

PHOTOMETRIC TEST REPORT

Report number: 0001606

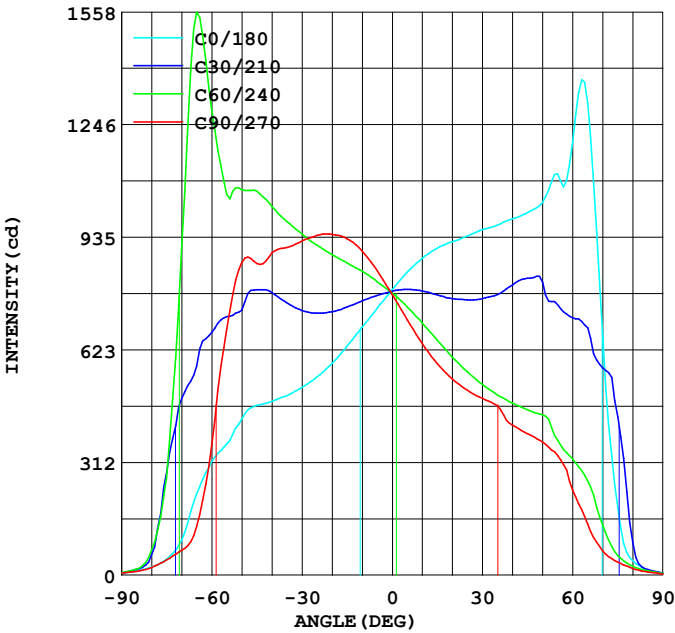
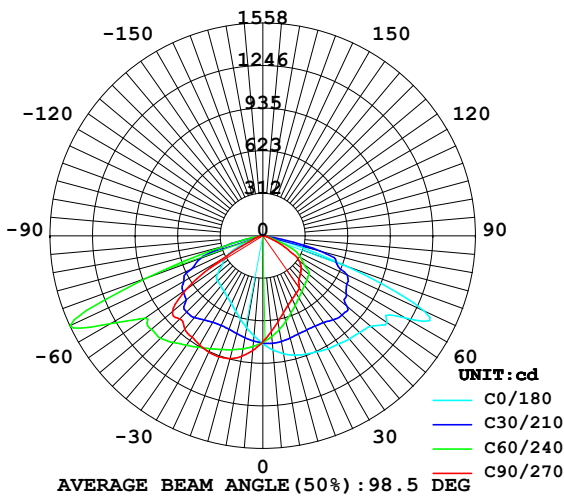
MANUFACTURER: FIBERLI	Address:PSL ELEKTRONIK ANTALYA	
NAME: WS SMALL CW 90x120D 25W 220V IP66	TYPE:WALL WASHER	WEIGHT:
SPECIFICATION:WALL WASHER	DIMENSION: 210*142*73	SERIAL No.:

TEST DATA:					
MODEL:	WS S	Imax (cd) :	1558	η street_up(%) :	0.5
NOMINAL POWER(W) :	25	MAXIMUM(C, γ):	60,65.0	η street_down(%) :	49.5
RATED VOLTAGE (V) :	220	TOTAL FLUX(lm) :	2672	η house_up(%)	0.4
NOMINAL FLUX(lm) :	2672.4	EFFICIENCY(%) :	100.0	η house_down(%) :	49.6
TEST FLUX(lm:	2672	η up(%) :	0.9		
LAMPS QUANTITY:	1	η down(%) :	99.1		

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS

LUMINOUS INTENSITY DISTRIBUTION



Test:U:221.1V I:0.114A P:24.49W PF:0.970

Test System:LSG-1600
Temperature:24.3DEG
Operators:REGAIP DASTAN
Test Date:10-24-2017

Test Set: 2.0deg/s C-Gamma (TYPE C)
Humidity:54.0%
Test Distance:9.545 m
Remarks: WS SMALL CW 90x120D 25W 220V IP66

ZONAL FLUX DIAGRAM

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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	738.3	793.1	842.4	857.0	838.0	765.2	706.7	692.1	0- 5	18.60	18.60
10.0	685.4	799.2	896.5	919.9	876.4	739.6	640.3	620.8	5- 10	55.33	73.93
15.0	633.6	805.9	930.7	953.4	904.8	707.5	585.1	568.1	10- 15	90.63	164.5
20.0	586.0	817.9	942.5	955.8	922.1	675.9	542.4	531.1	15- 20	123.7	288.3
25.0	548.3	838.7	939.7	936.4	938.2	645.4	511.5	507.8	20- 25	154.6	443.0
30.0	519.4	872.8	924.0	909.8	955.8	620.8	489.0	499.8	25- 30	183.7	626.7
35.0	496.6	916.9	906.0	883.0	968.1	604.6	468.0	458.0	30- 35	210.9	837.6
40.0	480.5	978.9	891.0	827.7	986.2	594.0	415.3	452.9	35- 40	235.2	1073
45.0	469.4	1012	862.2	819.9	1003	585.0	391.0	413.3	40- 45	258.3	1331
50.0	431.7	961.0	864.8	678.6	1032	573.7	367.7	380.4	45- 50	273.9	1605
55.0	363.0	917.4	680.7	434.3	1110	517.7	330.4	295.7	50- 55	268.9	1874
60.0	314.1	915.7	358.4	240.7	1201	477.5	234.3	218.2	55- 60	247.0	2121
65.0	224.4	925.1	134.5	113.1	1305	433.0	140.6	111.9	60- 65	215.9	2337
70.0	96.11	964.1	68.42	65.87	658.1	312.2	66.05	76.98	65- 70	160.9	2498
75.0	44.00	535.6	41.90	35.98	185.1	144.8	35.71	38.17	70- 75	100.6	2599
80.0	22.32	39.81	21.22	16.12	39.44	45.73	18.49	17.21	75- 80	36.58	2635
85.0	12.02	12.93	10.47	7.015	14.03	17.03	8.564	8.746	80- 85	9.426	2645
90.0	5.375	3.006	5.466	3.462	5.010	7.744	3.188	4.373	85- 90	4.006	2649
95.0	5.466	3.370	4.190	2.642	2.915	5.921	2.733	4.008	90- 95	2.188	2651
100.0	5.739	3.735	4.190	2.733	3.188	6.013	3.188	4.008	95-100	2.212	2653
105.0	6.104	4.190	4.190	3.006	3.553	6.286	3.735	4.008	100-105	2.307	2655
110.0	6.286	4.555	4.282	3.279	3.826	6.468	4.373	4.373	105-110	2.401	2658
115.0	6.468	4.919	4.373	3.553	4.099	6.650	4.919	4.737	110-115	2.470	2660
120.0	6.559	5.284	4.464	3.826	4.373	6.924	5.375	5.193	115-120	2.503	2663
125.0	6.741	5.557	4.646	4.008	4.737	7.015	5.739	5.557	120-125	2.500	2665
130.0	7.015	5.648	4.737	4.190	5.010	7.379	5.921	5.921	125-130	2.455	2668
135.0	7.106	5.921	4.828	4.464	5.284	7.379	6.195	6.195	130-135	2.360	2670
140.0	7.197	6.104	5.010	4.737	5.557	7.197	6.650	6.377	135-140	2.231	2672
145.0	0	0	0	0	0	0	0	0	140-145	0	2672
150.0	0	0	0	0	0	0	0	0	145-150	0	2672
155.0	0	0	0	0	0	0	0	0	150-155	0	2672
160.0	0	0	0	0	0	0	0	0	155-160	0	2672
165.0	0	0	0	0	0	0	0	0	160-165	0	2672
170.0	0	0	0	0	0	0	0	0	165-170	0	2672
175.0	0	0	0	0	0	0	0	0	170-175	0	2672
180.0	0	0	0	0	0	0	0	0	175-180	0	2672
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:LSG-1600
Temperature:24.3DEG
Operators:REGAIP DASTAN
Test Date:10-24-2017

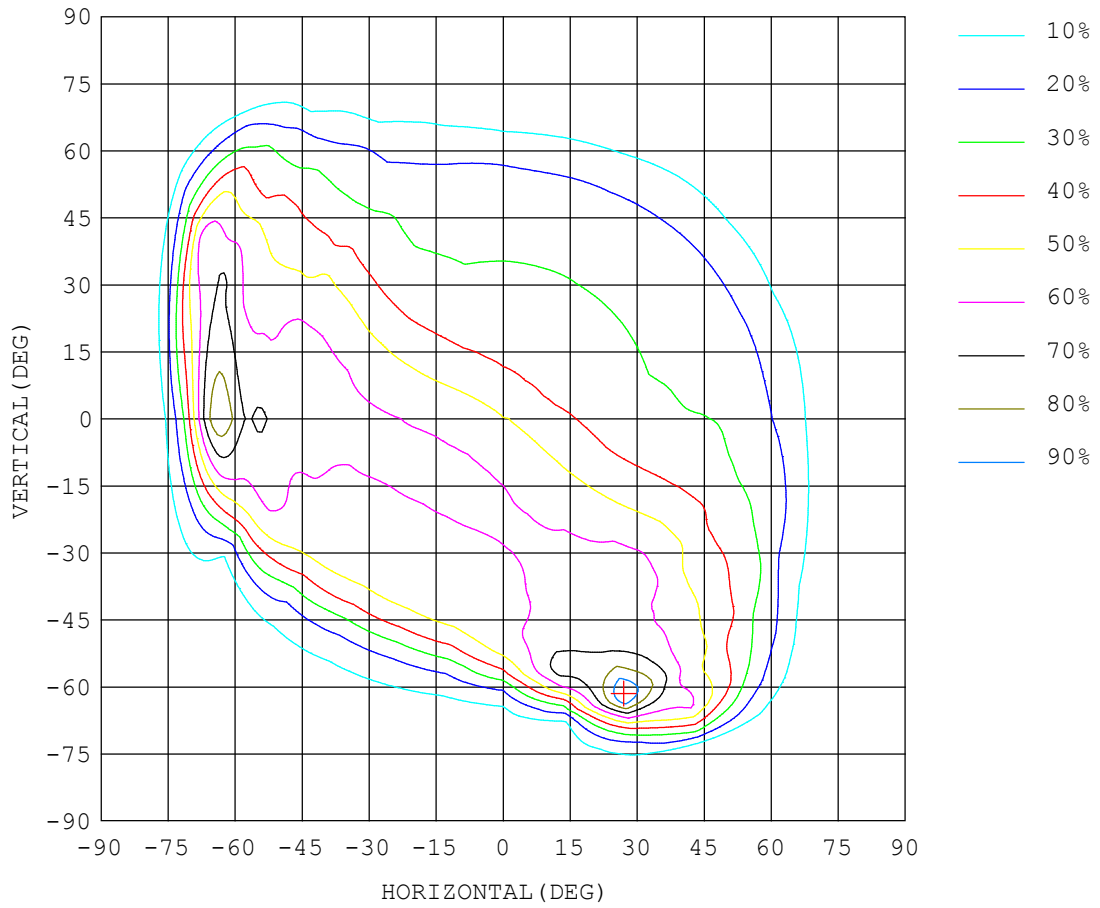
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Remarks: WS SMALL CW 90x120D 25W 220V IP66

ISOCANDELA DIAGRAM

Report number: 0001606

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

UNIT: cd



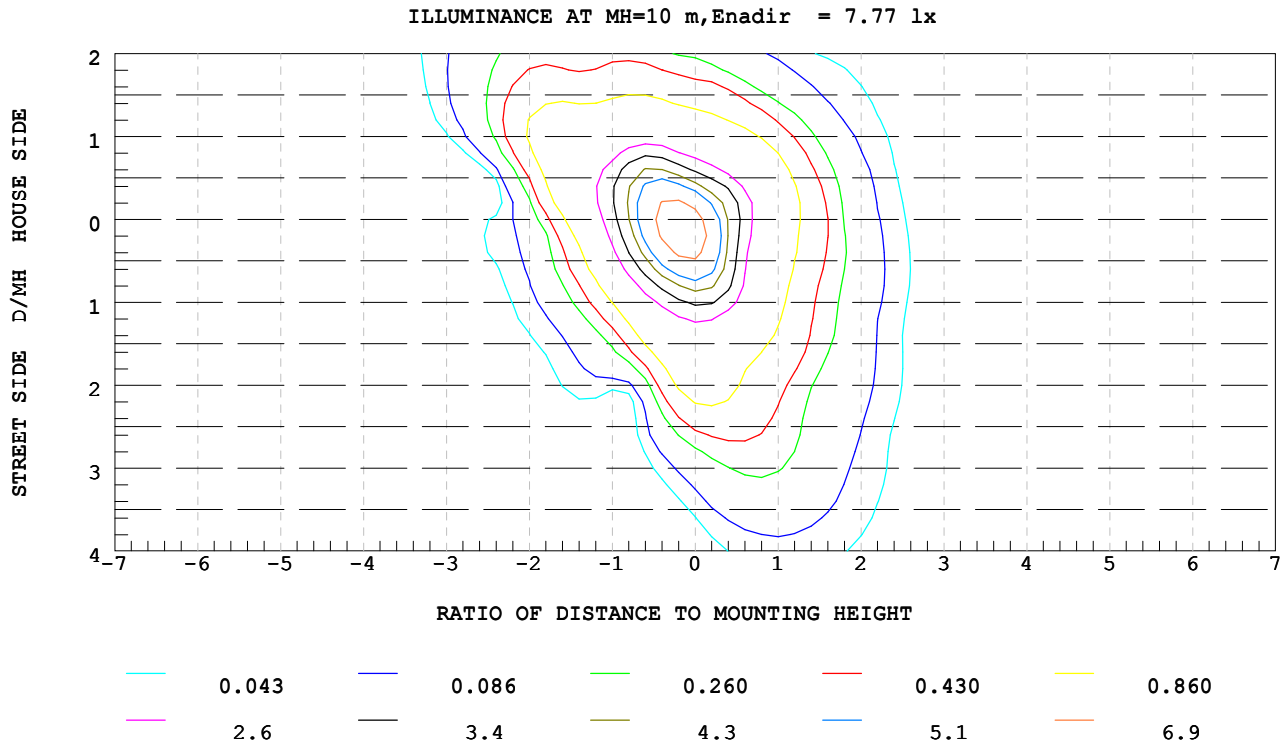
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ISOLUX DIAGRAM

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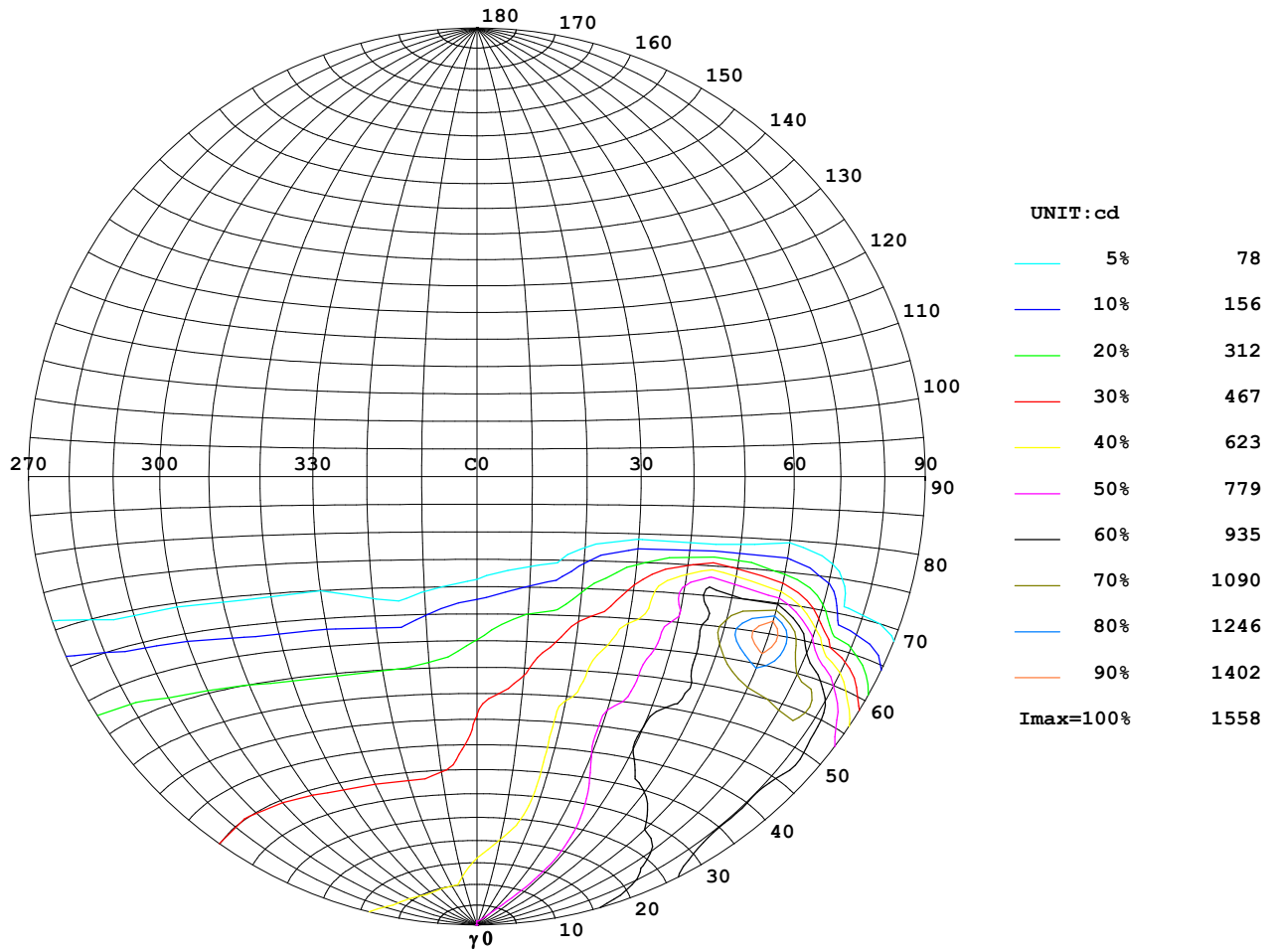
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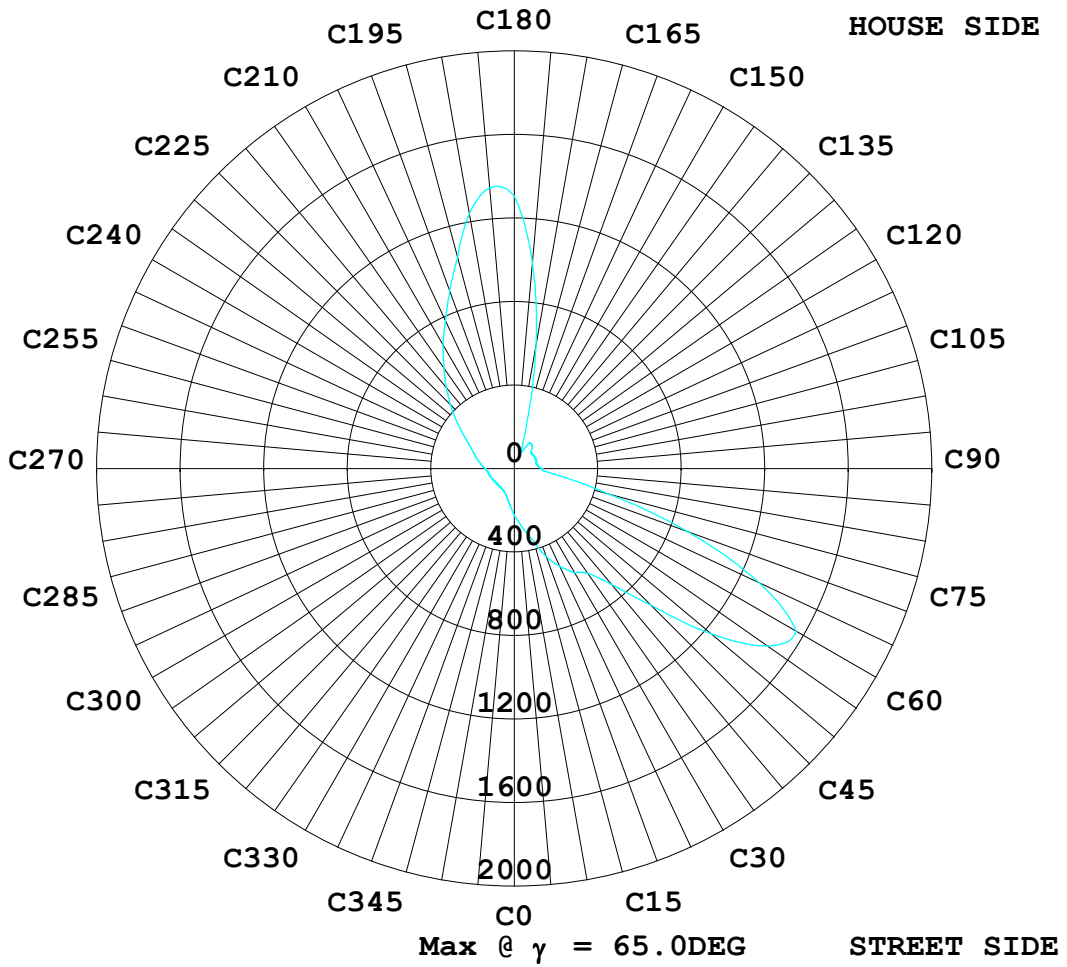
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LUMINOUS DISTRIBUTION INTENSITY DATA

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NAME: WS SMALL CW 90x120D 25W 220V IP66	TYPE:WALL WASHER	WEIGHT:
SPECIFICATION:WALL WASHER	DIMENSION: 210*142*73	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	790	786	786	783	781	780	777	777	773	775	771	773	790	786	786
5.0	738	753	774	793	812	831	842	853	855	857	848	839	838	813	790
10.0	685	718	758	799	841	874	897	913	918	920	909	890	876	834	786
15.0	634	681	742	806	864	907	931	944	951	953	946	928	905	845	775
20.0	586	645	729	818	887	924	943	951	953	956	958	946	922	855	764
25.0	548	617	725	839	913	939	940	934	931	936	947	951	938	873	761
30.0	519	599	732	873	944	947	924	907	904	910	926	946	956	895	765
35.0	497	589	754	917	978	951	906	886	870	883	910	933	968	924	776
40.0	481	582	781	979	1020	960	891	827	820	828	867	925	986	959	803
45.0	469	575	789	1012	1062	993	862	822	809	820	851	921	1003	995	821
50.0	432	540	733	961	1066	1021	865	688	654	679	804	921	1032	994	810
55.0	363	504	715	917	1053	1147	681	449	407	434	591	936	1110	911	748
60.0	314	453	671	916	1287	986	358	243	237	241	311	691	1201	906	712
65.0	224	360	578	925	1558	463	135	107	112	113	142	246	1305	1050	684
70.0	96.1	193	488	964	903	95.9	68.4	61.0	67.6	65.8	74.7	79.0	658	1068	573
75.0	44.0	69.4	282	536	269	46.7	41.9	33.3	40.7	35.9	46.0	49.1	185	701	437
80.0	22.3	22.2	56.1	39.8	68.4	21.5	21.2	15.1	21.0	16.1	22.2	24.3	39.4	147	88.1
85.0	12.0	10.4	16.2	12.9	16.4	9.20	10.4	6.92	8.65	7.01	10.9	10.2	14.0	23.6	15.5
90.0	5.37	3.64	6.28	3.00	6.37	3.27	5.46	3.09	4.82	3.46	6.10	4.64	5.01	8.92	4.91
95.0	5.46	4.09	6.10	3.37	5.46	2.82	4.19	2.64	4.09	2.64	4.19	2.73	2.91	5.92	3.55
100.0	5.73	4.73	6.10	3.73	5.19	3.00	4.19	2.82	3.91	2.73	4.09	2.91	3.18	5.64	4.00
105.0	6.10	5.28	6.28	4.19	5.10	3.37	4.19	3.09	4.00	3.00	4.09	3.18	3.55	5.55	4.55
110.0	6.28	5.55	6.46	4.55	5.10	3.64	4.28	3.37	4.09	3.27	4.19	3.37	3.82	5.55	5.01
115.0	6.46	5.83	6.65	4.91	5.19	3.82	4.37	3.55	4.28	3.55	4.28	3.64	4.09	5.64	5.37
120.0	6.55	6.19	6.83	5.28	5.28	4.09	4.46	3.82	4.37	3.82	4.46	3.91	4.37	5.83	5.83
125.0	6.74	6.55	7.01	5.55	5.46	4.28	4.64	4.00	4.55	4.00	4.55	4.19	4.73	5.92	6.10
130.0	7.01	6.92	7.10	5.64	5.55	4.64	4.73	4.28	4.64	4.19	4.64	4.37	5.01	6.10	6.37
135.0	7.10	7.01	7.01	5.92	5.64	4.91	4.82	4.46	4.64	4.46	4.82	4.55	5.28	6.10	6.46
140.0	7.19	6.92	6.83	6.10	5.73	5.19	5.01	4.73	4.82	4.73	4.91	4.91	5.55	6.28	6.55
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	783	781	780	777	777	773	775	771	773
5.0	765	742	724	707	699	689	692	693	706
10.0	740	697	667	640	629	619	621	624	644
15.0	708	650	611	585	575	567	568	570	587
20.0	676	603	564	542	538	533	531	529	542
25.0	645	562	525	512	514	513	508	500	507
30.0	621	527	493	489	503	504	500	483	481
35.0	605	499	467	468	463	463	458	445	461
40.0	594	476	445	415	455	463	453	414	422
45.0	585	457	392	391	419	420	413	391	390
50.0	574	443	369	368	387	388	380	362	372
55.0	518	373	346	330	325	303	296	314	332
60.0	478	321	282	234	229	223	218	205	251
65.0	433	260	186	141	124	115	112	116	141
70.0	312	138	95.2	66.0	73.8	71.1	76.9	53.7	71.5
75.0	145	53.9	44.1	35.7	39.9	34.6	38.1	31.5	37.0
80.0	45.7	24.4	24.2	18.4	19.1	14.9	17.2	14.9	19.3
85.0	17.0	11.5	12.4	8.56	9.65	6.19	8.74	7.19	10.2
90.0	7.74	4.46	6.01	3.18	4.64	2.55	4.37	2.73	4.55
95.0	5.92	3.91	4.73	2.73	4.00	2.64	4.00	2.73	4.55
100.0	6.01	4.55	5.10	3.18	4.00	2.82	4.00	3.00	4.82
105.0	6.28	5.10	5.55	3.73	4.09	3.09	4.00	3.55	5.28
110.0	6.46	5.64	5.92	4.37	4.46	3.55	4.37	4.00	5.64
115.0	6.65	5.73	6.19	4.91	4.82	4.00	4.73	4.73	5.92
120.0	6.92	5.92	6.37	5.37	5.28	4.64	5.19	5.10	6.19
125.0	7.01	6.37	6.37	5.73	5.73	5.01	5.55	5.55	6.37
130.0	7.37	6.74	6.55	5.92	5.92	5.46	5.92	5.92	6.65
135.0	7.37	7.01	6.83	6.19	6.19	5.83	6.19	6.19	6.83
140.0	7.19	7.19	7.01	6.65	6.55	6.28	6.37	6.46	7.01
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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