

PHOTOMETRIC TEST REPORT

Report number: 0001353

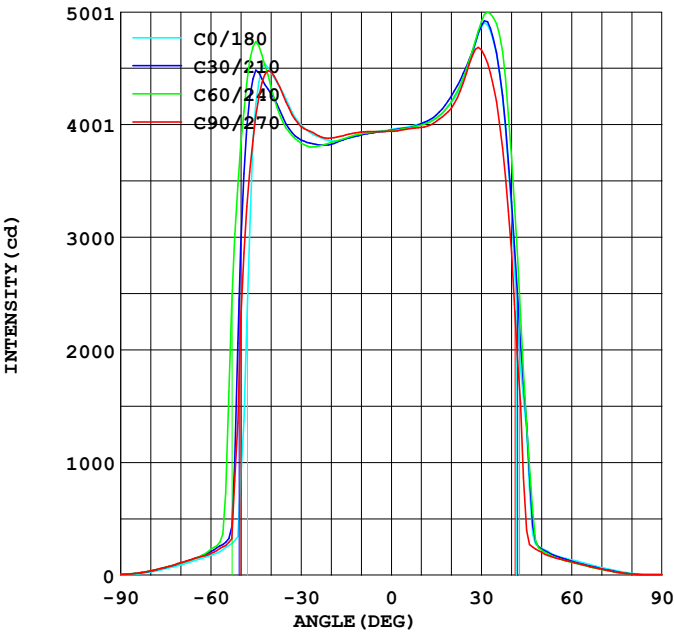
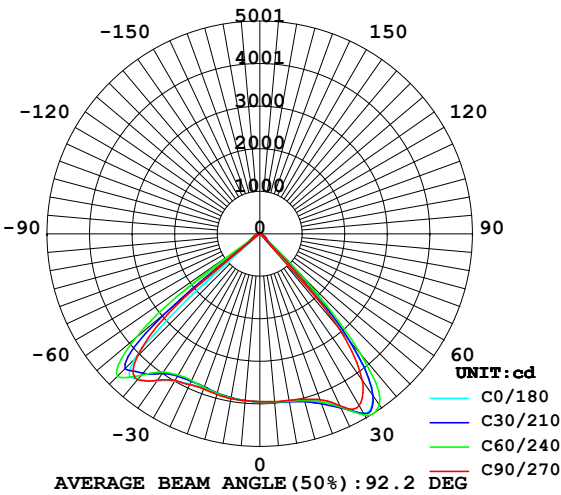
MANUFACTURER: FIBERLI	Address:PSL ELEKTRONIK ANTALYA	
NAME: WH9 MP108 CW 90D 60W 220V AC IP66	TYPE:WALL WASHER	WEIGHT:5.3
SPECIFICATION:WALL WASHER H9	DIMENSION: 475x310x70	SERIAL No.:

TEST DATA:					
MODEL:	WH9	Imax (cd) :	5173	η street_up(%) :	0.2
NOMINAL POWER(W) :	60	MAXIMUM(C, γ):	135,40.0	η street_down(%) :	55.4
RATED VOLTAGE (V) :	220	TOTAL FLUX(lm) :	8702	η house_up(%) :	0.2
NOMINAL FLUX(lm) :	8701.9	EFFICIENCY(%) :	100.0	η house_down(%) :	44.2
TEST FLUX(lm:	8702	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:220.6V I:0.281A P:60.82W PF:0.978

Test System:LSG-1600
Temperature:23.1DEG
Operators:REGAIP DASTAN
Test Date:02-23-2017

Test Set: 2.0deg/s C-Gamma (TYPE C)
Humidity:51.0%
Test Distance:9.545 m
Remarks: WH9 MP108 CW 90D 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	3936	3937	3939	3944	3977	3969	3960	3932	0- 5	94.32	94.32
10.0	3910	3913	3935	3952	4010	4006	3975	3928	5- 10	282.5	376.9
15.0	3876	3874	3909	3968	4055	4080	4030	3915	10- 15	469.2	846.1
20.0	3856	3827	3881	3990	4199	4234	4146	3966	15- 20	657.2	1503
25.0	3903	3796	3914	4081	4466	4502	4456	4082	20- 25	856.8	2360
30.0	3999	3839	3985	4299	4872	4872	4663	4418	25- 30	1084	3444
35.0	4227	3952	4203	4649	4631	5035	4207	4692	30- 35	1303	4747
40.0	4464	4271	4472	5173	3249	3740	2868	4152	35- 40	1414	6161
45.0	4186	4718	4081	4370	1286	1426	395.9	2517	40- 45	1255	7416
50.0	854.8	4084	2264	1839	238.2	242.2	203.4	332.0	45- 50	772.8	8189
55.0	245.6	486.4	262.6	242.4	172.1	168.0	149.4	197.2	50- 55	224.7	8414
60.0	174.8	218.2	192.2	164.4	136.1	126.0	116.7	137.4	55- 60	84.13	8498
65.0	131.5	147.5	151.3	118.1	101.7	88.92	82.99	100.7	60- 65	63.69	8561
70.0	89.92	101.3	110.7	81.54	66.96	56.39	52.47	66.96	65- 70	46.56	8608
75.0	57.03	63.77	70.60	50.19	38.17	30.79	25.14	38.72	70- 75	30.57	8639
80.0	28.69	34.34	37.44	24.96	15.12	12.02	9.019	17.49	75- 80	16.77	8655
85.0	10.75	13.02	15.76	8.746	4.555	5.466	3.370	6.650	80- 85	7.133	8662
90.0	5.193	4.373	6.286	3.370	3.097	4.555	3.097	4.646	85- 90	2.981	8665
95.0	4.555	3.006	4.646	3.097	3.188	4.373	3.188	4.373	90- 95	2.122	8668
100.0	4.373	3.188	4.373	3.188	3.279	4.373	3.370	4.282	95-100	2.055	8670
105.0	4.282	3.279	4.282	3.370	3.553	5.193	3.917	4.464	100-105	2.088	8672
110.0	4.464	3.644	4.282	4.008	4.737	6.833	5.557	5.648	105-110	2.340	8674
115.0	5.284	4.646	4.737	5.375	6.741	8.928	7.926	7.561	110-115	2.895	8677
120.0	7.197	6.468	6.104	7.561	9.292	11.29	10.56	9.839	115-120	3.703	8681
125.0	9.566	8.746	8.199	10.11	11.66	13.21	13.02	12.29	120-125	4.574	8685
130.0	12.20	11.47	10.75	12.20	13.84	14.03	15.12	13.66	125-130	5.271	8690
135.0	14.57	13.39	13.21	14.12	15.39	15.30	16.49	14.66	130-135	5.644	8696
140.0	16.39	14.66	15.30	15.48	16.12	16.94	17.12	16.03	135-140	5.724	8702
145.0	0	0	0	0	0	0	0	0	140-145	0	8702
150.0	0	0	0	0	0	0	0	0	145-150	0	8702
155.0	0	0	0	0	0	0	0	0	150-155	0	8702
160.0	0	0	0	0	0	0	0	0	155-160	0	8702
165.0	0	0	0	0	0	0	0	0	160-165	0	8702
170.0	0	0	0	0	0	0	0	0	165-170	0	8702
175.0	0	0	0	0	0	0	0	0	170-175	0	8702
180.0	0	0	0	0	0	0	0	0	175-180	0	8702
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

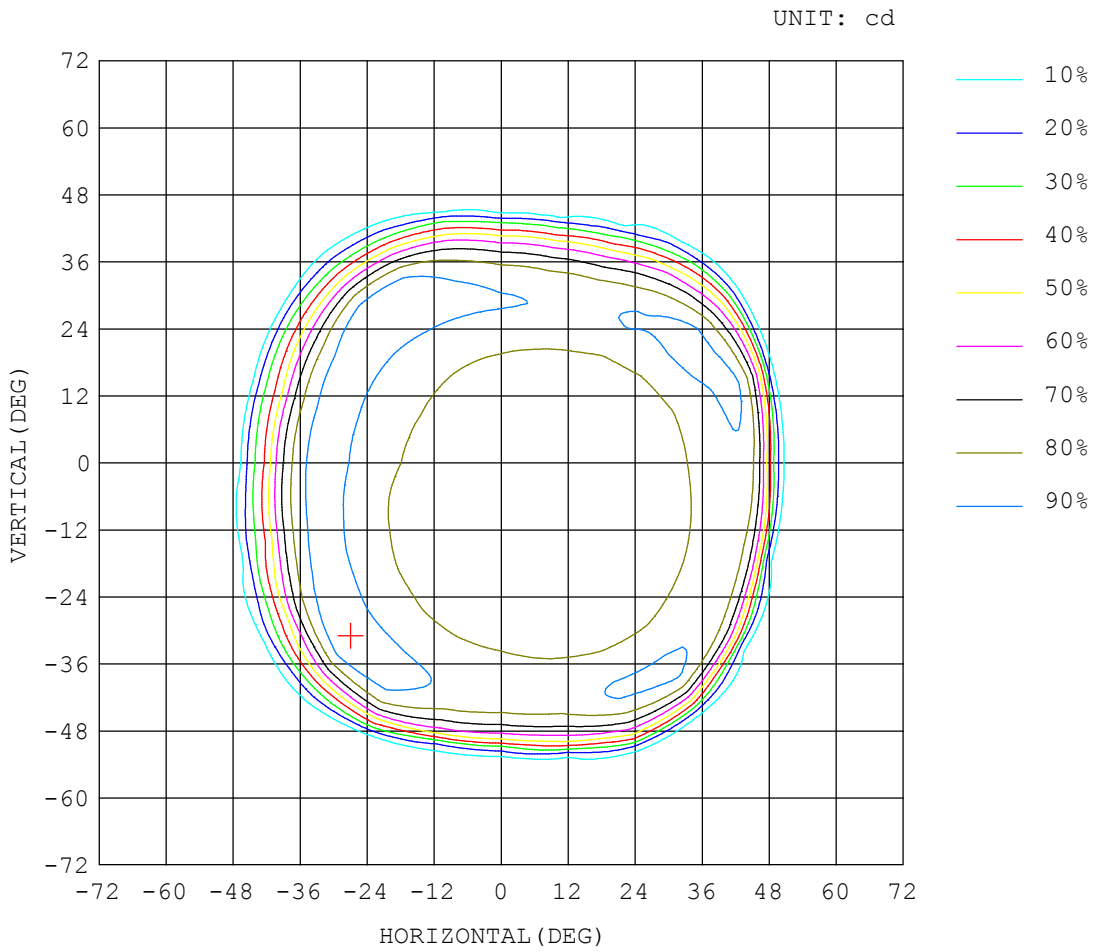
Test System:LSG-1600
Temperature:23.1DEG
Operators:REGAIP DASTAN
Test Date:02-23-2017

Test Set: 2.0deg/s C-Gamma (TYPE C)
Humidity:51.0%
Test Distance:9.545 m
Remarks: WH9 MP108 CW 90D 60W 220V AC IP66

ISOCANDELA DIAGRAM

Report number: 0001353

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



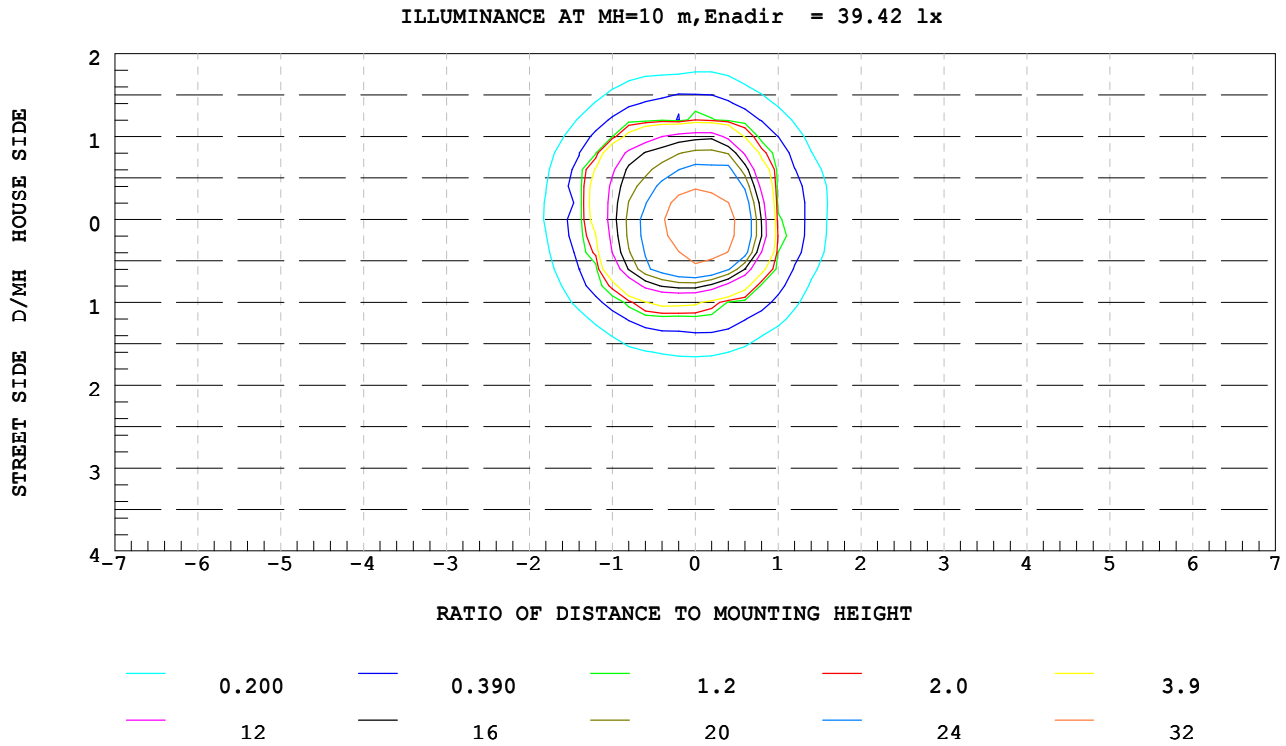
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ISOLUX DIAGRAM

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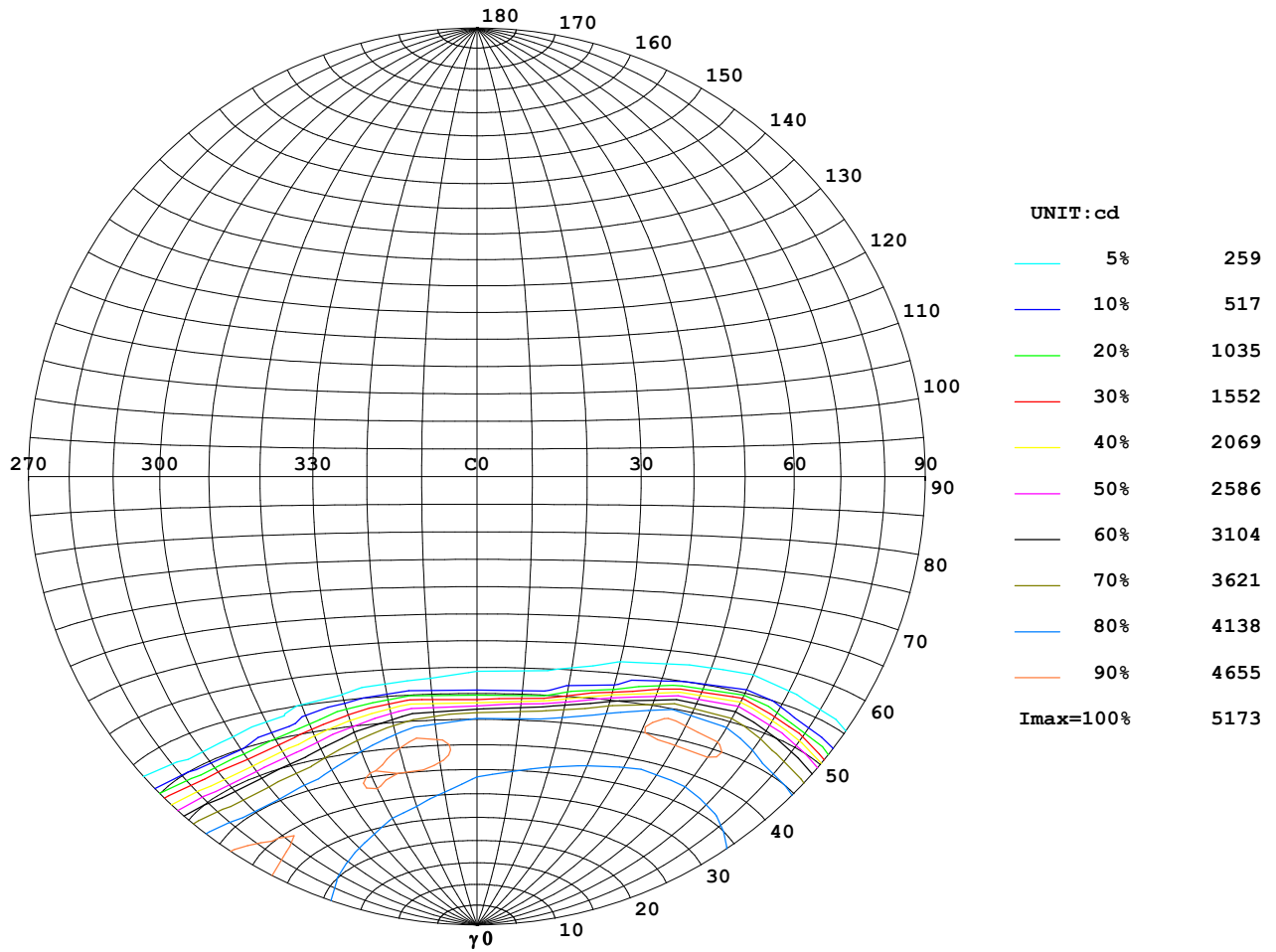
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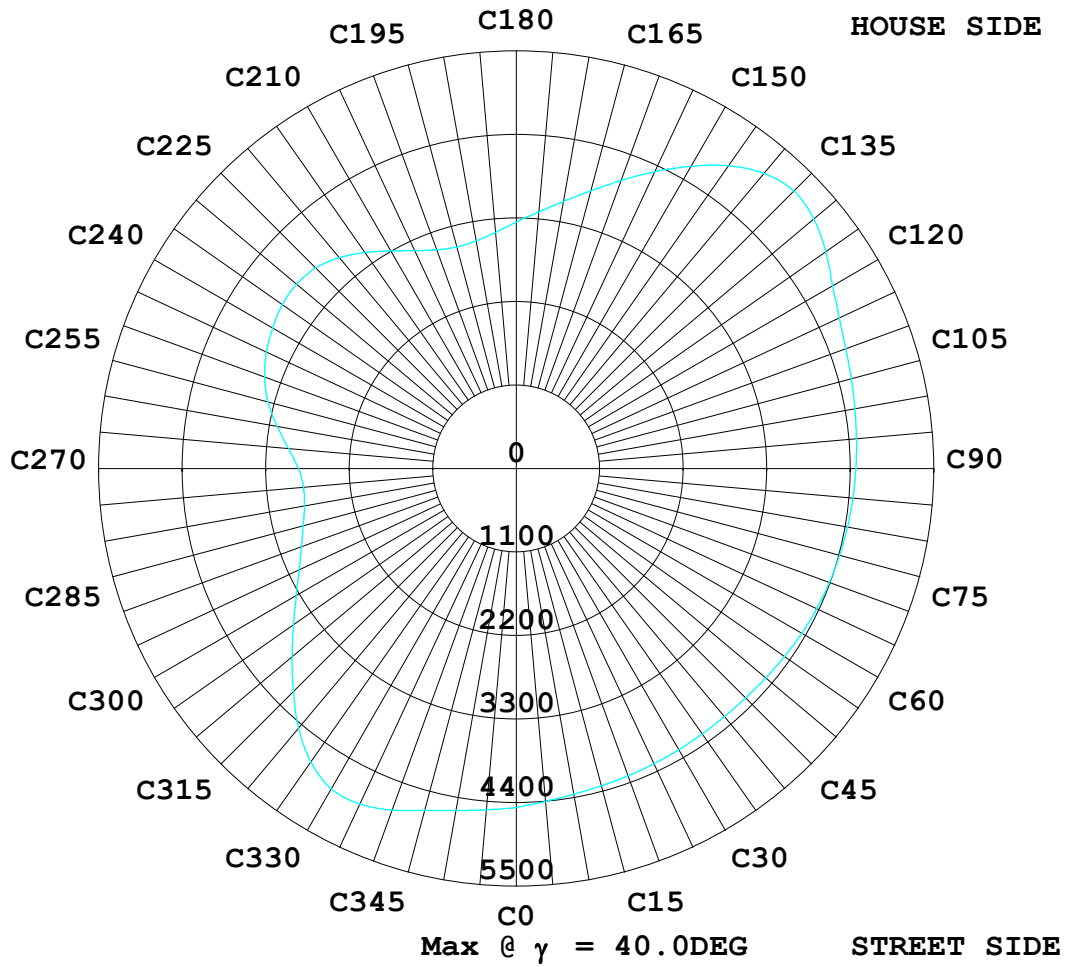
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LUMINOUS DISTRIBUTION INTENSITY DATA

Report number: 0001353

MANUFACTURER: FIBERLI	Address:PSL ELEKTRONIK ANTALYA	
NAME: WH9 MP108 CW 90D 60W 220V AC IP66	TYPE:WALL WASHER	WEIGHT:5.3
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	3958	3955	3951	3950	3947	3944	3942	3938	3936	3935	3934	3932	3958	3955	3951
5.0	3936	3935	3932	3937	3938	3939	3939	3939	3941	3944	3946	3947	3977	3975	3970
10.0	3910	3911	3908	3913	3920	3927	3935	3938	3941	3952	3967	3977	4010	4010	4009
15.0	3876	3877	3875	3874	3882	3896	3909	3918	3934	3968	3986	4004	4055	4074	4086
20.0	3856	3845	3826	3827	3841	3862	3881	3901	3944	3990	4042	4111	4199	4237	4255
25.0	3903	3868	3826	3796	3806	3851	3914	3956	4004	4081	4195	4311	4466	4515	4515
30.0	3999	3926	3864	3839	3837	3896	3985	4054	4148	4299	4478	4712	4872	4889	4880
35.0	4227	4113	4008	3952	3973	4064	4203	4305	4448	4649	4913	4755	4631	4542	4639
40.0	4464	4325	4278	4271	4342	4409	4472	4570	4809	5173	4595	3787	3249	3023	3310
45.0	4186	4248	4484	4718	4737	4289	4081	4138	4619	4370	3104	1769	1286	1149	1342
50.0	855	912	2936	4084	3826	3034	2264	2175	2440	1839	1081	268	238	242	232
55.0	246	253	292	486	733	300	263	254	275	242	219	186	172	176	168
60.0	175	178	208	218	228	202	192	179	186	164	158	141	136	135	124
65.0	132	135	151	148	151	146	151	136	132	118	117	104	102	97.9	88.1
70.0	89.9	92.2	105	101	108	102	111	96.4	91.7	81.5	80.7	70.7	66.9	66.1	56.6
75.0	57.0	57.8	67.0	63.7	69.6	63.8	70.6	61.1	59.1	50.1	49.5	42.1	38.1	37.6	30.0
80.0	28.6	28.6	35.9	34.3	39.3	33.8	37.4	31.3	31.7	24.9	24.9	18.8	15.1	15.5	10.9
85.0	10.7	9.93	15.1	13.0	16.9	13.3	15.7	11.7	12.8	8.74	9.47	5.55	4.55	6.01	3.64
90.0	5.19	3.55	6.10	4.37	6.65	4.28	6.28	3.91	5.64	3.37	4.82	3.00	3.09	4.64	3.00
95.0	4.55	3.09	4.64	3.00	4.64	3.00	4.64	3.00	4.55	3.09	4.46	3.09	3.18	4.37	3.18
100.0	4.37	3.18	4.37	3.18	4.46	3.09	4.37	3.09	4.37	3.18	4.37	3.27	3.27	4.28	3.27
105.0	4.28	3.37	4.28	3.27	4.28	3.27	4.28	3.27	4.19	3.37	4.37	3.55	3.55	4.37	4.00
110.0	4.46	3.64	4.37	3.64	4.37	3.46	4.28	3.46	4.37	4.00	5.01	4.73	4.73	5.46	5.64
115.0	5.28	4.55	5.10	4.64	5.10	4.37	4.73	4.19	5.19	5.37	6.65	6.65	6.74	7.56	7.92
120.0	7.19	6.37	6.74	6.46	6.74	6.01	6.10	5.92	6.83	7.56	8.83	9.11	9.29	9.93	10.3
125.0	9.56	8.92	9.01	8.74	8.92	8.29	8.19	8.19	9.11	10.1	11.2	11.5	11.6	12.3	12.5
130.0	12.2	11.5	11.5	11.4	11.3	10.8	10.7	10.8	11.4	12.2	13.3	13.6	13.8	14.4	14.3
135.0	14.5	14.0	13.7	13.3	13.3	13.0	13.2	13.3	13.7	14.1	14.1	14.6	15.3	15.8	15.4
140.0	16.3	15.8	15.3	14.6	14.5	14.9	15.3	15.5	15.6	15.4	15.5	15.8	16.1	16.3	16.5
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	3950	3947	3944	3942	3938	3936	3935	3934	3932
5.0	3969	3966	3964	3960	3950	3940	3932	3922	3915
10.0	4006	3996	3985	3975	3959	3944	3928	3914	3896
15.0	4080	4062	4040	4030	3999	3957	3915	3893	3874
20.0	4234	4203	4171	4146	4097	4043	3966	3897	3867
25.0	4502	4492	4467	4456	4369	4240	4082	3988	3920
30.0	4872	4918	4794	4663	4621	4610	4418	4173	4052
35.0	5035	4897	4498	4207	4185	4364	4692	4620	4308
40.0	3740	3705	3387	2868	2909	3348	4152	4875	4659
45.0	1426	1330	1046	396	451	1404	2517	3727	4523
50.0	242	220	219	203	222	234	332	950	955
55.0	168	152	157	149	163	170	197	209	240
60.0	126	113	117	117	129	126	137	147	169
65.0	88.9	79.9	82.7	82.9	92.9	88.1	101	105	122
70.0	56.3	50.1	53.8	52.4	60.4	56.2	66.9	68.6	82.7
75.0	30.7	25.3	28.6	25.1	29.8	29.8	38.7	39.2	50.4
80.0	12.0	9.11	11.3	9.01	12.4	11.7	17.4	17.0	24.7
85.0	5.46	3.37	5.10	3.37	5.37	3.82	6.65	5.28	8.92
90.0	4.55	3.09	4.46	3.09	4.55	3.00	4.64	3.00	4.73
95.0	4.37	3.18	4.37	3.18	4.37	3.09	4.37	3.00	4.46
100.0	4.37	3.46	4.28	3.37	4.19	3.27	4.28	3.18	4.28
105.0	5.19	4.55	4.91	3.91	4.55	3.91	4.46	3.46	4.19
110.0	6.83	6.46	6.46	5.55	5.83	5.37	5.64	4.37	4.55
115.0	8.92	8.74	8.74	7.92	8.01	7.56	7.56	6.19	5.64
120.0	11.2	11.2	11.2	10.5	10.6	10.1	9.83	8.56	7.65
125.0	13.2	13.0	13.2	13.0	12.8	12.3	12.2	11.1	10.0
130.0	14.0	13.9	15.0	15.1	14.9	14.0	13.6	13.1	12.3
135.0	15.3	15.5	16.2	16.4	16.3	15.2	14.6	14.5	14.4
140.0	16.9	17.0	17.3	17.1	17.1	16.5	16.0	15.8	15.8
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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 Operators:REGAIP DASTAN
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