

PHOTOMETRIC TEST REPORT

Report number: 0001341

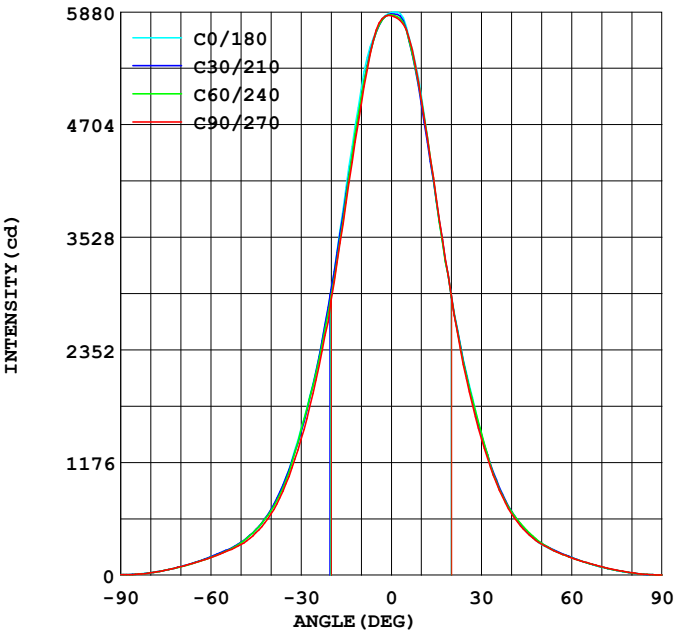
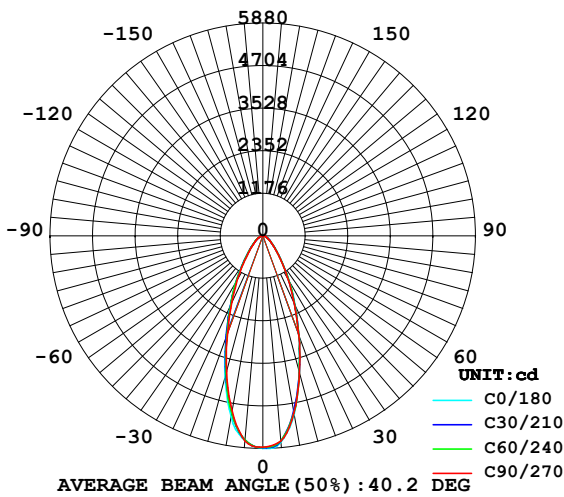
MANUFACTURER: FIBERLI	Address:PSL ELEKTRONIK ANTALYA	
NAME: WH9 MP108 CW 30D 32W 220V AC IP66	TYPE:WALL WASHER	WEIGHT:5.3
SPECIFICATION:WALL WASHER H9	DIMENSION: 475x310x70	SERIAL No.:

TEST DATA:					
MODEL:	WH9	Imax (cd) :	5880	η street_up(%) :	0.3
NOMINAL POWER(W) :	32	MAXIMUM(C, γ):	180,1.0	η street_down(%) :	54.2
RATED VOLTAGE (V) :	220	TOTAL FLUX(lm) :	3875	η house_up(%)	0.2
NOMINAL FLUX(lm) :	3875.0	EFFICIENCY(%) :	100.0	η house_down(%) :	45.2
TEST FLUX(lm:	3875	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:220.6V I:0.149A P:31.88W PF:0.962

Test System:LSG-1600
Temperature:23.2DEG
Operators:REGAIP DASTAN
Test Date:02-20-2017

Test Set: 2.0deg/s C-Gamma (TYPE C)
Humidity:50.0 %
Test Distance:9.545 m
Remarks: WH9 MP108 CW 30D 32W 220V AC IP66

ZONAL FLUX DIAGRAM

Report number: 0001341

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	5682	5662	5690	5657	5729	5693	5697	5659	0- 5	137.5	137.5
10.0	5070	4980	4907	4888	5010	4928	4967	5022	5- 10	375.6	513.1
15.0	4051	3955	3888	3873	3898	3943	3929	4024	10- 15	513.3	1027
20.0	2963	2945	2866	2847	2924	2911	2913	2963	15- 20	542.9	1569
25.0	2133	2104	2037	2046	2112	2099	2051	2127	20- 25	501.2	2071
30.0	1528	1489	1415	1438	1463	1482	1424	1508	25- 30	429.9	2501
35.0	1017	995.7	953.8	958.0	971.7	998.7	961.5	1020	30- 35	340.9	2842
40.0	677.5	675.7	635.7	648.5	654.5	681.3	641.0	689.4	35- 40	258.3	3100
45.0	471.1	470.2	441.5	449.5	451.3	478.9	445.9	481.9	40- 45	197.3	3297
50.0	335.0	335.0	318.3	320.6	318.5	344.5	320.9	344.3	45- 50	152.1	3449
55.0	254.7	249.0	245.4	241.7	242.8	257.1	243.2	257.6	50- 55	120.8	3570
60.0	191.7	183.1	182.6	179.7	184.5	190.7	180.3	192.1	55- 60	97.05	3667
65.0	135.2	126.5	132.4	124.7	129.1	135.2	130.4	136.2	60- 65	73.81	3741
70.0	88.64	81.44	88.28	80.17	83.18	90.01	87.28	90.65	65- 70	52.35	3794
75.0	52.56	46.64	52.29	46.10	47.74	53.75	51.93	53.84	70- 75	33.49	3827
80.0	24.87	20.49	24.41	20.31	21.50	26.42	24.50	26.23	75- 80	17.91	3845
85.0	8.472	5.739	8.017	5.739	5.921	8.928	7.379	8.928	80- 85	6.953	3852
90.0	4.373	2.642	4.373	2.642	2.733	4.464	2.642	4.373	85- 90	2.375	3854
95.0	4.190	2.733	4.099	2.733	2.824	4.099	2.733	4.099	90- 95	1.895	3856
100.0	4.008	2.915	4.008	2.915	2.915	4.008	2.915	4.008	95-100	1.869	3858
105.0	4.008	3.097	4.008	3.097	3.188	4.008	3.006	3.917	100-105	1.869	3860
110.0	4.008	3.279	4.008	3.279	3.370	4.099	3.279	4.008	105-110	1.884	3862
115.0	4.282	3.644	4.190	3.644	3.644	4.190	3.553	4.099	110-115	1.917	3864
120.0	4.464	4.008	4.464	4.008	4.099	4.464	4.008	4.373	115-120	1.979	3866
125.0	4.919	4.555	4.828	4.464	4.646	4.919	4.464	4.828	120-125	2.073	3868
130.0	5.648	5.284	5.466	5.284	5.375	5.648	5.284	5.466	125-130	2.219	3870
135.0	6.650	6.286	6.468	6.286	6.286	6.468	6.286	6.377	130-135	2.413	3872
140.0	7.926	7.652	7.652	7.652	7.652	7.744	7.652	7.561	135-140	2.639	3875
145.0	0	0	0	0	0	0	0	0	140-145	0	3875
150.0	0	0	0	0	0	0	0	0	145-150	0	3875
155.0	0	0	0	0	0	0	0	0	150-155	0	3875
160.0	0	0	0	0	0	0	0	0	155-160	0	3875
165.0	0	0	0	0	0	0	0	0	160-165	0	3875
170.0	0	0	0	0	0	0	0	0	165-170	0	3875
175.0	0	0	0	0	0	0	0	0	170-175	0	3875
180.0	0	0	0	0	0	0	0	0	175-180	0	3875
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

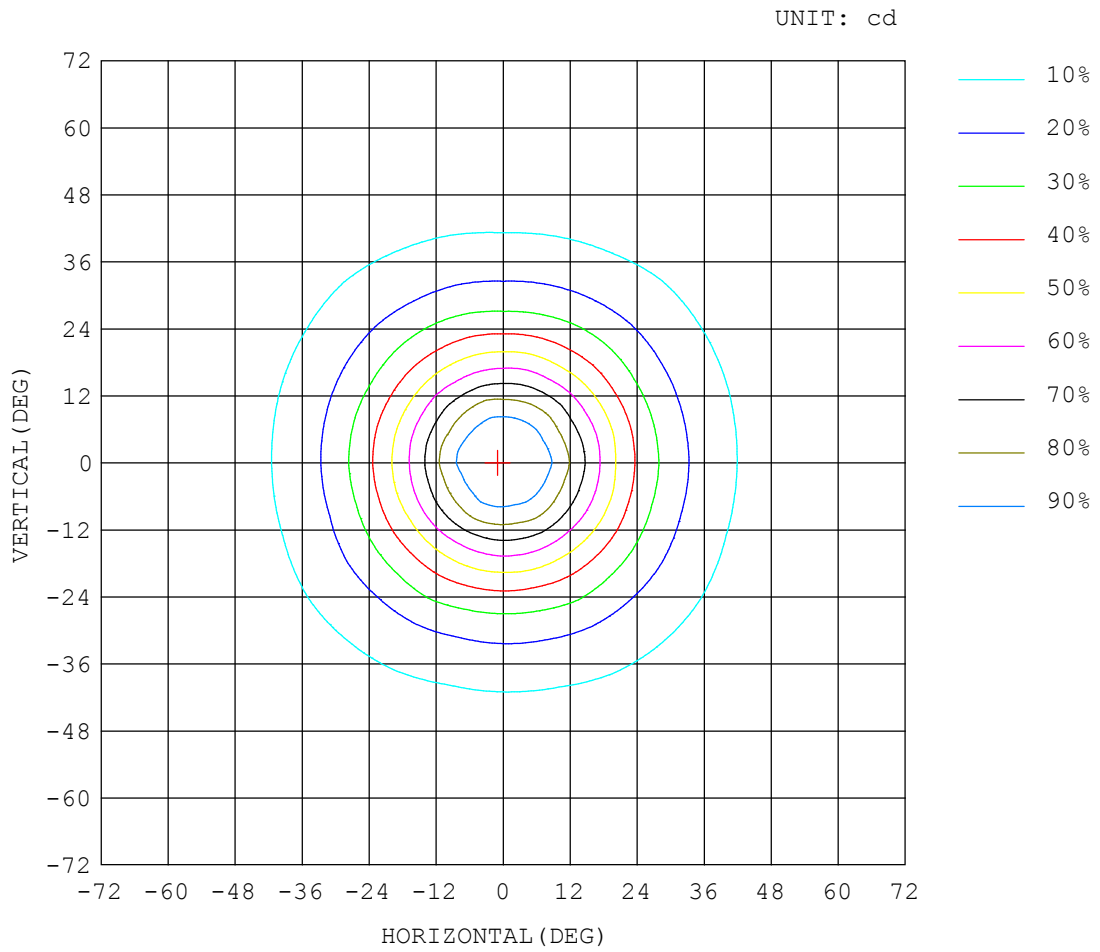
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 Temperature:23.2DEG
 Operators:REGAIP DASTAN
 Test Date:02-20-2017

Test Set: 2.0deg/s C-Gamma (TYPE C)
 Humidity:50.0 %
 Test Distance:9.545 m
 Remarks: WH9 MP108 CW 30D 32W 220V AC IP66

ISOCANDELA DIAGRAM

Report number: 0001341

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



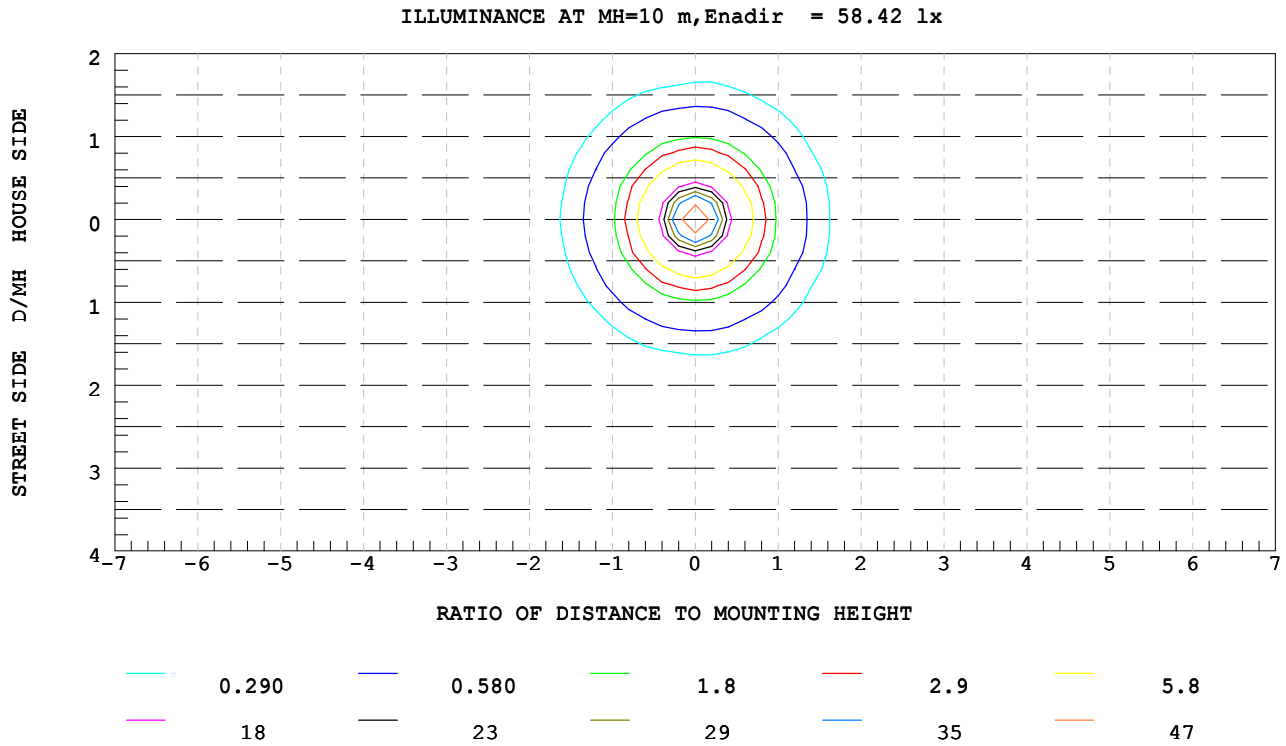
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ISOLUX DIAGRAM

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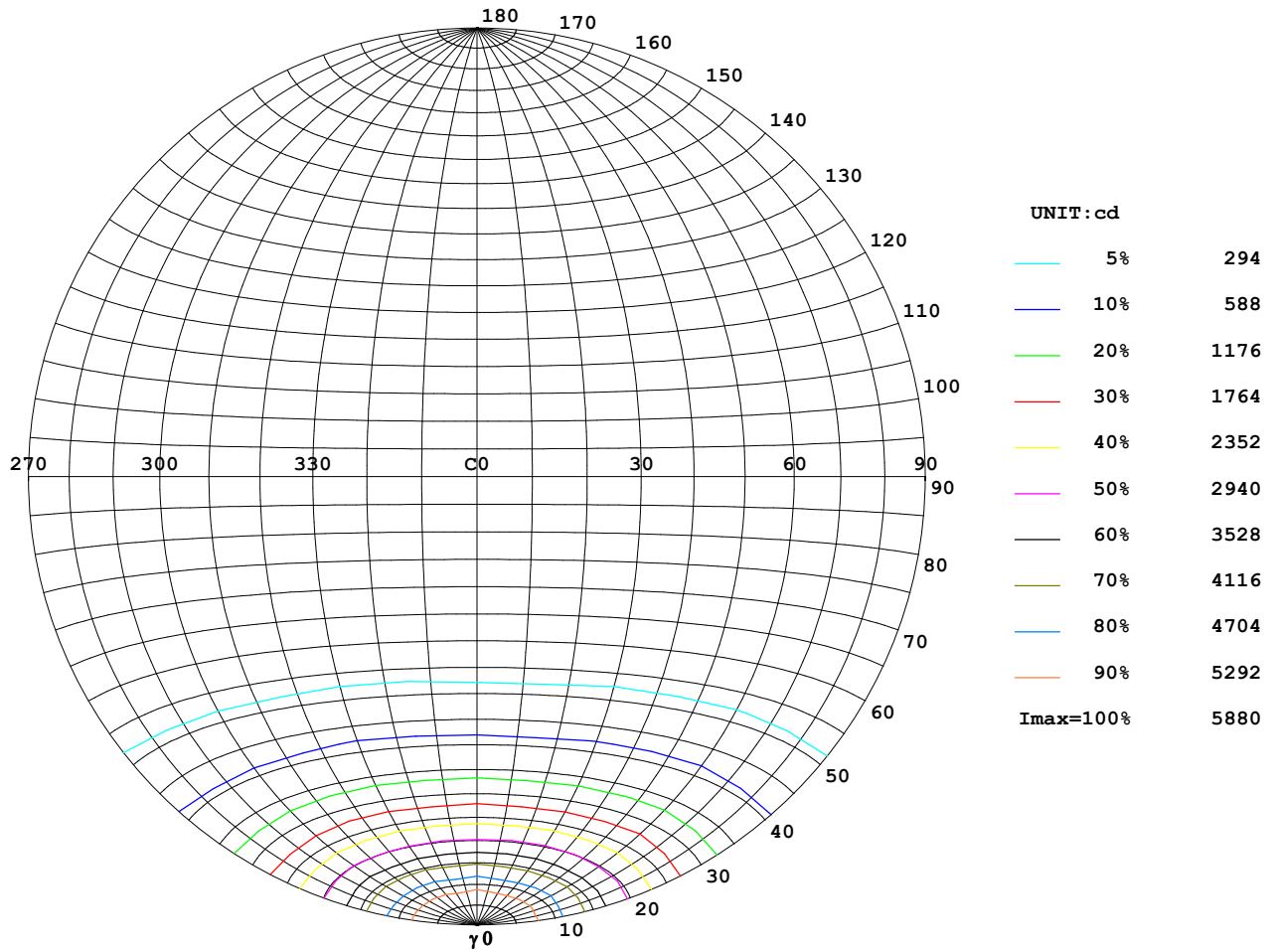
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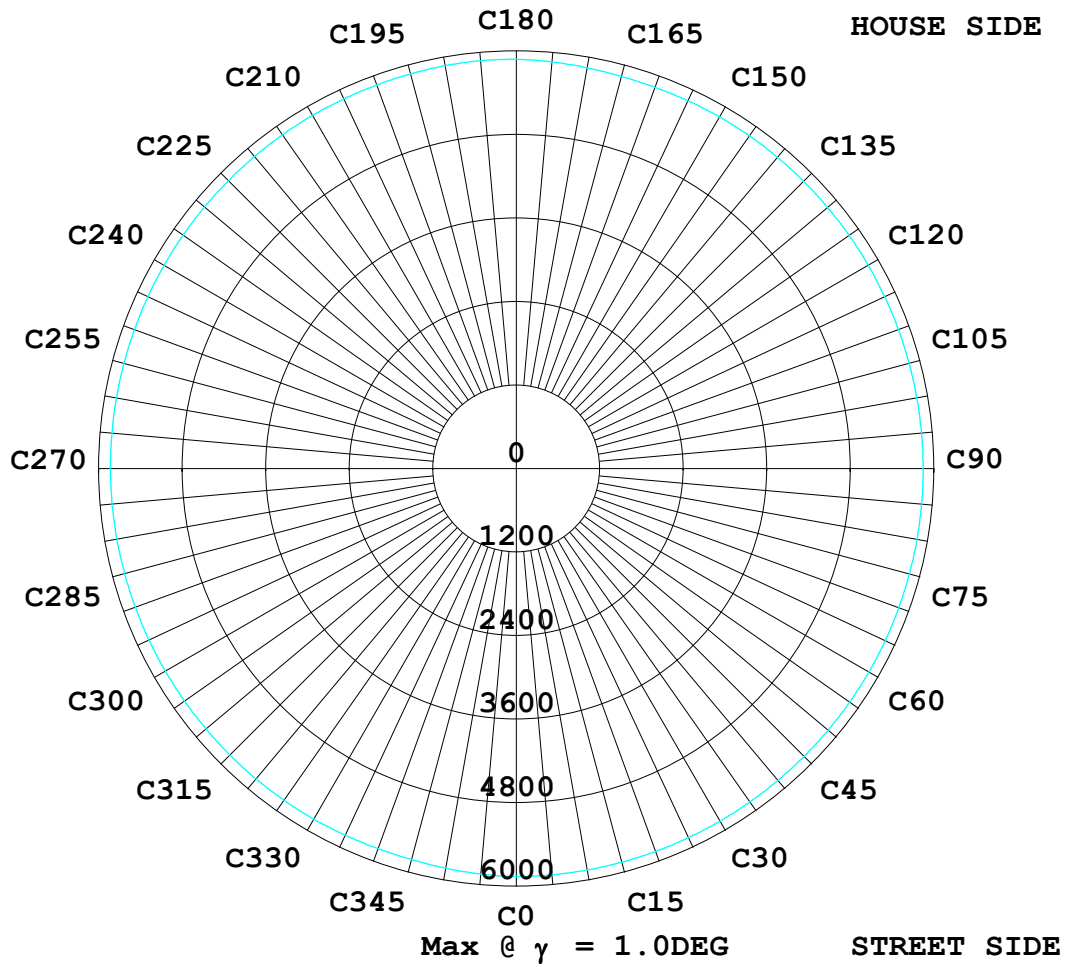
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LUMINOUS DISTRIBUTION INTENSITY DATA

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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	5876	5869	5861	5856	5852	5847	5842	5839	5834	5832	5830	5827	5876	5869	5861
5.0	5682	5664	5666	5662	5670	5669	5690	5698	5694	5657	5658	5659	5729	5734	5702
10.0	5070	4981	4958	4980	4981	4904	4907	4932	4957	4888	4872	4892	5010	5000	4920
15.0	4051	4001	3985	3955	3940	3901	3888	3857	3851	3873	3889	3877	3898	3922	3909
20.0	2963	2998	2980	2945	2908	2891	2866	2865	2854	2847	2841	2878	2924	2929	2899
25.0	2133	2106	2126	2104	2109	2046	2037	2025	2071	2046	2063	2066	2112	2113	2088
30.0	1528	1490	1490	1489	1513	1449	1415	1413	1460	1438	1454	1429	1463	1474	1464
35.0	1017	998	1020	996	989	950	954	923	954	958	979	951	972	985	993
40.0	678	665	685	676	671	641	636	622	644	649	660	644	655	665	668
45.0	471	461	476	470	474	445	442	430	450	450	460	447	451	463	463
50.0	335	330	341	335	337	318	318	310	320	321	331	321	319	332	331
55.0	255	249	259	249	250	241	245	236	243	242	252	243	243	253	250
60.0	192	187	192	183	185	178	183	177	184	180	186	182	185	192	185
65.0	135	129	134	127	131	125	132	126	131	125	131	127	129	136	130
70.0	88.6	83.6	88.3	81.4	86.4	81.3	88.2	81.1	85.5	80.1	86.8	82.4	83.1	90.0	85.2
75.0	52.5	48.3	52.0	46.6	50.4	46.2	52.2	46.6	49.9	46.1	51.3	47.7	47.7	53.4	49.7
80.0	24.8	21.3	24.2	20.4	23.5	20.4	24.4	20.4	23.2	20.3	24.0	21.2	21.5	25.6	22.5
85.0	8.47	5.92	8.29	5.73	8.01	5.64	8.01	5.55	7.92	5.73	8.29	5.92	5.92	8.56	6.19
90.0	4.37	2.64	4.37	2.64	4.37	2.64	4.37	2.64	4.37	2.64	4.37	2.64	2.73	4.46	2.64
95.0	4.19	2.73	4.19	2.73	4.09	2.73	4.09	2.73	4.09	2.73	4.09	2.73	2.82	4.19	2.73
100.0	4.00	2.91	4.09	2.91	4.00	2.91	4.00	2.91	4.00	2.91	4.09	2.91	2.91	4.00	2.91
105.0	4.00	3.09	4.00	3.09	4.00	3.09	4.00	3.09	3.91	3.09	4.00	3.09	3.18	4.00	3.09
110.0	4.00	3.37	4.09	3.27	4.00	3.27	4.00	3.27	4.00	3.27	4.09	3.27	3.37	4.00	3.27
115.0	4.28	3.55	4.19	3.64	4.19	3.55	4.19	3.55	4.19	3.64	4.19	3.64	3.64	4.19	3.55
120.0	4.46	4.00	4.46	4.00	4.46	4.00	4.46	4.00	4.37	4.00	4.46	4.00	4.09	4.46	3.91
125.0	4.91	4.55	4.91	4.55	4.91	4.46	4.82	4.55	4.91	4.46	4.91	4.55	4.64	4.91	4.55
130.0	5.64	5.37	5.55	5.28	5.55	5.19	5.46	5.28	5.46	5.28	5.55	5.37	5.37	5.55	5.28
135.0	6.65	6.46	6.55	6.28	6.46	6.28	6.46	6.28	6.46	6.28	6.55	6.37	6.28	6.46	6.37
140.0	7.92	7.74	7.83	7.65	7.74	7.56	7.65	7.65	7.74	7.65	7.83	7.83	7.65	7.74	7.65
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	5856	5852	5847	5842	5839	5834	5832	5830	5827
5.0	5693	5694	5712	5697	5687	5668	5659	5645	5645
10.0	4928	4968	5018	4967	4979	5007	5022	4971	5019
15.0	3943	3908	3932	3929	3977	3978	4024	3986	4027
20.0	2911	2905	2923	2913	2947	2926	2963	2983	3012
25.0	2099	2086	2081	2051	2075	2101	2127	2111	2132
30.0	1482	1483	1474	1424	1464	1506	1508	1481	1495
35.0	999	973	972	962	974	985	1020	1014	1017
40.0	681	665	660	641	654	659	689	685	685
45.0	479	471	463	446	456	463	482	473	475
50.0	345	333	332	321	330	330	344	338	341
55.0	257	244	250	243	250	245	258	253	257
60.0	191	181	187	180	188	182	192	186	193
65.0	135	129	135	130	136	130	136	130	136
70.0	90.0	85.2	91.1	87.2	91.7	86.0	90.6	85.0	89.5
75.0	53.7	49.7	54.6	51.9	55.1	50.0	53.8	49.1	53.1
80.0	26.4	23.1	27.1	24.5	27.4	23.1	26.2	22.1	25.2
85.0	8.92	6.83	9.65	7.37	9.74	6.83	8.92	6.10	8.38
90.0	4.46	2.64	4.46	2.64	4.46	2.64	4.37	2.64	4.46
95.0	4.09	2.73	4.19	2.73	4.19	2.73	4.09	2.73	4.09
100.0	4.00	2.91	4.00	2.91	4.00	2.82	4.00	2.82	4.00
105.0	4.00	3.09	4.00	3.00	4.00	3.00	3.91	3.00	3.91
110.0	4.09	3.27	4.00	3.27	4.00	3.27	4.00	3.27	4.00
115.0	4.19	3.55	4.19	3.55	4.19	3.55	4.09	3.46	4.19
120.0	4.46	3.91	4.46	4.00	4.46	3.91	4.37	3.91	4.37
125.0	4.91	4.55	4.82	4.46	4.82	4.46	4.82	4.46	4.82
130.0	5.64	5.28	5.55	5.28	5.55	5.19	5.46	5.19	5.46
135.0	6.46	6.37	6.46	6.28	6.46	6.19	6.37	6.19	6.28
140.0	7.74	7.65	7.74	7.65	7.65	7.47	7.56	7.47	7.56
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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