

PHOTOMETRIC TEST REPORT

Report number: 0001351

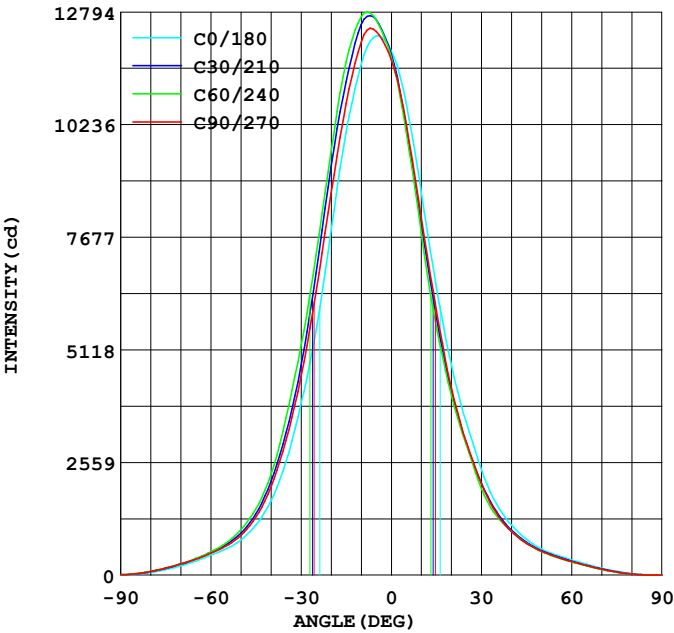
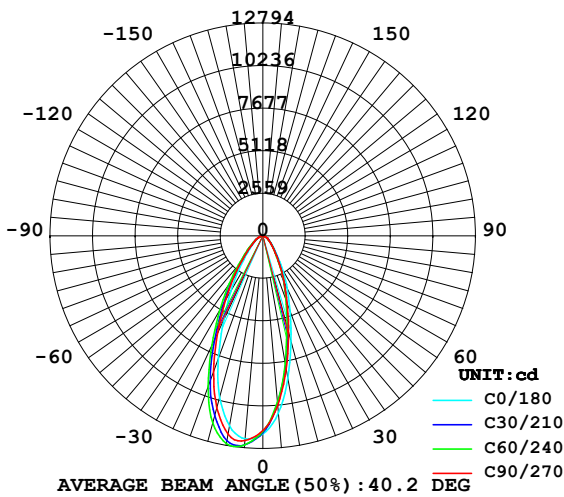
MANUFACTURER: FIBERLI	Address:PSL ELEKTRONIK ANTALYA	
NAME: WH9 MP108 CW 30D 60W 220V AC IP66	TYPE:WALL WASHER	WEIGHT:5.3
SPECIFICATION:WALL WASHER H9	DIMENSION: 475x310x70	SERIAL No.:

TEST DATA:					
MODEL:	WH9	Imax (cd) :	12817	η street_up(%) :	0.2
NOMINAL POWER(W) :	60	MAXIMUM(C, γ):	45,7.0	η street_down(%) :	60.7
RATED VOLTAGE (V) :	220	TOTAL FLUX(lm) :	8339	η house_up(%)	0.2
NOMINAL FLUX(lm) :	8339.0	EFFICIENCY(%) :	100.0	η house_down(%) :	39.0
TEST FLUX(lm:	8339	η up(%) :	0.4		
LAMPS QUANTITY:	1	η down(%) :	99.6		

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS

LUMINOUS INTENSITY DISTRIBUTION



Test:U:220.8V I:0.276A P:59.82W PF:0.978

Test System:LSG-1600
Temperature:24.0DEG
Operators:REGAIP DASTAN
Test Date:02-23-2017

Test Set: 2.0deg/s C-Gamma (TYPE C)
Humidity:50.0%
Test Distance:9.545 m
Remarks: WH9 MP108 CW 30D 60W 220V AC IP66

ZONAL FLUX DIAGRAM

Report number: 0001351

MANUFACTURER: FIBERLI	Address:PSL ELEKTRONIK ANTALYA	
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γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total
5.0	1225	1268	1235	1146	1072	1011	1026	1102	0- 5	274.6	274.6
10.0	1159	1269	1210	1008	870.1	783.8	812.0	959.5	5- 10	755.7	1030
15.0	1006	1153	1071	825.4	654.3	574.7	602.1	755.8	10- 15	1063	2094
20.0	782.1	958.9	867.6	619.9	478.6	411.6	426.1	559.0	15- 20	1170	3263
25.0	554.5	724.5	642.4	451.4	346.4	293.8	301.5	402.2	20- 25	1108	4372
30.0	388.4	508.7	450.8	320.8	239.4	200.9	207.5	279.1	25- 30	951.4	5323
35.0	258.0	344.8	306.1	220.4	162.3	139.8	140.5	184.4	30- 35	757.9	6081
40.0	168.3	224.2	199.6	148.6	113.4	101.1	98.65	127.3	35- 40	577.6	6659
45.0	113.7	148.6	131.7	103.0	81.05	74.28	71.94	90.17	40- 45	437.1	7096
50.0	79.61	100.3	90.16	73.54	59.09	55.54	54.47	65.68	45- 50	334.3	7430
55.0	59.46	71.24	65.64	54.75	45.48	42.22	41.36	49.61	50- 55	262.6	7693
60.0	45.34	52.53	49.78	41.55	34.78	31.14	30.71	36.68	55- 60	209.8	7903
65.0	31.88	36.88	36.04	30.00	24.60	22.00	21.51	25.90	60- 65	160.7	8063
70.0	21.11	24.60	25.50	19.86	15.80	13.88	13.31	16.73	65- 70	114.3	8178
75.0	12.55	14.95	16.13	11.76	8.746	7.352	6.878	9.320	70- 75	73.06	8251
80.0	5.931	7.525	8.445	5.557	3.598	2.796	2.432	3.972	75- 80	38.65	8290
85.0	1.840	2.569	3.161	1.639	0.765	0.729	0.446	1.056	80- 85	14.72	8304
90.0	0.583	0.501	0.784	0.346	0.319	0.519	0.328	0.528	85- 90	4.133	8308
95.0	0.510	0.319	0.528	0.328	0.346	0.501	0.355	0.501	90- 95	2.345	8311
100.0	0.501	0.337	0.501	0.355	0.383	0.510	0.392	0.492	95-100	2.317	8313
105.0	0.501	0.374	0.492	0.383	0.419	0.538	0.437	0.510	100-105	2.382	8315
110.0	0.519	0.401	0.510	0.428	0.474	0.583	0.501	0.538	105-110	2.490	8318
115.0	0.556	0.446	0.528	0.483	0.547	0.647	0.583	0.574	110-115	2.647	8321
120.0	0.610	0.510	0.574	0.556	0.638	0.765	0.711	0.647	115-120	2.867	8323
125.0	0.683	0.583	0.638	0.656	0.784	0.938	0.884	0.756	120-125	3.182	8327
130.0	0.802	0.692	0.729	0.802	0.984	1.184	1.120	0.911	125-130	3.606	8330
135.0	0.966	0.829	0.866	0.993	1.239	1.503	1.421	1.120	130-135	4.124	8334
140.0	1.175	1.020	1.056	1.248	1.567	1.867	1.776	1.393	135-140	4.700	8339
145.0	0	0	0	0	0	0	0	0	140-145	0	8339
150.0	0	0	0	0	0	0	0	0	145-150	0	8339
155.0	0	0	0	0	0	0	0	0	150-155	0	8339
160.0	0	0	0	0	0	0	0	0	155-160	0	8339
165.0	0	0	0	0	0	0	0	0	160-165	0	8339
170.0	0	0	0	0	0	0	0	0	165-170	0	8339
175.0	0	0	0	0	0	0	0	0	170-175	0	8339
180.0	0	0	0	0	0	0	0	0	175-180	0	8339
DEG	LUMINOUS INTENSITY:;Å10cd									UNIT:lm	

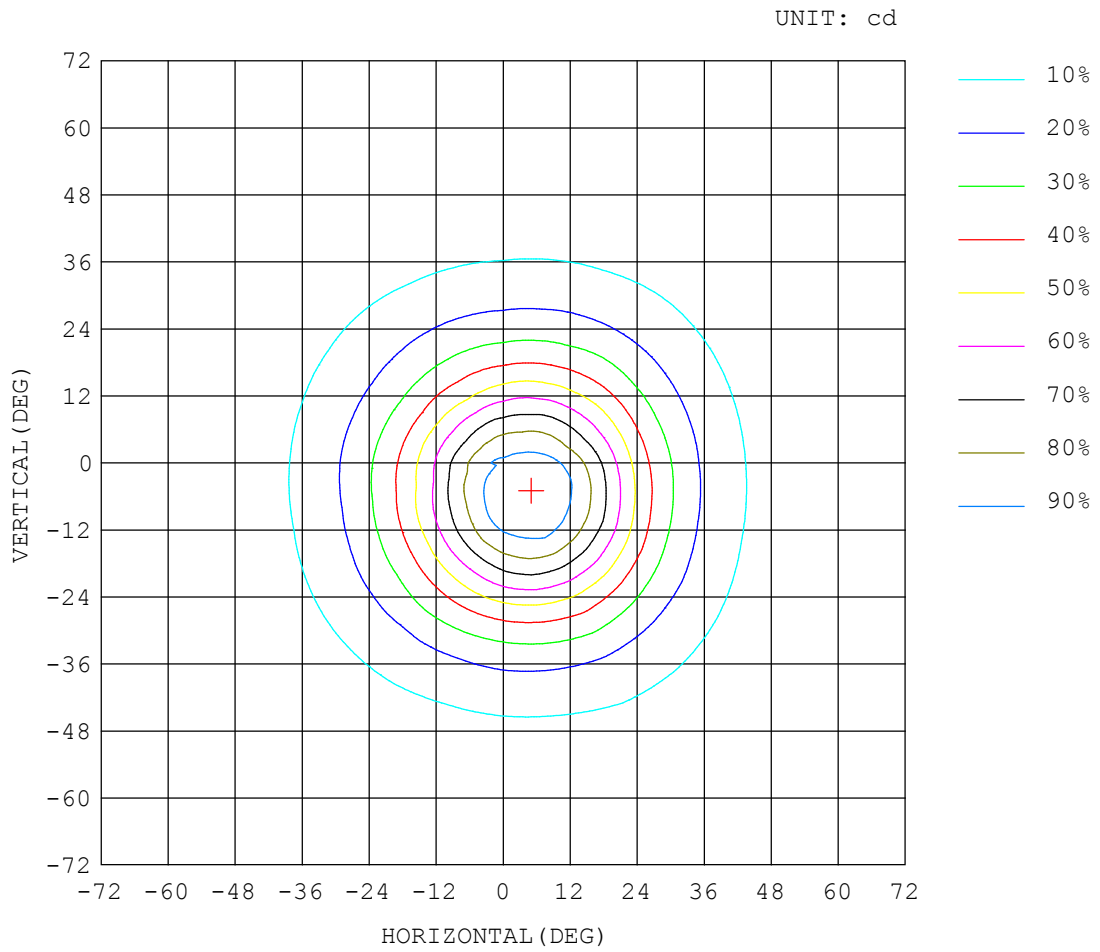
Test System:LSG-1600
 Temperature:24.0DEG
 Operators:REGAIP DASTAN
 Test Date:02-23-2017

Test Set: 2.0deg/s C-Gamma (TYPE C)
 Humidity:50.0%
 Test Distance:9.545 m
 Remarks: WH9 MP108 CW 30D 60W 220V AC IP66

ISOCANDELA DIAGRAM

Report number: 0001351

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



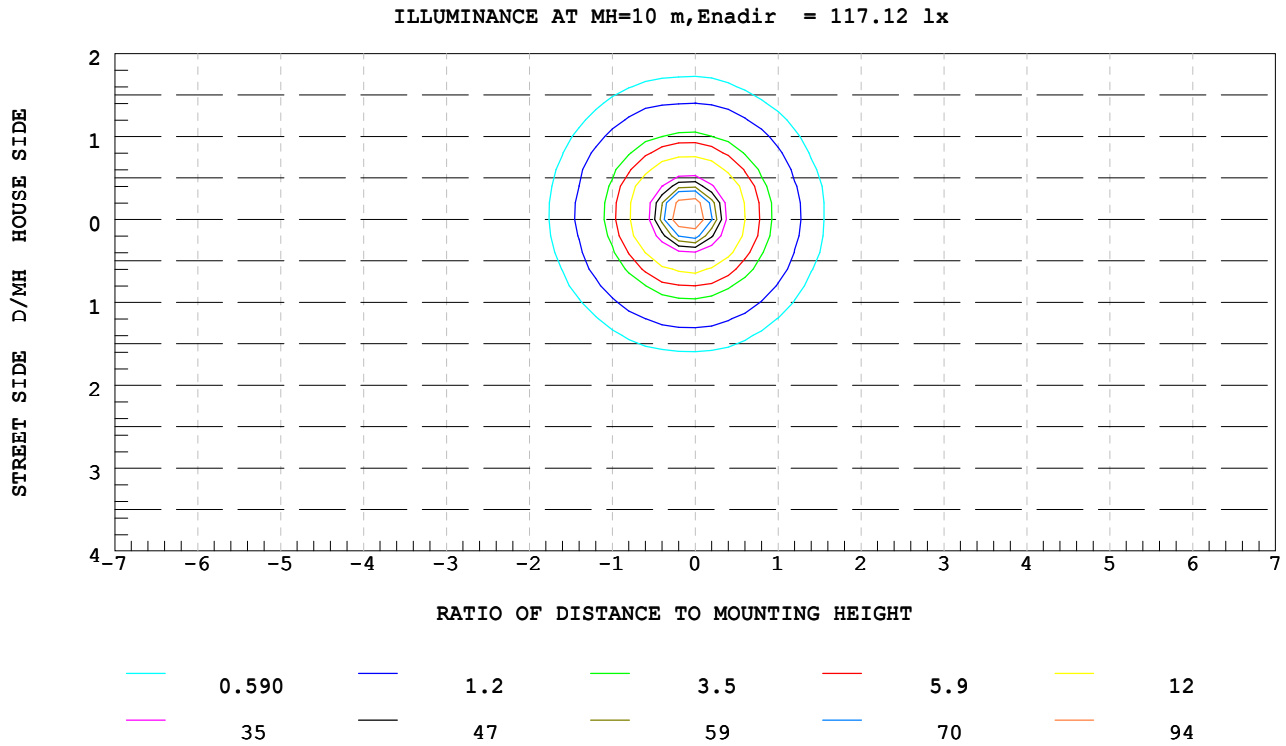
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ISOLUX DIAGRAM

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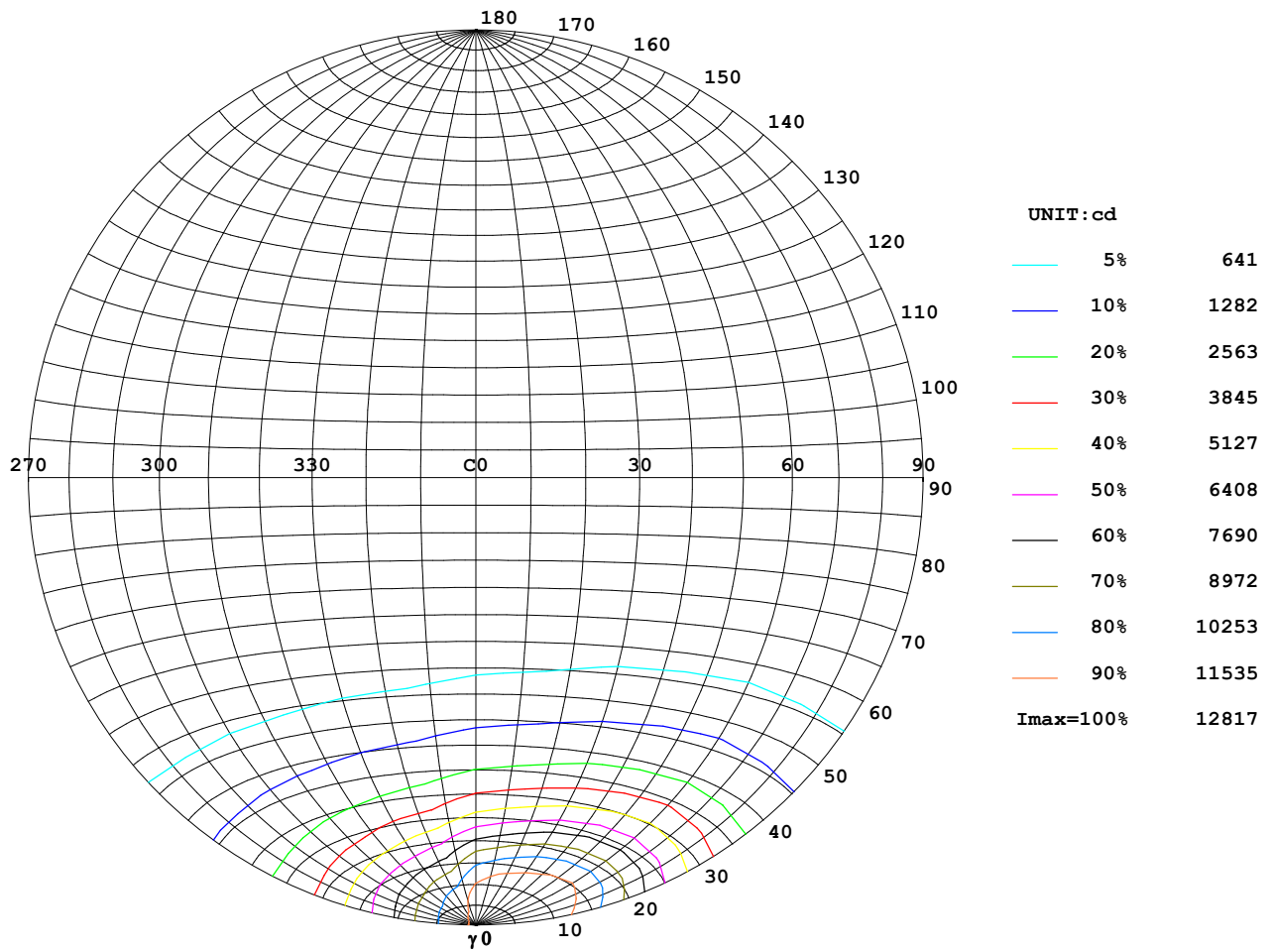
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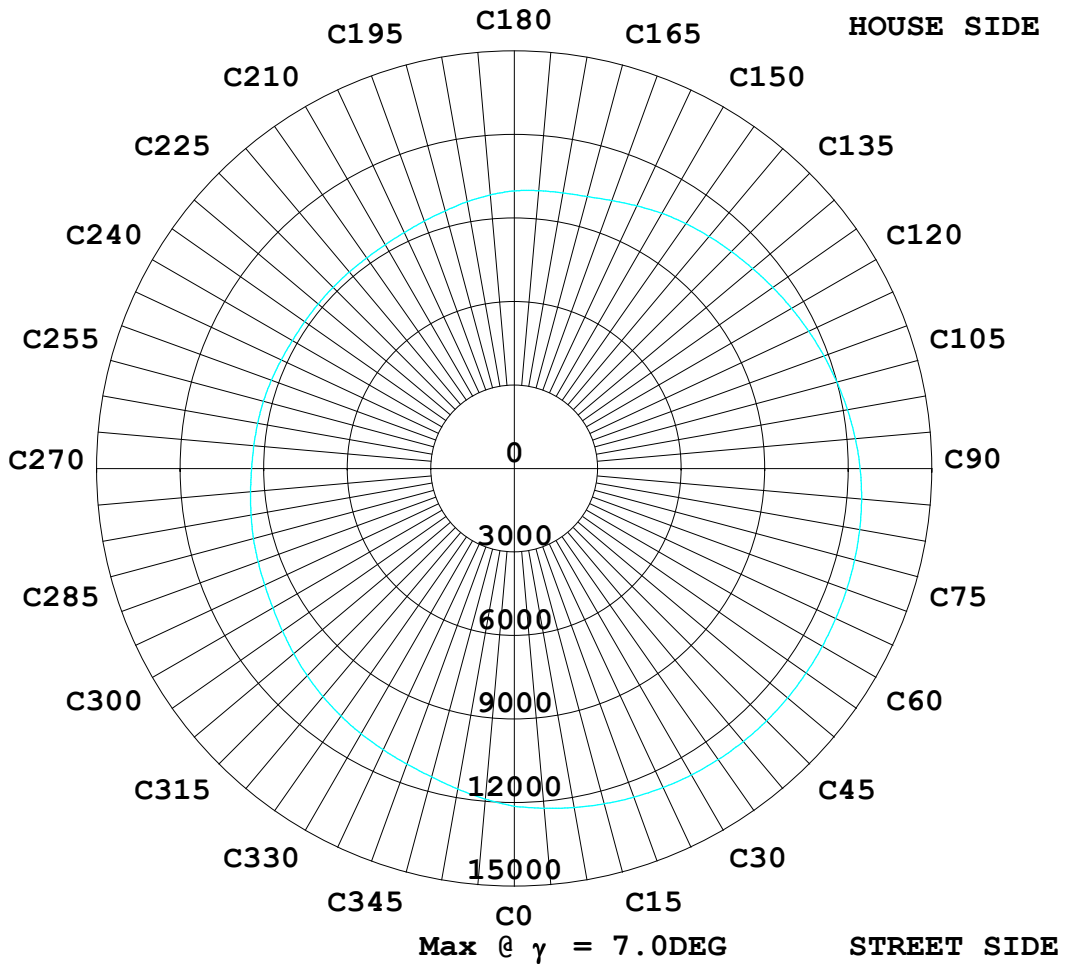
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LUMINOUS DISTRIBUTION INTENSITY DATA

Report number: 0001351

MANUFACTURER: FIBERLI	Address:PSL ELEKTRONIK ANTALYA	
NAME: WH9 MP108 CW 30D 60W 220V AC IP66	TYPE:WALL WASHER	WEIGHT:5.3
SPECIFICATION:WALL WASHER H9	DIMENSION: 475x310x70	SERIAL No.:

UNIT: μ A10cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	1191	1189	1185	1182	1177	1176	1171	1170	1167	1166	1165	1166	1191	1189	1185
5.0	1225	1247	1262	1268	1262	1253	1235	1212	1180	1146	1111	1073	1072	1043	1018
10.0	1159	1220	1251	1269	1268	1242	1210	1152	1078	1008	954	897	870	828	796
15.0	1006	1078	1120	1153	1166	1121	1071	998	908	825	753	683	654	620	586
20.0	782	857	928	959	962	930	868	779	701	620	560	507	479	446	420
25.0	555	616	686	725	726	694	642	579	514	451	404	366	346	319	300
30.0	388	429	475	509	520	489	451	411	372	321	288	254	239	222	208
35.0	258	286	322	345	357	332	306	274	249	220	196	171	162	152	144
40.0	168	186	212	224	228	215	200	178	165	149	134	120	113	106	102
45.0	114	123	139	149	150	141	132	120	114	103	94.9	86.1	81.0	77.3	74.4
50.0	79.6	84.9	94.9	100	103	95.3	90.1	83.2	80.0	73.5	68.9	62.8	59.0	58.0	55.7
55.0	59.4	62.6	69.2	71.2	72.5	68.1	65.6	60.9	58.6	54.7	52.0	47.9	45.4	44.9	42.6
60.0	45.3	48.1	52.1	52.5	52.6	50.8	49.7	46.4	44.6	41.5	39.5	36.5	34.7	33.8	31.4
65.0	31.8	33.6	36.8	36.8	37.8	36.3	36.0	33.6	32.6	30.0	28.3	26.0	24.6	24.2	22.1
70.0	21.1	22.2	24.8	24.6	25.9	25.0	25.5	23.2	22.4	19.8	19.2	16.9	15.8	15.7	13.9
75.0	12.5	13.2	15.1	14.9	16.1	15.3	16.1	14.0	13.6	11.7	11.4	9.77	8.74	8.76	7.34
80.0	5.93	6.24	7.68	7.52	8.45	7.90	8.44	7.01	6.85	5.55	5.39	4.20	3.59	3.59	2.65
85.0	1.84	1.87	2.71	2.56	3.17	2.78	3.16	2.35	2.38	1.63	1.66	1.02	0.77	0.89	0.50
90.0	0.58	0.38	0.74	0.50	0.83	0.52	0.78	0.45	0.67	0.35	0.55	0.32	0.32	0.53	0.32
95.0	0.51	0.33	0.52	0.32	0.52	0.32	0.53	0.32	0.51	0.33	0.51	0.34	0.35	0.50	0.35
100.0	0.50	0.35	0.50	0.34	0.49	0.34	0.50	0.34	0.49	0.36	0.50	0.36	0.38	0.50	0.38
105.0	0.50	0.38	0.49	0.37	0.49	0.36	0.49	0.37	0.50	0.38	0.51	0.41	0.42	0.52	0.44
110.0	0.52	0.42	0.51	0.40	0.50	0.40	0.51	0.41	0.51	0.43	0.53	0.46	0.47	0.56	0.49
115.0	0.56	0.46	0.54	0.45	0.53	0.46	0.53	0.46	0.55	0.48	0.57	0.53	0.55	0.62	0.58
120.0	0.61	0.53	0.57	0.51	0.56	0.51	0.57	0.52	0.59	0.56	0.63	0.61	0.64	0.71	0.70
125.0	0.68	0.61	0.65	0.58	0.62	0.58	0.64	0.60	0.67	0.66	0.74	0.74	0.78	0.86	0.87
130.0	0.80	0.73	0.74	0.69	0.71	0.68	0.73	0.72	0.78	0.80	0.87	0.92	0.98	1.05	1.12
135.0	0.97	0.89	0.87	0.83	0.84	0.82	0.87	0.87	0.95	0.99	1.08	1.16	1.23	1.33	1.43
140.0	1.17	1.10	1.05	1.02	1.02	1.01	1.05	1.09	1.16	1.24	1.35	1.48	1.56	1.68	1.79
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: ;Å10cd

C (DEG) γ (DEG)	225	240	255	270	285	300	315	330	345
0.0	1182	1177	1176	1171	1170	1167	1166	1165	1166
5.0	1011	1007	1017	1026	1046	1067	1102	1136	1170
10.0	784	777	794	812	850	894	960	1018	1072
15.0	575	564	579	602	645	691	756	829	906
20.0	412	409	416	426	460	502	559	628	699
25.0	294	296	296	302	324	357	402	444	496
30.0	201	196	198	208	224	249	279	315	343
35.0	140	135	136	141	152	164	184	208	233
40.0	101	99.2	98.8	98.6	106	114	127	140	155
45.0	74.2	72.1	72.3	71.9	76.1	81.5	90.1	96.5	105
50.0	55.5	53.4	54.2	54.4	57.2	60.1	65.6	69.7	74.6
55.0	42.2	40.2	41.3	41.3	43.8	45.3	49.6	52.3	56.0
60.0	31.1	30.0	30.5	30.7	32.5	33.3	36.6	38.3	42.2
65.0	22.0	20.8	21.8	21.5	23.5	23.4	25.9	27.0	29.6
70.0	13.8	12.9	13.5	13.3	14.7	14.8	16.7	17.3	19.5
75.0	7.35	6.54	7.17	6.87	7.96	7.88	9.32	9.66	11.4
80.0	2.79	2.25	2.70	2.43	3.13	3.04	3.97	4.05	5.26
85.0	0.73	0.42	0.68	0.45	0.78	0.60	1.05	0.90	1.51
90.0	0.52	0.33	0.52	0.33	0.52	0.32	0.53	0.31	0.54
95.0	0.50	0.36	0.50	0.36	0.50	0.35	0.50	0.33	0.50
100.0	0.51	0.40	0.51	0.39	0.50	0.37	0.49	0.36	0.49
105.0	0.54	0.45	0.54	0.44	0.53	0.41	0.51	0.39	0.50
110.0	0.58	0.51	0.58	0.50	0.56	0.46	0.54	0.44	0.51
115.0	0.65	0.60	0.66	0.58	0.62	0.54	0.57	0.49	0.55
120.0	0.77	0.74	0.77	0.71	0.71	0.64	0.65	0.56	0.59
125.0	0.94	0.93	0.94	0.88	0.86	0.77	0.76	0.67	0.67
130.0	1.18	1.18	1.18	1.12	1.05	0.97	0.91	0.82	0.79
135.0	1.50	1.51	1.49	1.42	1.32	1.21	1.12	1.01	0.97
140.0	1.86	1.89	1.85	1.77	1.65	1.52	1.39	1.26	1.18
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

Test System:LSG-1600
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