

PHOTOMETRIC TEST REPORT

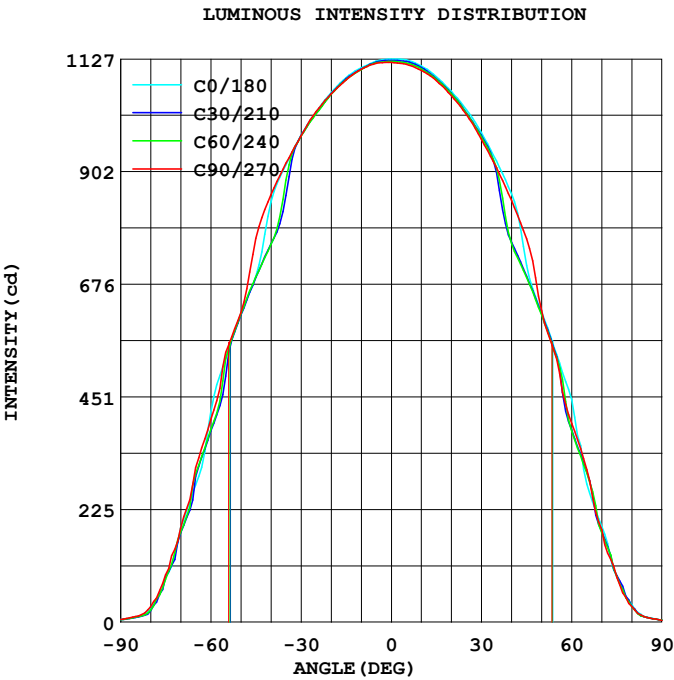
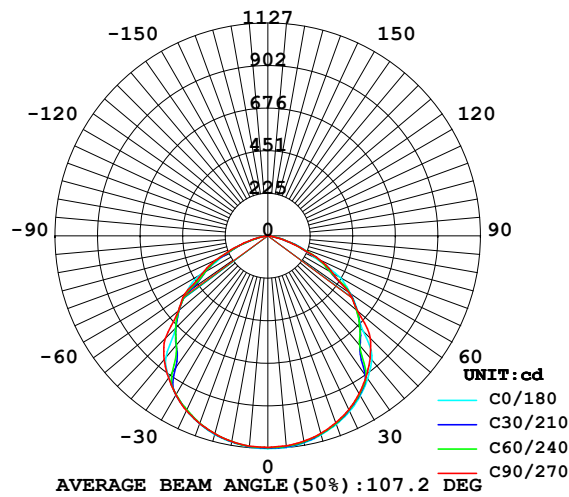
Report number: 0001605

MANUFACTURER: FIBERLI	Address:PSL ELEKTRONIK ANTALYA	
NAME: WS SMALL 72LED CW 120D 25W 220V IP66	TYPE:WALL WASHER	WEIGHT:
SPECIFICATION:WALL WASHER	DIMENSION: 210*142*73	SERIAL No.:

TEST DATA:					
MODEL:	WS S	Imax(cd) :	1127	η street_up(%) :	0.4
NOMINAL POWER(W) :	25	MAXIMUM(C, γ):	0,0.0	η street_down(%) :	53.0
RATED VOLTAGE(V) :	220	TOTAL FLUX(lm) :	2876	η house_up(%) :	0.4
NOMINAL FLUX(lm) :	2875.6	EFFICIENCY(%) :	100.0	η house_down(%) :	46.2
TEST FLUX(lm:	2876	η up(%) :	0.8		
LAMPS QUANTITY:	1	η down(%) :	99.2		

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS



Test:U:220.8V I:0.115A P:24.83W PF:0.955

Test System:LSG-1600
Temperature:24.1DEG
Operators:REGAIP DASTAN
Test Date:10-24-2017

Test Set: 2.0deg/s C-Gamma (TYPE C)
Humidity:55.0%
Test Distance:9.545 m
Remarks: WS S 72LED CW 120D 25W 220V

ZONAL FLUX DIAGRAM

Report number: 0001605

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γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total
5.0	1122	1120	1118	1116	1125	1120	1116	1113	0- 5	26.75	26.75
10.0	1109	1105	1106	1105	1113	1109	1104	1100	5- 10	79.46	106.2
15.0	1090	1084	1085	1083	1092	1088	1083	1079	10- 15	129.6	235.9
20.0	1060	1053	1057	1056	1062	1059	1054	1050	15- 20	175.8	411.7
25.0	1020	1015	1021	1020	1026	1021	1016	1009	20- 25	216.6	628.3
30.0	974.0	969.1	972.8	974.8	979.3	973.8	966.0	962.8	25- 30	250.5	878.9
35.0	914.9	840.1	918.1	920.5	922.8	892.3	909.6	905.6	30- 35	275.0	1154
40.0	840.3	752.6	854.9	858.4	857.0	761.3	843.8	847.7	35- 40	283.8	1438
45.0	691.5	683.7	767.9	786.6	713.9	695.3	767.4	772.4	40- 45	283.7	1722
50.0	617.5	605.8	618.6	649.8	620.8	622.3	622.7	632.1	45- 50	273.8	1995
55.0	528.7	470.9	539.6	550.5	535.1	535.8	526.5	544.9	50- 55	249.1	2245
60.0	418.5	372.9	404.8	455.9	444.7	391.6	397.5	431.5	55- 60	211.4	2456
65.0	274.6	264.2	309.2	335.5	276.2	305.8	305.1	296.3	60- 65	168.3	2624
70.0	188.8	169.0	188.1	223.3	191.2	189.7	184.5	210.0	65- 70	117.3	2742
75.0	89.46	80.72	94.20	119.7	90.28	99.39	89.10	105.4	70- 75	68.51	2810
80.0	28.78	18.40	30.61	43.36	35.16	35.25	30.79	40.45	75- 80	29.39	2840
85.0	10.38	6.104	10.93	9.657	9.748	12.48	9.292	11.66	80- 85	8.756	2848
90.0	5.193	2.733	5.375	3.735	3.917	6.559	3.644	5.101	85- 90	3.654	2852
95.0	4.737	3.006	4.737	3.006	3.006	4.646	2.824	4.828	90- 95	2.127	2854
100.0	4.737	3.279	4.646	3.279	3.279	4.555	3.188	4.737	95-100	2.126	2856
105.0	4.828	3.644	4.737	3.644	3.553	4.646	3.553	4.919	100-105	2.191	2859
110.0	4.919	4.008	5.010	4.099	4.008	4.737	3.917	5.101	105-110	2.281	2861
115.0	5.284	4.464	5.284	4.555	4.373	5.010	4.373	5.375	110-115	2.375	2863
120.0	5.557	4.919	5.557	5.101	4.828	5.284	4.828	5.648	115-120	2.451	2866
125.0	5.921	5.284	5.830	5.466	5.284	5.557	5.193	6.013	120-125	2.501	2868
130.0	6.286	5.830	6.195	5.921	5.648	5.921	5.648	6.286	125-130	2.514	2871
135.0	6.468	6.195	6.468	6.286	6.104	6.286	6.013	6.650	130-135	2.483	2873
140.0	6.741	6.650	6.741	6.741	6.559	6.559	6.377	6.833	135-140	2.404	2876
145.0	0	0	0	0	0	0	0	0	140-145	0	2876
150.0	0	0	0	0	0	0	0	0	145-150	0	2876
155.0	0	0	0	0	0	0	0	0	150-155	0	2876
160.0	0	0	0	0	0	0	0	0	155-160	0	2876
165.0	0	0	0	0	0	0	0	0	160-165	0	2876
170.0	0	0	0	0	0	0	0	0	165-170	0	2876
175.0	0	0	0	0	0	0	0	0	170-175	0	2876
180.0	0	0	0	0	0	0	0	0	175-180	0	2876
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

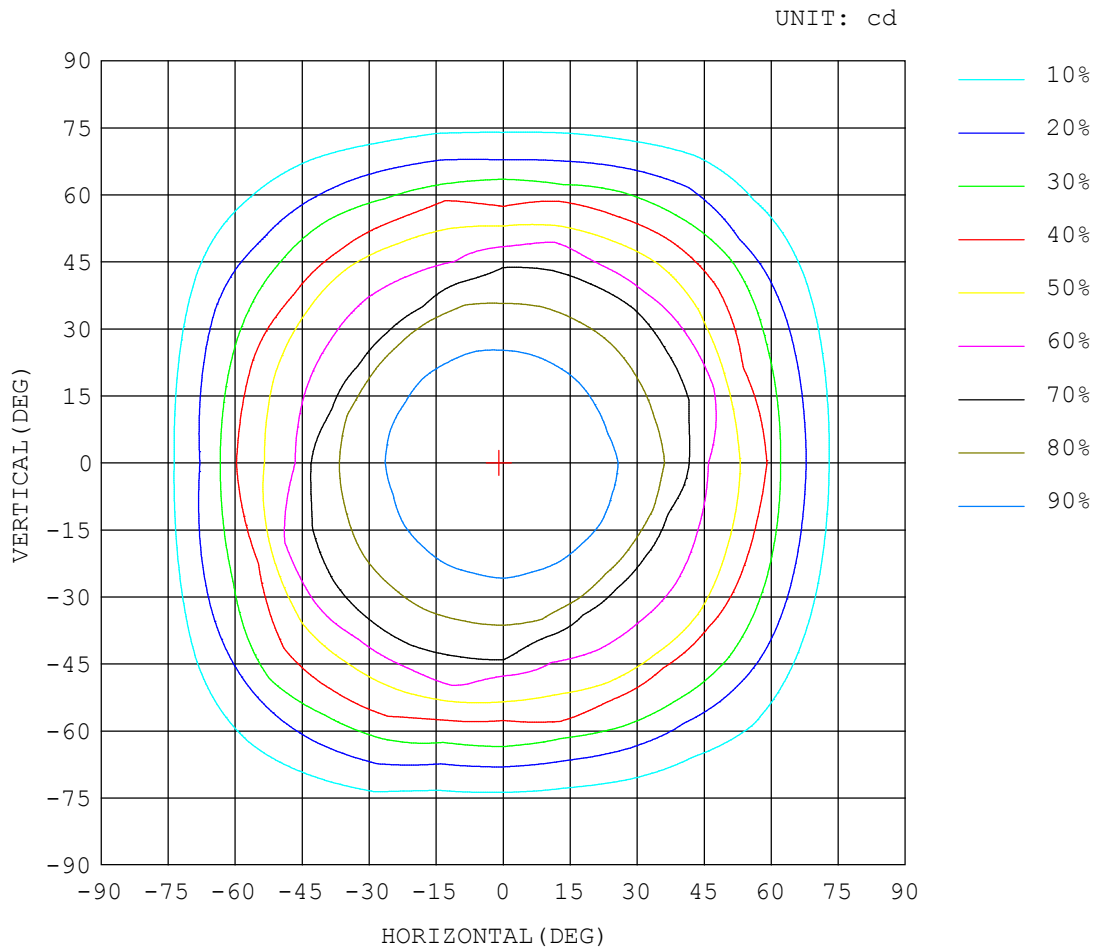
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 Operators:REGAIP DASTAN
 Test Date:10-24-2017

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ISOCANDELA DIAGRAM

Report number: 0001605

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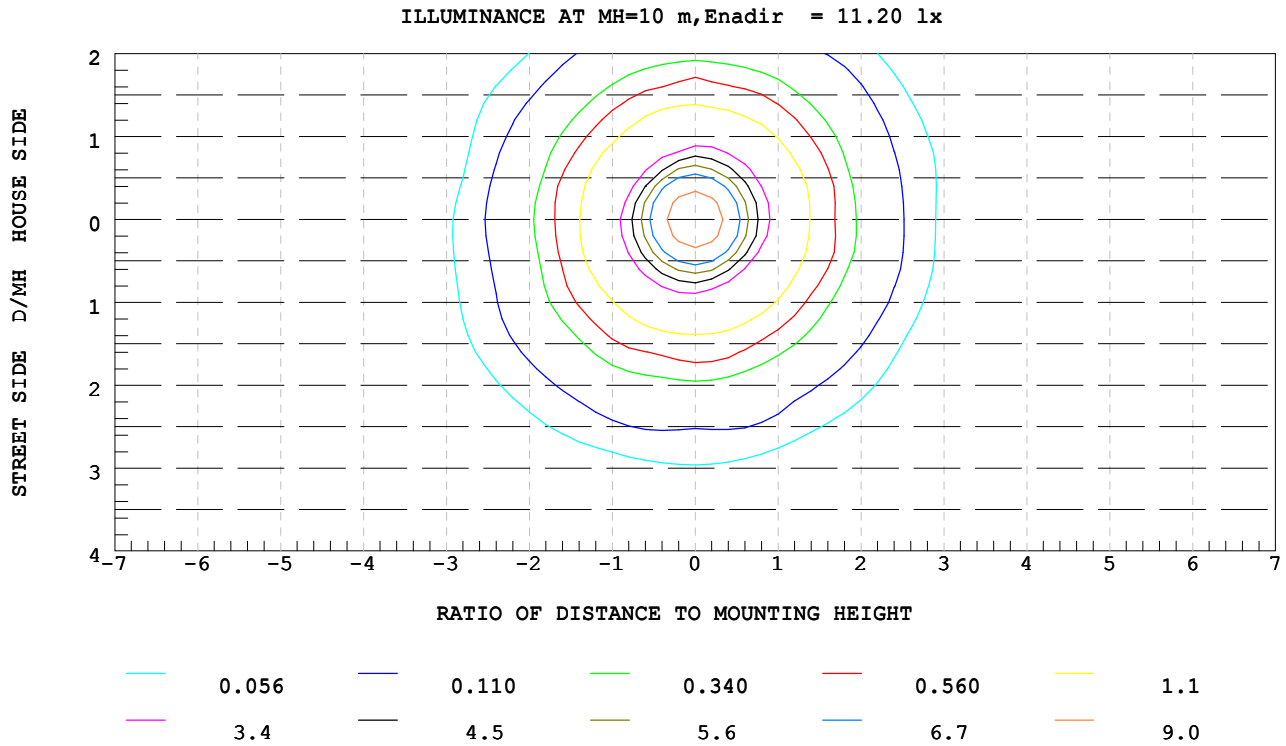
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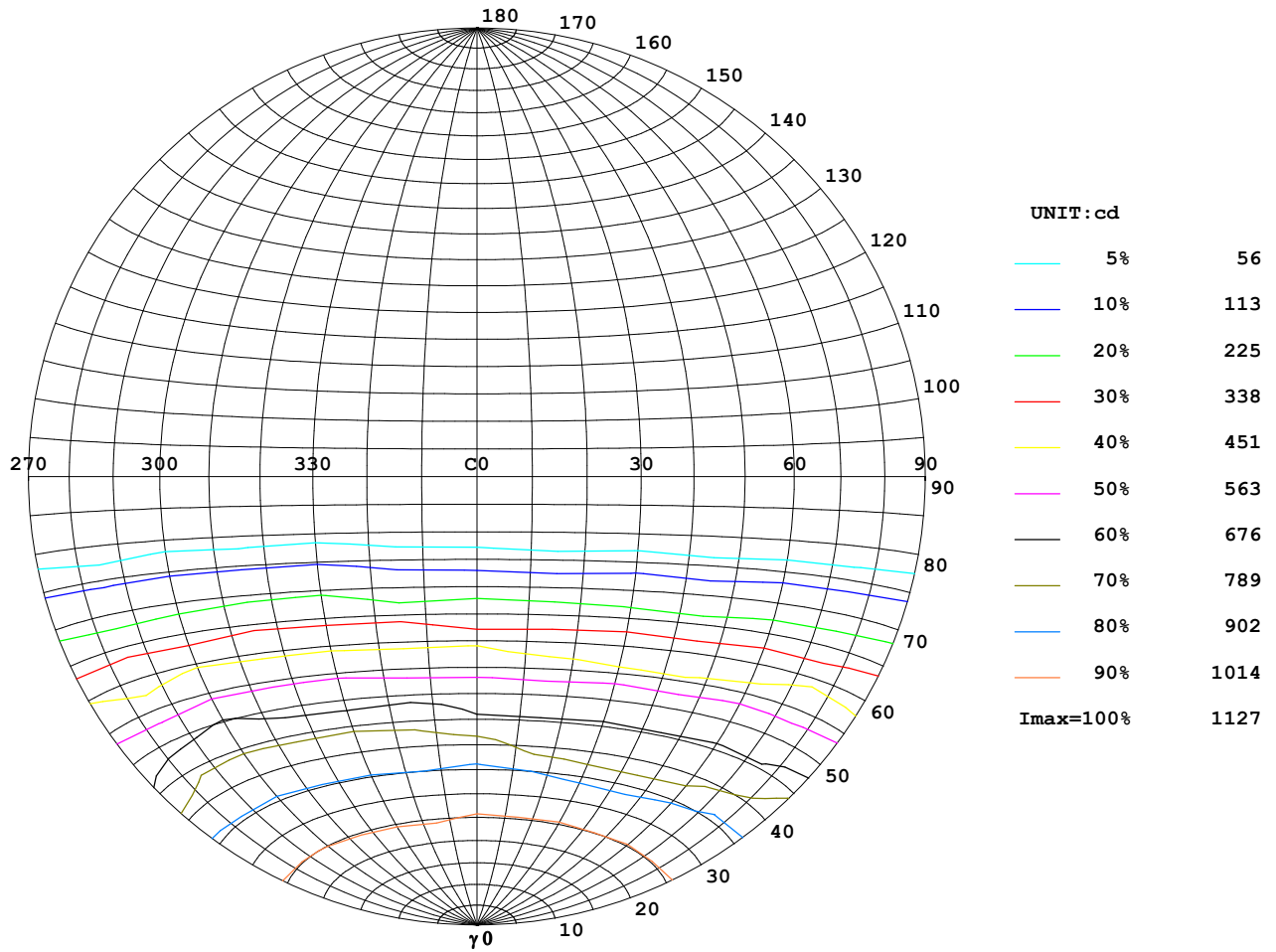
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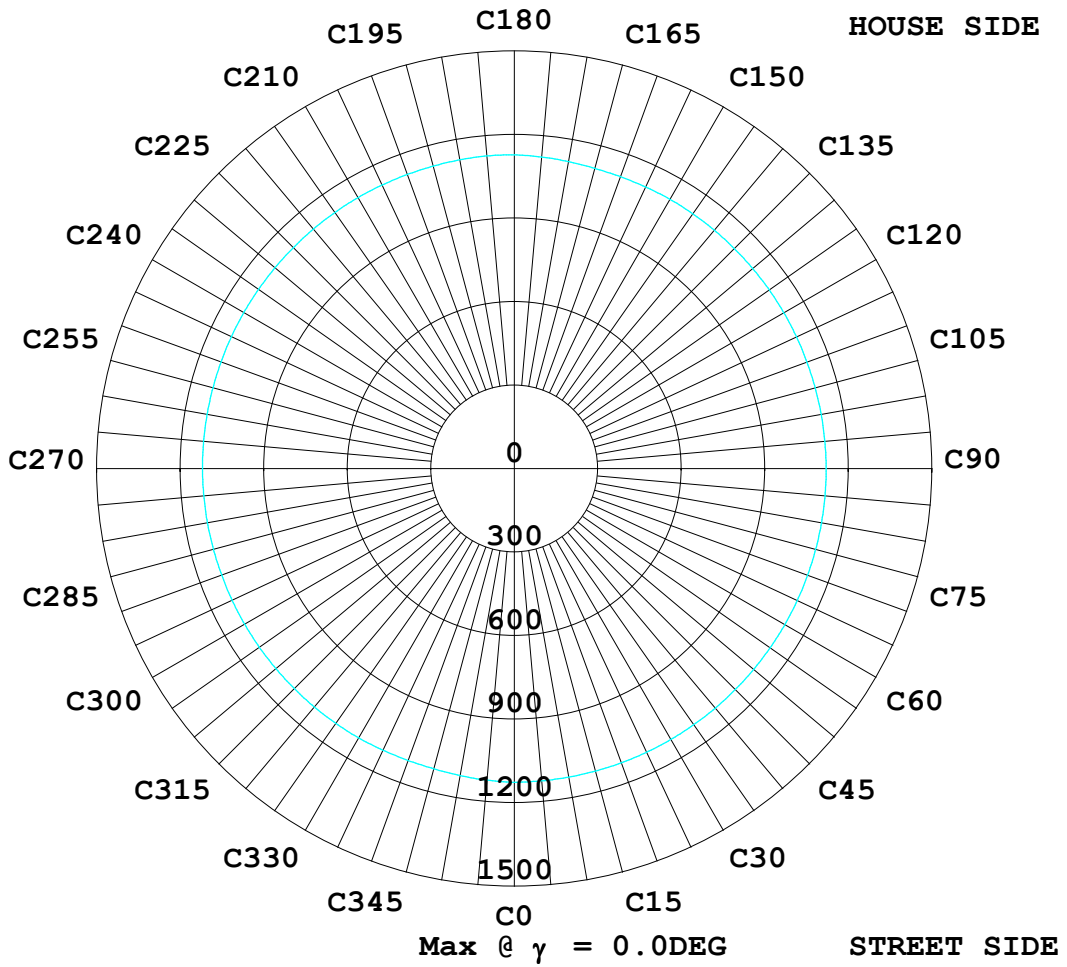
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LUMINOUS DISTRIBUTION INTENSITY DATA

Report number: 0001605

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SPECIFICATION:WALL WASHER				DIMENSION: 210*142*73		SERIAL No.:	

UNIT: cd

γ (DEG)	C (DEG)														
	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	1127	1125	1124	1123	1122	1121	1120	1119	1119	1118	1118	1117	1127	1125	1124
5.0	1122	1121	1121	1120	1119	1119	1118	1118	1117	1116	1116	1115	1125	1123	1122
10.0	1109	1107	1107	1105	1106	1106	1106	1106	1106	1105	1105	1104	1113	1112	1110
15.0	1090	1087	1087	1084	1085	1085	1085	1084	1085	1083	1085	1083	1092	1090	1087
20.0	1060	1058	1057	1053	1056	1055	1057	1055	1057	1056	1057	1056	1062	1062	1058
25.0	1020	1017	1018	1015	1017	1016	1021	1019	1021	1020	1022	1019	1026	1024	1019
30.0	974	971	973	969	972	970	973	972	978	975	979	974	979	978	973
35.0	915	902	854	840	884	914	918	918	923	921	925	921	923	922	900
40.0	840	751	756	753	755	789	855	854	860	858	863	856	857	785	760
45.0	692	686	689	684	691	687	768	778	787	787	790	783	714	697	692
50.0	618	608	614	606	616	611	619	703	656	650	709	699	621	625	617
55.0	529	520	493	471	527	526	540	549	555	551	565	529	535	542	531
60.0	419	375	382	373	385	399	405	406	458	456	463	407	445	404	384
65.0	275	287	291	264	297	270	309	309	342	336	364	321	276	310	301
70.0	189	158	178	169	180	159	188	194	228	223	215	206	191	192	181
75.0	89.4	76.4	90.0	80.7	85.5	76.4	94.2	90.7	124	120	119	111	90.2	93.7	93.0
80.0	28.7	22.1	22.4	18.4	23.3	23.0	30.6	32.4	43.7	43.3	49.4	38.6	35.1	39.0	30.8
85.0	10.3	6.83	9.29	6.10	9.74	7.28	10.9	8.56	12.6	9.65	13.8	10.8	9.74	13.0	9.38
90.0	5.19	2.91	5.01	2.73	5.01	2.91	5.37	3.18	5.64	3.73	6.92	4.55	3.91	6.55	4.19
95.0	4.73	3.00	4.73	3.00	4.64	3.00	4.73	3.00	4.91	3.00	4.91	2.91	3.00	4.73	2.82
100.0	4.73	3.37	4.64	3.27	4.64	3.27	4.64	3.37	4.82	3.27	4.82	3.18	3.27	4.64	3.09
105.0	4.82	3.64	4.73	3.64	4.73	3.64	4.73	3.64	4.91	3.64	4.82	3.55	3.55	4.73	3.55
110.0	4.91	4.00	4.91	4.00	4.91	4.09	5.01	4.19	5.10	4.09	5.01	4.00	4.00	4.82	3.91
115.0	5.28	4.46	5.19	4.46	5.19	4.46	5.28	4.55	5.37	4.55	5.37	4.46	4.37	5.01	4.28
120.0	5.55	4.91	5.46	4.91	5.46	4.91	5.55	5.01	5.64	5.10	5.64	4.82	4.82	5.28	4.64
125.0	5.92	5.37	5.83	5.28	5.83	5.28	5.83	5.46	6.01	5.46	5.92	5.37	5.28	5.64	5.10
130.0	6.28	5.73	6.10	5.83	6.19	5.73	6.19	5.83	6.28	5.92	6.28	5.73	5.64	5.92	5.55
135.0	6.46	6.19	6.46	6.19	6.46	6.19	6.46	6.19	6.65	6.28	6.55	6.10	6.10	6.28	5.92
140.0	6.74	6.55	6.74	6.65	6.83	6.55	6.74	6.65	6.83	6.74	6.83	6.55	6.55	6.65	6.46
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	1123	1122	1121	1120	1119	1119	1118	1118	1117
5.0	1120	1119	1118	1116	1115	1114	1113	1112	1112
10.0	1109	1107	1106	1104	1104	1101	1100	1100	1099
15.0	1088	1086	1087	1083	1082	1078	1079	1078	1077
20.0	1059	1057	1058	1054	1052	1047	1050	1047	1048
25.0	1021	1018	1020	1016	1014	1011	1009	1006	1008
30.0	974	971	972	966	966	963	963	959	960
35.0	892	910	916	910	912	907	906	902	903
40.0	761	757	832	844	847	845	848	837	835
45.0	695	690	692	767	774	769	772	761	766
50.0	622	615	617	623	689	630	632	626	658
55.0	536	529	535	527	546	544	545	534	478
60.0	392	382	442	398	428	426	432	419	390
65.0	306	299	291	305	306	298	296	285	296
70.0	190	178	199	185	197	204	210	177	163
75.0	99.3	91.2	104	89.1	99.2	103	105	88.1	84.1
80.0	35.2	30.1	36.4	30.7	36.8	35.7	40.4	30.3	24.3
85.0	12.4	9.47	12.8	9.29	12.3	8.83	11.6	7.83	10.2
90.0	6.55	3.91	6.37	3.64	5.73	2.73	5.10	2.82	5.01
95.0	4.64	2.91	4.73	2.82	4.82	3.00	4.82	3.00	4.73
100.0	4.55	3.18	4.64	3.18	4.64	3.27	4.73	3.37	4.64
105.0	4.64	3.55	4.64	3.55	4.82	3.64	4.91	3.73	4.73
110.0	4.73	3.82	4.82	3.91	4.91	4.09	5.10	4.09	4.91
115.0	5.01	4.28	5.10	4.37	5.28	4.46	5.37	4.55	5.19
120.0	5.28	4.64	5.28	4.82	5.46	5.01	5.64	5.01	5.55
125.0	5.55	5.10	5.55	5.19	5.83	5.37	6.01	5.46	5.83
130.0	5.92	5.55	5.92	5.64	6.10	5.83	6.28	5.83	6.01
135.0	6.28	5.92	6.19	6.01	6.37	6.19	6.65	6.10	6.37
140.0	6.55	6.37	6.55	6.37	6.74	6.65	6.83	6.55	6.55
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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