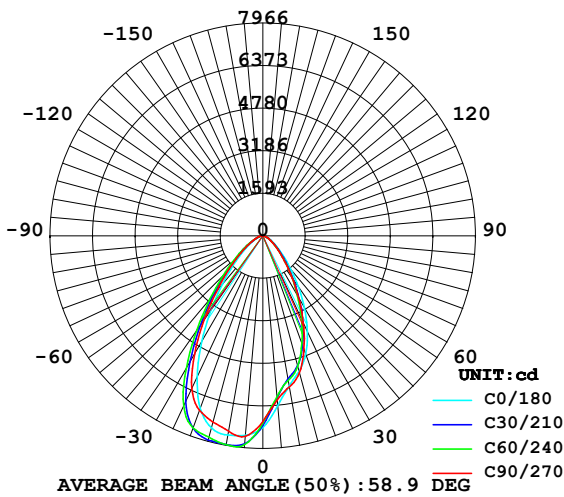
MANUFACTURER: FIBERLI	Address:PSL ELEKTRONIK ANTALYA	
NAME: WH9 MP108 CW 60D 60W 220V AC IP66	TYPE:WALL WASHER	WEIGHT:5.3
SPECIFICATION:WALL WASHER H9	DIMENSION: 475x310x70	SERIAL No.:

TEST DATA:					
MODEL:	WH9	Imax (cd) :	8003	$\eta$ street_up(%) :	0.2
NOMINAL POWER(W) :	60	MAXIMUM(C, $\gamma$ ):	45,9.0	$\eta$ street_down(%) :	60.2
RATED VOLTAGE (V) :	220	TOTAL FLUX(lm) :	8392	$\eta$ house_up(%) :	0.2
NOMINAL FLUX(lm) :	8391.9	EFFICIENCY(%) :	100.0	$\eta$ house_down(%) :	39.4
TEST FLUX(lm:	8392	$\eta$ up(%) :	0.4		
LAMPS QUANTITY:	1	$\eta$ down(%) :	99.6		

INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS

INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS

LUMINOUS INTENSITY DISTRIBUTION



Test:U:220.8V I:0.274A P:59.25W PF:0.978

Test System:LSG-1600  
Temperature:23.0DEG  
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 60D 60W 220V AC IP66

ZONAL FLUX DIAGRAM

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γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total
5.0	7500	7873	7539	6724	6389	6074	6181	6602	0- 5	164.8	164.8
10.0	7578	8001	7431	6282	5716	5450	5748	6335	5- 10	475.5	640.3
15.0	7446	7944	7221	5873	5258	5028	5315	6060	10- 15	755.2	1396
20.0	6866	7786	6949	5455	4708	4299	4512	5458	15- 20	981.6	2377
25.0	5829	7049	6305	4760	3964	3497	3596	4568	20- 25	1105	3483
30.0	4583	5695	5124	3833	3127	2651	2703	3522	25- 30	1090	4573
35.0	3367	4268	3823	2890	2308	1955	1919	2568	30- 35	961.7	5535
40.0	2363	3033	2632	2071	1634	1397	1339	1800	35- 40	784.0	6319
45.0	1606	2091	1837	1448	1123	966.7	923.0	1235	40- 45	604.3	6923
50.0	1082	1405	1235	999.1	775.9	680.1	648.3	842.5	45- 50	452.1	7375
55.0	721.6	938.6	837.0	684.2	544.0	474.9	446.3	566.8	50- 55	331.6	7707
60.0	478.1	607.4	559.9	456.3	374.6	329.1	312.9	381.6	55- 60	237.5	7944
65.0	311.6	385.1	370.2	308.9	252.5	223.5	227.2	257.0	60- 65	166.9	8111
70.0	203.4	245.7	262.7	196.1	162.9	139.6	151.6	165.3	65- 70	114.4	8226
75.0	122.1	147.0	177.9	115.7	91.19	72.88	83.27	93.02	70- 75	73.24	8299
80.0	60.22	76.25	108.0	55.30	37.71	26.23	27.05	39.72	75- 80	39.65	8339
85.0	19.22	27.69	42.45	16.21	7.652	6.650	3.917	10.20	80- 85	15.46	8354
90.0	5.739	5.101	8.381	3.370	3.097	5.101	3.188	5.193	85- 90	4.282	8359
95.0	5.101	3.097	5.284	3.188	3.370	5.010	3.553	4.919	90- 95	2.333	8361
100.0	5.010	3.370	5.010	3.462	3.735	5.193	3.917	4.919	95-100	2.315	8363
105.0	5.101	3.735	5.010	3.917	4.282	5.557	4.555	5.193	100-105	2.408	8366
110.0	5.375	4.190	5.101	4.464	5.010	6.195	5.375	5.648	105-110	2.580	8368
115.0	5.921	4.737	5.557	5.193	6.013	7.379	6.559	6.286	110-115	2.837	8371
120.0	6.741	5.557	6.104	6.195	7.379	8.837	8.199	7.288	115-120	3.192	8374
125.0	7.926	6.559	7.015	7.561	9.110	10.93	10.38	8.746	120-125	3.641	8378
130.0	9.384	7.926	8.290	9.292	11.38	13.48	12.84	10.47	125-130	4.164	8382
135.0	11.20	9.566	9.930	11.38	13.93	16.30	15.48	12.48	130-135	4.697	8387
140.0	13.11	11.47	11.84	13.66	16.67	19.04	18.22	14.66	135-140	5.132	8392
145.0	0	0	0	0	0	0	0	0	140-145	0	8392
150.0	0	0	0	0	0	0	0	0	145-150	0	8392
155.0	0	0	0	0	0	0	0	0	150-155	0	8392
160.0	0	0	0	0	0	0	0	0	155-160	0	8392
165.0	0	0	0	0	0	0	0	0	160-165	0	8392
170.0	0	0	0	0	0	0	0	0	165-170	0	8392
175.0	0	0	0	0	0	0	0	0	170-175	0	8392
180.0	0	0	0	0	0	0	0	0	175-180	0	8392
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

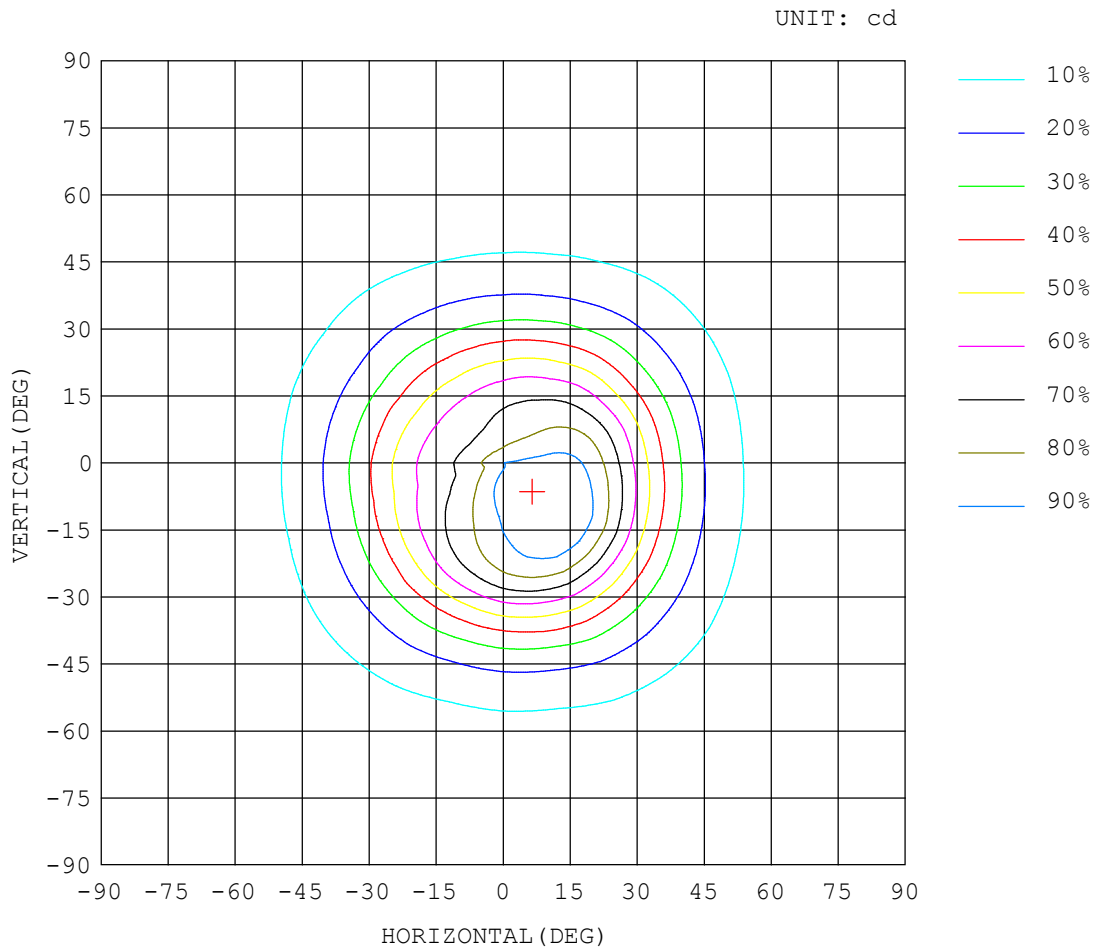
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 Operators:REGAIP DASTAN  
 Test Date:02-24-2017

Test Set: 2.0deg/s C-Gamma (TYPE C)  
 Humidity:51.0%  
 Test Distance:9.545 m  
 Remarks: WH9 MP108 CW 60D 60W 220V AC IP66

## ISOCANDELA DIAGRAM

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



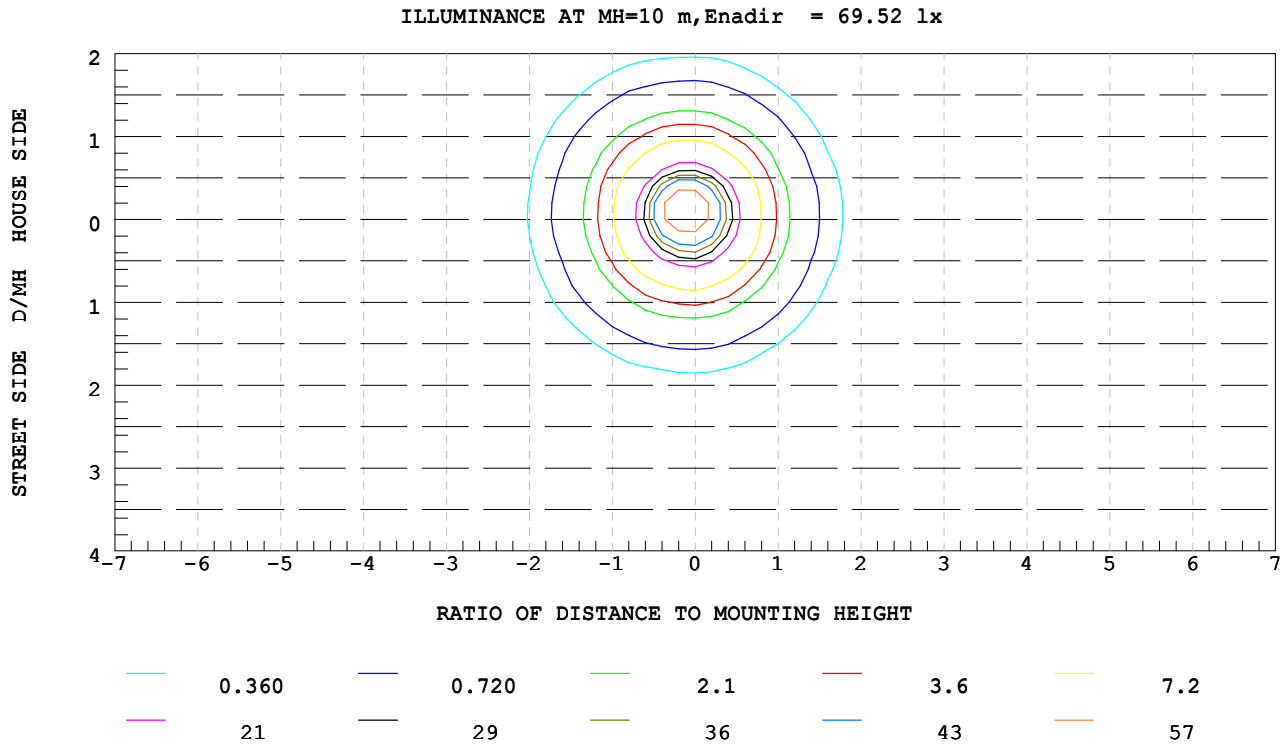
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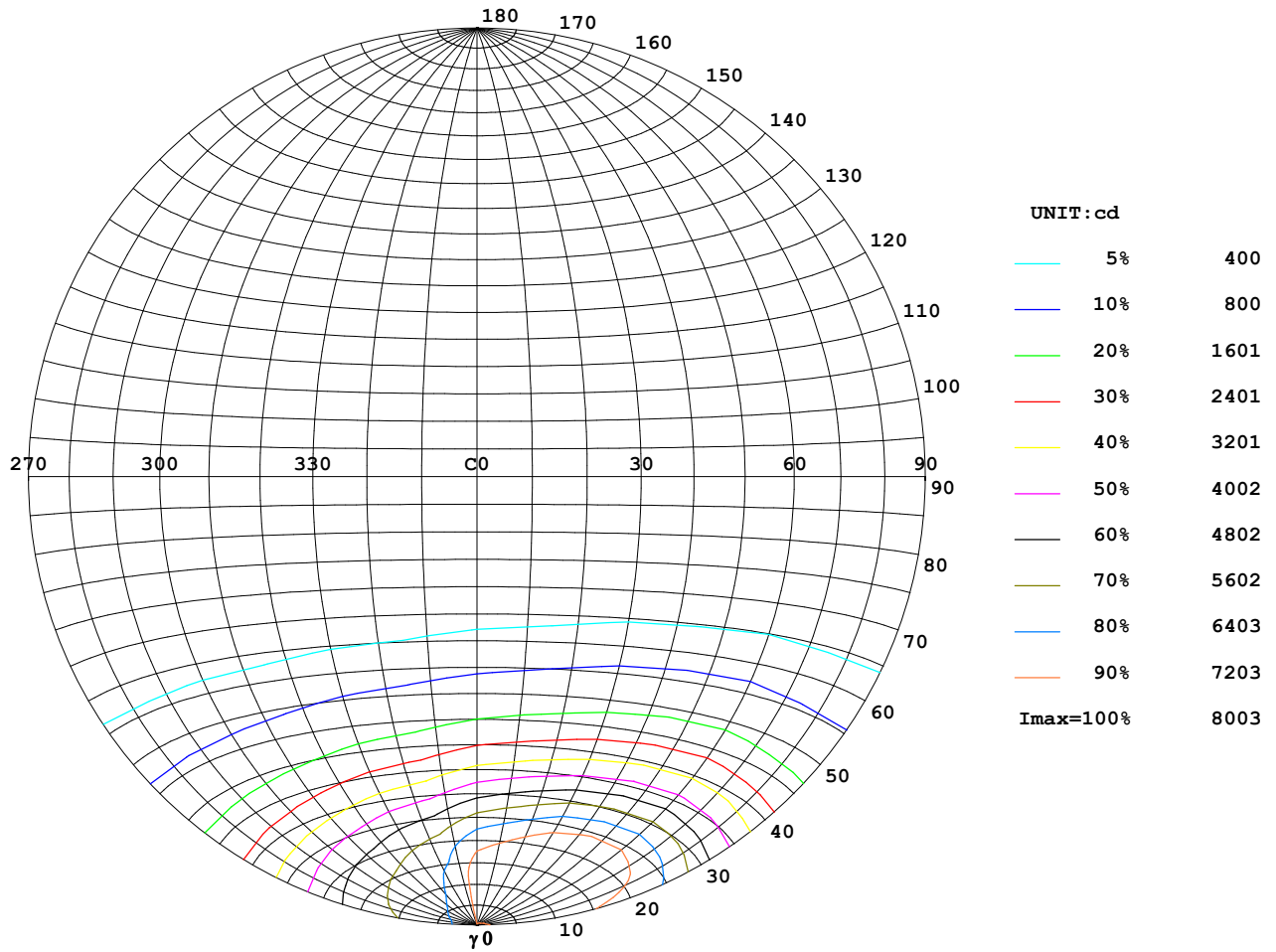
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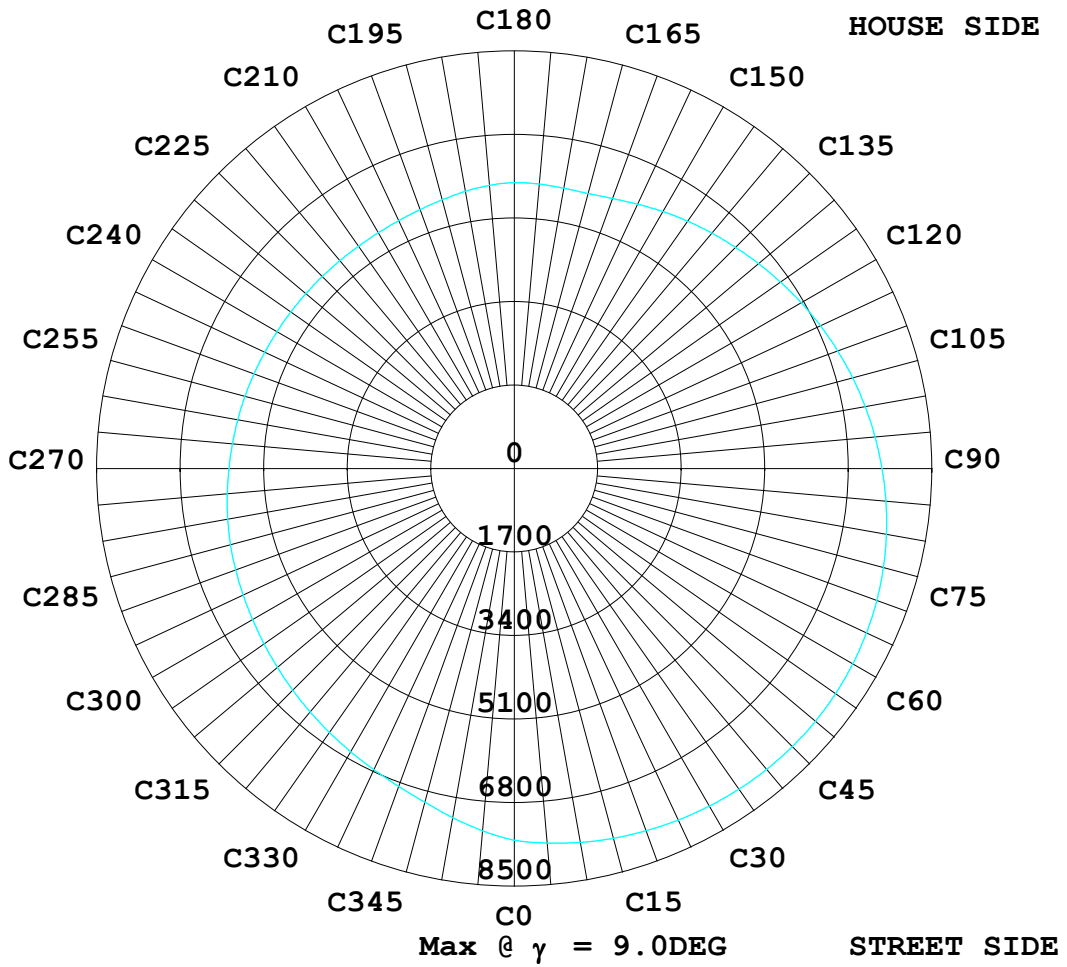
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LUMINOUS DISTRIBUTION INTENSITY DATA

Report number: 0001352

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SPECIFICATION:WALL WASHER H9	DIMENSION: 475x310x70	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	7176	7149	7098	7072	7018	6994	6952	6947	6917	6914	6903	6903	7176	7149	7098
5.0	7500	7690	7811	7873	7845	7744	7539	7293	7000	6724	6488	6292	6389	6239	6110
10.0	7578	7798	7932	8001	7939	7741	7431	7069	6675	6282	5947	5695	5716	5560	5448
15.0	7446	7726	7916	7944	7813	7553	7221	6741	6297	5873	5515	5272	5258	5127	5043
20.0	6866	7268	7661	7786	7649	7357	6949	6420	5905	5455	5082	4770	4708	4539	4361
25.0	5829	6278	6838	7049	7025	6722	6305	5755	5255	4760	4386	4053	3964	3751	3551
30.0	4583	4996	5469	5695	5748	5482	5124	4667	4268	3833	3485	3217	3127	2908	2729
35.0	3367	3710	4057	4268	4304	4084	3823	3478	3204	2890	2615	2393	2308	2125	1994
40.0	2363	2608	2875	3033	3075	2878	2632	2472	2315	2071	1869	1697	1634	1525	1416
45.0	1606	1773	1971	2091	2112	1948	1837	1686	1608	1448	1310	1176	1123	1068	990
50.0	1082	1196	1329	1405	1417	1301	1235	1136	1093	999	909	814	776	749	697
55.0	722	794	895	939	945	867	837	766	743	684	631	564	544	523	486
60.0	478	518	580	607	618	571	560	511	500	456	430	387	375	363	334
65.0	312	336	376	385	396	372	370	337	330	309	288	262	253	249	225
70.0	203	217	245	246	257	245	263	223	219	196	191	170	163	161	141
75.0	122	130	149	147	159	156	178	140	134	116	114	96.9	91.1	89.5	73.7
80.0	60.2	64.3	78.4	76.2	85.8	86.0	108	74.8	68.5	55.3	53.3	41.3	37.7	36.1	25.3
85.0	19.2	20.3	29.4	27.6	34.4	32.6	42.4	26.4	24.4	16.2	16.2	9.38	7.65	8.38	4.37
90.0	5.73	3.82	7.37	5.10	8.47	5.55	8.38	4.46	6.46	3.37	5.37	3.09	3.09	5.19	3.18
95.0	5.10	3.18	5.19	3.09	5.19	3.09	5.28	3.18	5.01	3.18	5.01	3.37	3.37	5.01	3.46
100.0	5.01	3.46	5.01	3.37	5.01	3.37	5.01	3.37	4.91	3.46	4.91	3.73	3.73	5.01	3.91
105.0	5.10	3.91	5.01	3.73	4.91	3.64	5.01	3.73	5.01	3.91	5.10	4.19	4.28	5.37	4.55
110.0	5.37	4.37	5.19	4.19	5.19	4.09	5.10	4.19	5.19	4.46	5.46	4.82	5.01	5.92	5.37
115.0	5.92	5.01	5.64	4.73	5.46	4.64	5.55	4.82	5.64	5.19	6.10	5.83	6.01	6.83	6.65
120.0	6.74	5.92	6.28	5.55	6.10	5.46	6.10	5.64	6.46	6.19	7.10	7.10	7.37	8.10	8.29
125.0	7.92	7.10	7.19	6.55	6.92	6.37	7.01	6.83	7.56	7.56	8.47	8.83	9.11	9.93	10.3
130.0	9.38	8.65	8.47	7.92	8.10	7.83	8.29	8.29	9.01	9.29	10.2	10.9	11.3	12.2	12.9
135.0	11.2	10.3	10.1	9.56	9.65	9.47	9.93	10.1	10.8	11.3	12.4	13.3	13.9	14.9	15.7
140.0	13.1	12.3	11.8	11.4	11.3	11.3	11.8	12.2	13.0	13.6	14.8	16.0	16.6	17.6	18.4
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	7072	7018	6994	6952	6947	6917	6914	6903	6903
5.0	6074	6053	6107	6181	6316	6442	6602	6789	7020
10.0	5450	5502	5611	5748	5915	6090	6335	6637	7039
15.0	5028	5056	5158	5315	5491	5722	6060	6442	6924
20.0	4299	4276	4373	4512	4772	5036	5458	5883	6421
25.0	3497	3431	3480	3596	3822	4132	4568	4956	5459
30.0	2651	2605	2618	2703	2860	3145	3522	3838	4271
35.0	1955	1906	1885	1919	2046	2262	2568	2803	3130
40.0	1397	1333	1315	1339	1419	1573	1800	1976	2198
45.0	967	926	906	923	972	1077	1235	1358	1508
50.0	680	644	632	648	677	736	843	928	1030
55.0	475	451	445	446	471	504	567	624	685
60.0	329	309	307	313	325	339	382	410	455
65.0	224	207	214	227	232	230	257	273	300
70.0	140	127	136	152	152	145	165	172	197
75.0	72.8	63.6	72.8	83.2	85.3	78.2	93.0	97.5	117
80.0	26.2	20.5	25.6	27.0	32.2	29.7	39.7	41.9	56.1
85.0	6.65	3.73	6.28	3.91	7.19	5.37	10.2	9.20	16.7
90.0	5.10	3.27	5.10	3.18	5.19	3.09	5.19	3.00	5.46
95.0	5.01	3.64	5.01	3.55	5.01	3.37	4.91	3.27	5.01
100.0	5.19	4.00	5.19	3.91	5.10	3.73	4.91	3.55	4.91
105.0	5.55	4.73	5.46	4.55	5.37	4.28	5.19	4.00	5.01
110.0	6.19	5.64	6.19	5.37	5.92	5.01	5.64	4.55	5.28
115.0	7.37	6.92	7.28	6.55	6.92	6.01	6.28	5.37	5.83
120.0	8.83	8.65	8.83	8.19	8.19	7.28	7.28	6.46	6.65
125.0	10.9	10.9	10.9	10.3	9.93	9.01	8.74	7.83	7.74
130.0	13.4	13.5	13.4	12.8	12.1	11.0	10.4	9.56	9.20
135.0	16.3	16.3	16.3	15.4	14.5	13.3	12.4	11.4	10.9
140.0	19.0	19.2	18.9	18.2	17.0	15.7	14.6	13.5	12.8
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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