

PHOTOMETRIC TEST REPORT

Report number: 0001354

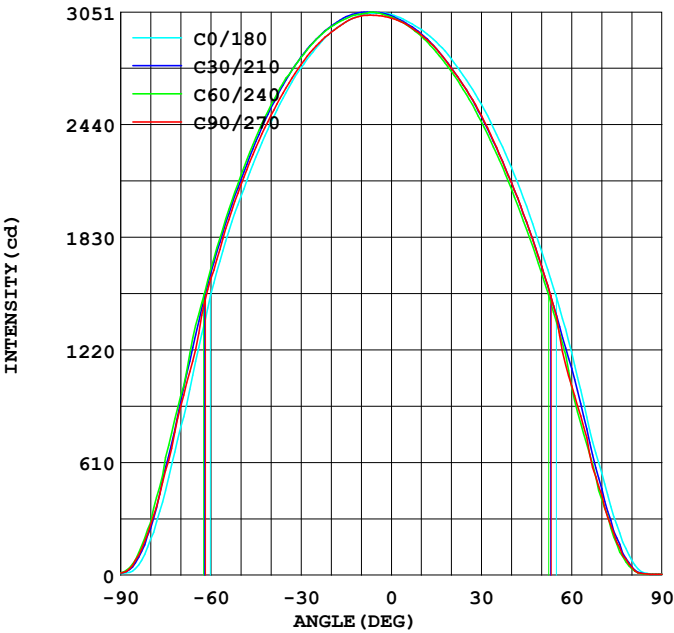
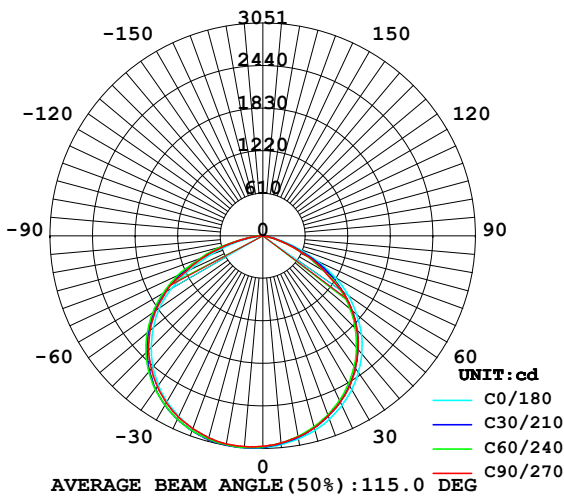
MANUFACTURER: FIBERLI	Address:PSL ELEKTRONIK ANTALYA	
NAME: WH9 MP108 CW 120D 60W 220V AC IP66	TYPE:WALL WASHER	WEIGHT:5.3
SPECIFICATION:WALL WASHER H9	DIMENSION: 475x310x70	SERIAL No.:

TEST DATA:					
MODEL:	WH9	Imax (cd) :	3051	η street_up(%) :	0.3
NOMINAL POWER(W) :	60	MAXIMUM(C, γ):	60,6.0	η street_down(%) :	56.4
RATED VOLTAGE (V) :	220	TOTAL FLUX(lm) :	8413	η house_up(%)	0.2
NOMINAL FLUX(lm) :	8412.7	EFFICIENCY(%) :	100.0	η house_down(%) :	43.1
TEST FLUX(lm:	8413	η up(%) :	0.5		
LAMPS QUANTITY:	1	η down(%) :	99.5		

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS

LUMINOUS INTENSITY DISTRIBUTION



Test:U:220.8V I:0.275A P:59.49W PF:0.978

Test System:LSG-1600
Temperature:23.1DEG
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 120D 60W 220V AC IP66

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	3044	3042	3033	3004	3004	2977	2983	3003	0- 5	72.06	72.06
10.0	3032	3050	3030	2976	2955	2915	2927	2967	5- 10	214.0	286.1
15.0	2997	3028	2997	2930	2888	2831	2850	2912	10- 15	349.8	635.9
20.0	2941	2979	2940	2855	2797	2727	2746	2830	15- 20	474.9	1111
25.0	2856	2909	2866	2760	2683	2609	2629	2732	20- 25	585.8	1697
30.0	2748	2813	2765	2641	2551	2464	2489	2609	25- 30	678.6	2375
35.0	2613	2696	2639	2501	2388	2296	2317	2461	30- 35	749.6	3125
40.0	2452	2545	2490	2333	2207	2102	2125	2286	35- 40	795.7	3921
45.0	2265	2370	2316	2145	1998	1886	1912	2082	40- 45	814.4	4735
50.0	2049	2156	2111	1929	1755	1646	1673	1847	45- 50	802.8	5538
55.0	1810	1918	1877	1678	1501	1382	1395	1590	50- 55	759.6	6298
60.0	1519	1655	1603	1401	1205	1094	1025	1319	55- 60	678.3	6976
65.0	1157	1350	1221	1086	856.6	744.7	745.1	976.7	60- 65	561.5	7538
70.0	799.0	989.9	912.0	727.8	552.8	440.9	433.3	617.9	65- 70	410.5	7948
75.0	457.7	583.1	566.6	400.6	272.2	194.9	176.3	298.6	70- 75	257.0	8205
80.0	193.1	274.5	271.7	150.9	79.26	43.09	39.99	95.57	75- 80	121.8	8327
85.0	35.25	71.06	80.62	27.87	8.928	9.292	5.466	15.30	80- 85	36.42	8363
90.0	8.108	8.472	11.57	4.373	4.008	6.741	4.190	6.833	85- 90	6.656	8370
95.0	6.650	3.917	6.650	4.282	4.828	7.106	5.101	6.741	90- 95	3.131	8373
100.0	6.924	4.646	6.650	5.193	5.739	7.744	6.195	7.197	95-100	3.262	8376
105.0	7.470	5.466	7.015	6.195	6.924	8.655	7.379	7.926	100-105	3.619	8380
110.0	8.290	6.468	7.744	7.197	8.108	9.566	8.564	8.655	105-110	4.013	8384
115.0	9.110	7.470	8.564	8.290	9.201	10.38	9.748	9.475	110-115	4.373	8389
120.0	10.02	8.472	9.384	9.292	10.29	11.20	10.84	10.29	115-120	4.661	8393
125.0	10.84	9.384	10.38	10.29	11.29	12.11	11.84	11.11	120-125	4.854	8398
130.0	11.66	10.38	11.20	11.20	12.20	12.84	12.75	11.84	125-130	4.950	8403
135.0	12.39	11.29	11.93	12.02	13.02	13.48	13.48	12.66	130-135	4.928	8408
140.0	13.11	12.11	12.66	12.84	13.84	14.12	14.12	13.21	135-140	4.788	8413
145.0	0	0	0	0	0	0	0	0	140-145	0	8413
150.0	0	0	0	0	0	0	0	0	145-150	0	8413
155.0	0	0	0	0	0	0	0	0	150-155	0	8413
160.0	0	0	0	0	0	0	0	0	155-160	0	8413
165.0	0	0	0	0	0	0	0	0	160-165	0	8413
170.0	0	0	0	0	0	0	0	0	165-170	0	8413
175.0	0	0	0	0	0	0	0	0	170-175	0	8413
180.0	0	0	0	0	0	0	0	0	175-180	0	8413
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

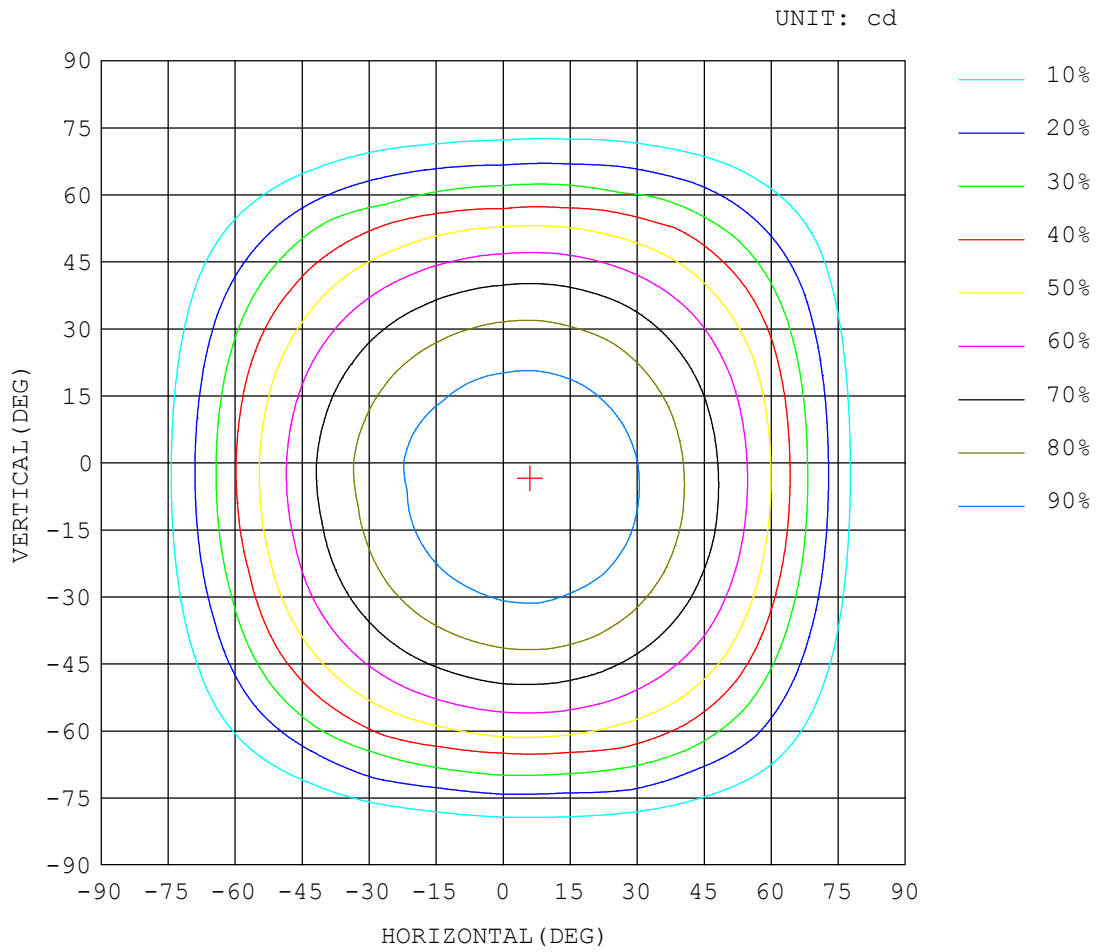
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Temperature:23.1DEG
Operators:REGAIP DASTAN
Test Date:02-24-2017

Test Set: 2.0deg/s C-Gamma (TYPE C)
Humidity:51.0%
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Remarks: WH9 MP108 CW 120D 60W 220V AC IP66

ISOCANDELA DIAGRAM

Report number: 0001354

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



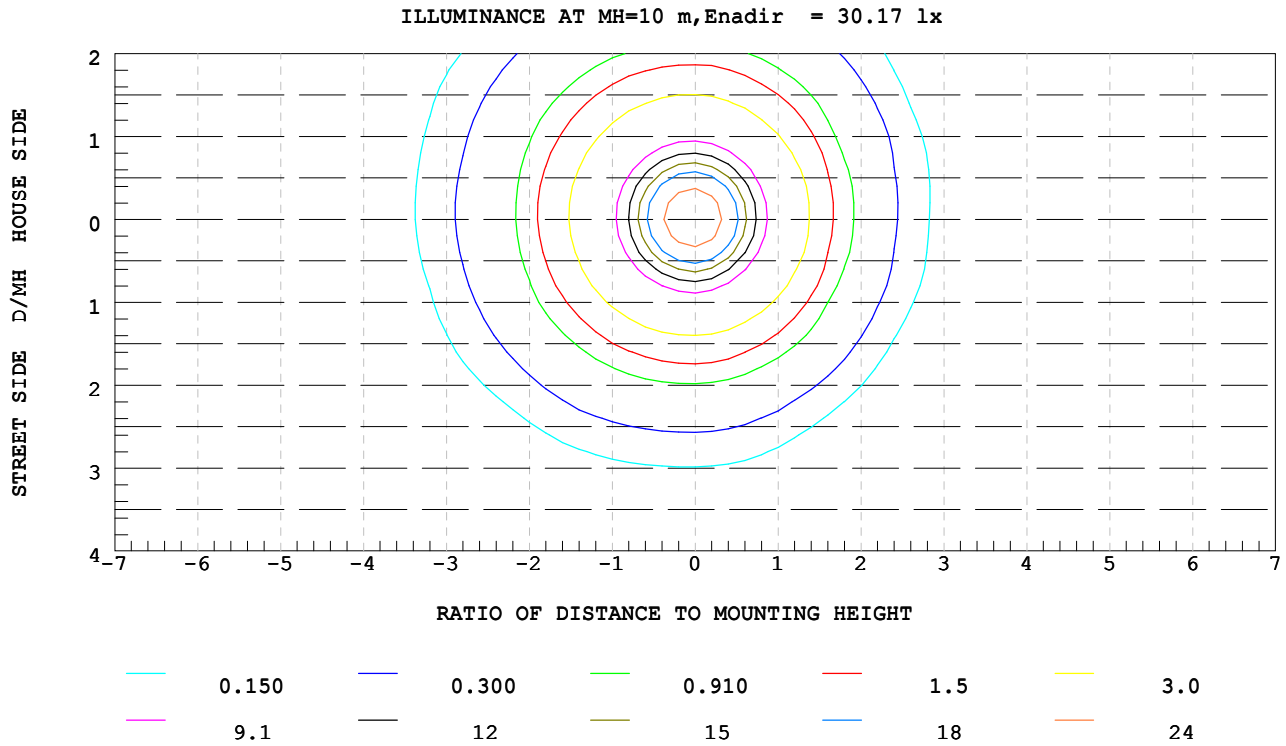
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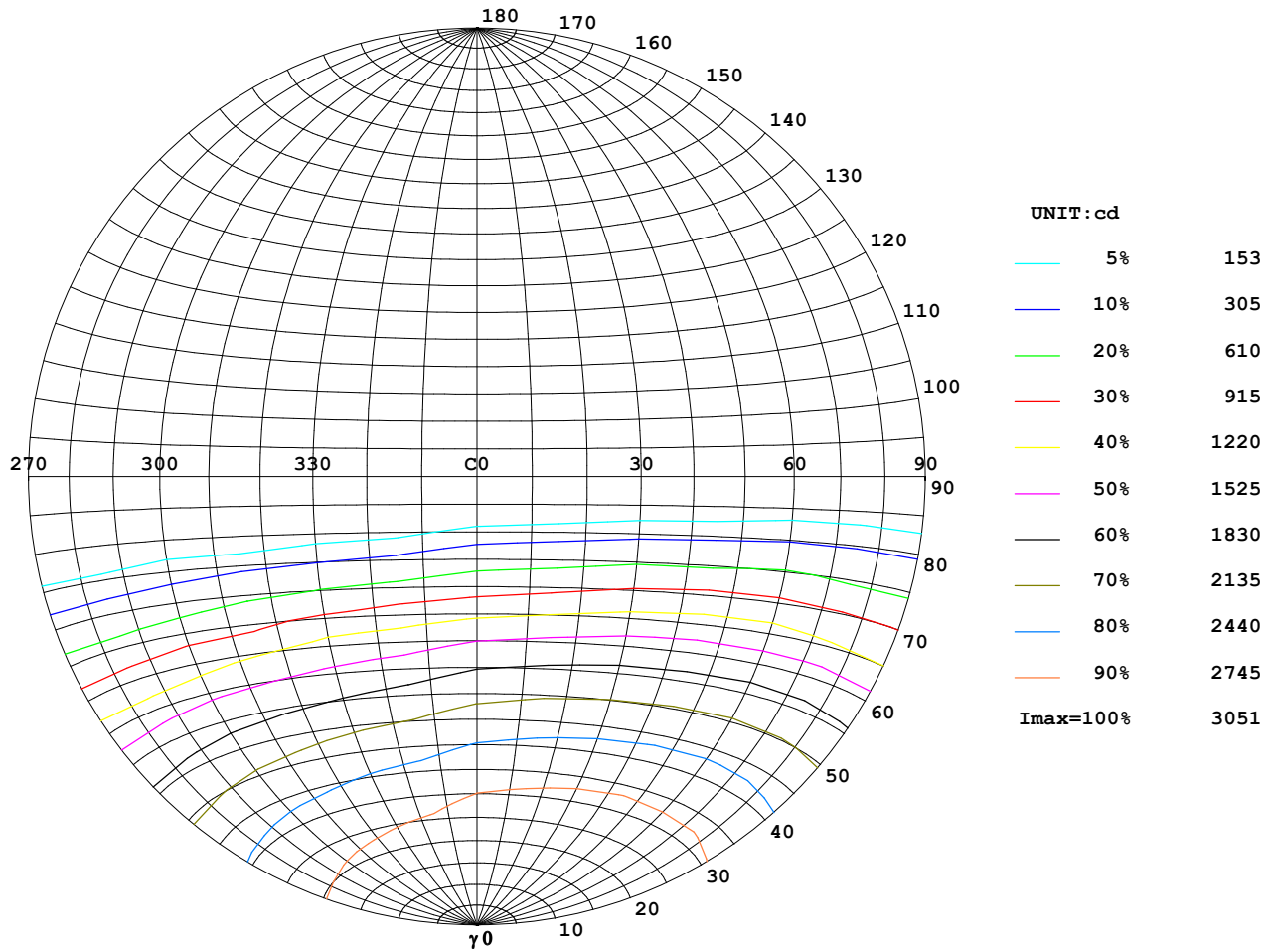
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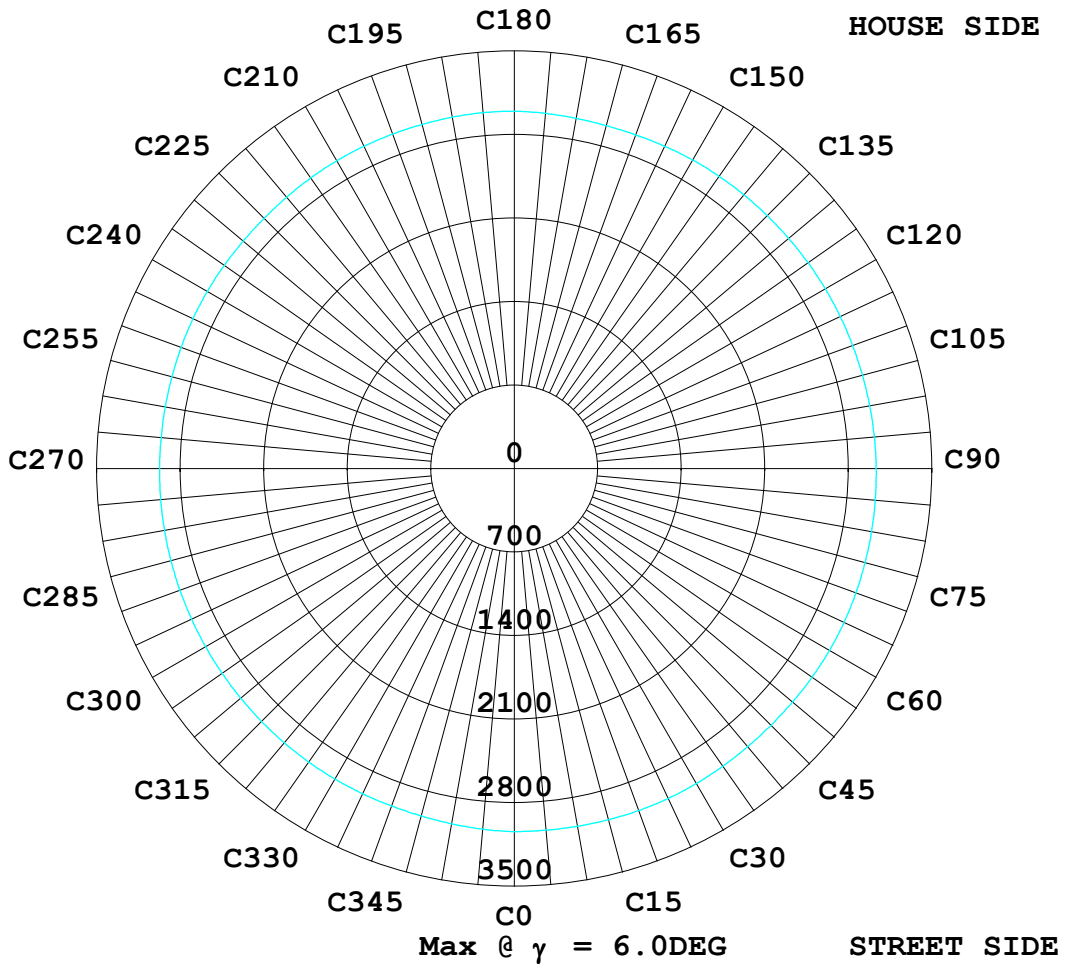
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LUMINOUS DISTRIBUTION INTENSITY DATA

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MANUFACTURER: FIBERLI	Address:PSL ELEKTRONIK ANTALYA	
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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	3037	3033	3031	3019	3024	3021	3017	3015	3014	3013	3013	3012	3037	3033	3031
5.0	3044	3046	3049	3042	3048	3042	3033	3023	3013	3004	2994	2983	3004	2996	2990
10.0	3032	3042	3048	3050	3040	3042	3030	3013	2996	2976	2957	2939	2955	2943	2932
15.0	2997	3013	3025	3028	3016	3011	2997	2976	2956	2930	2901	2875	2888	2872	2851
20.0	2941	2956	2974	2979	2970	2965	2940	2915	2890	2855	2825	2793	2797	2774	2749
25.0	2856	2879	2902	2909	2900	2893	2866	2835	2799	2760	2723	2685	2683	2656	2629
30.0	2748	2778	2806	2813	2803	2798	2765	2723	2684	2641	2597	2553	2551	2513	2484
35.0	2613	2656	2683	2696	2692	2675	2639	2593	2550	2501	2446	2398	2388	2349	2314
40.0	2452	2498	2531	2545	2546	2527	2490	2438	2390	2333	2279	2224	2207	2164	2125
45.0	2265	2315	2349	2370	2371	2352	2316	2259	2209	2145	2086	2019	1998	1955	1912
50.0	2049	2109	2139	2156	2163	2149	2111	2051	1997	1929	1861	1788	1755	1711	1672
55.0	1810	1863	1908	1918	1930	1911	1877	1811	1754	1678	1605	1536	1501	1460	1404
60.0	1519	1576	1634	1655	1657	1632	1603	1534	1484	1401	1326	1232	1205	1170	1120
65.0	1157	1222	1301	1350	1353	1283	1221	1169	1174	1086	1012	911	857	832	791
70.0	799	841	939	990	969	933	912	854	811	728	666	584	553	527	468
75.0	458	505	584	583	637	575	567	519	472	401	363	302	272	254	200
80.0	193	216	250	275	283	287	272	234	203	151	129	99.5	79.2	67.8	43.4
85.0	35.2	43.0	66.2	71.0	83.0	77.9	80.6	53.2	46.1	27.8	22.8	10.2	8.92	11.2	6.10
90.0	8.10	5.92	11.4	8.47	13.1	8.38	11.5	6.74	9.29	4.37	6.92	3.91	4.00	6.74	4.28
95.0	6.65	4.09	6.65	3.91	6.74	3.82	6.65	3.91	6.65	4.28	6.74	4.73	4.82	6.92	5.10
100.0	6.92	4.82	6.74	4.64	6.65	4.55	6.65	4.73	6.83	5.19	7.19	5.64	5.73	7.47	6.19
105.0	7.47	5.83	7.19	5.46	7.01	5.37	7.01	5.64	7.37	6.19	7.83	6.83	6.92	8.29	7.28
110.0	8.29	6.92	7.83	6.46	7.65	6.37	7.74	6.74	8.10	7.19	8.65	7.92	8.10	9.20	8.47
115.0	9.11	7.92	8.65	7.47	8.38	7.47	8.56	7.74	8.92	8.29	9.47	9.11	9.20	10.1	9.56
120.0	10.0	8.92	9.38	8.47	9.20	8.47	9.38	8.83	9.74	9.29	10.2	10.1	10.2	11.0	10.5
125.0	10.8	9.93	10.2	9.38	10.0	9.47	10.3	9.83	10.5	10.2	11.2	11.0	11.2	11.8	11.5
130.0	11.6	10.9	11.1	10.3	10.7	10.3	11.2	10.8	11.3	11.2	11.8	11.9	12.2	12.5	12.3
135.0	12.3	11.7	11.8	11.2	11.5	11.3	11.9	11.7	12.2	12.0	12.6	12.6	13.0	13.3	13.2
140.0	13.1	12.6	12.5	12.1	12.2	12.2	12.6	12.6	12.9	12.8	13.2	13.3	13.8	13.8	13.8
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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SPECIFICATION:WALL WASHER H9	DIMENSION: 475x310x70	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	225	240	255	270	285	300	315	330	345
0.0	3019	3024	3021	3017	3015	3014	3013	3013	3012
5.0	2977	2982	2981	2983	2989	2995	3003	3010	3016
10.0	2915	2919	2922	2927	2938	2951	2967	2984	3000
15.0	2831	2833	2839	2850	2867	2887	2912	2935	2961
20.0	2727	2729	2736	2746	2772	2801	2830	2864	2898
25.0	2609	2603	2616	2629	2660	2692	2732	2771	2811
30.0	2464	2455	2465	2489	2525	2558	2609	2654	2704
35.0	2296	2284	2294	2317	2359	2401	2461	2510	2562
40.0	2102	2091	2101	2125	2172	2223	2286	2342	2401
45.0	1886	1872	1883	1912	1961	2014	2082	2145	2211
50.0	1646	1635	1649	1673	1727	1777	1847	1922	1998
55.0	1382	1368	1384	1395	1463	1517	1590	1665	1754
60.0	1094	1016	1011	1025	1085	1192	1319	1384	1476
65.0	745	709	739	745	800	847	977	1057	1128
70.0	441	409	429	433	478	523	618	686	755
75.0	195	167	174	176	228	245	299	349	433
80.0	43.0	33.8	43.1	39.9	60.0	67.3	95.5	114	174
85.0	9.29	5.10	8.74	5.46	10.2	7.92	15.3	14.5	26.8
90.0	6.74	4.37	6.83	4.19	6.74	4.00	6.83	3.73	7.37
95.0	7.10	5.19	7.10	5.10	6.92	4.82	6.74	4.37	6.74
100.0	7.74	6.37	7.74	6.19	7.47	5.73	7.19	5.28	6.92
105.0	8.65	7.56	8.65	7.37	8.38	6.83	7.92	6.28	7.47
110.0	9.56	8.65	9.65	8.56	9.20	7.92	8.65	7.28	8.19
115.0	10.3	9.74	10.5	9.74	10.2	9.01	9.47	8.29	9.01
120.0	11.2	10.7	11.4	10.8	11.1	10.0	10.2	9.29	9.83
125.0	12.1	11.7	12.2	11.8	11.9	10.9	11.1	10.2	10.6
130.0	12.8	12.6	13.1	12.7	12.6	11.8	11.8	11.2	11.3
135.0	13.4	13.3	13.8	13.4	13.3	12.5	12.6	12.0	12.2
140.0	14.1	14.1	14.4	14.1	13.8	13.3	13.2	12.8	12.9
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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