

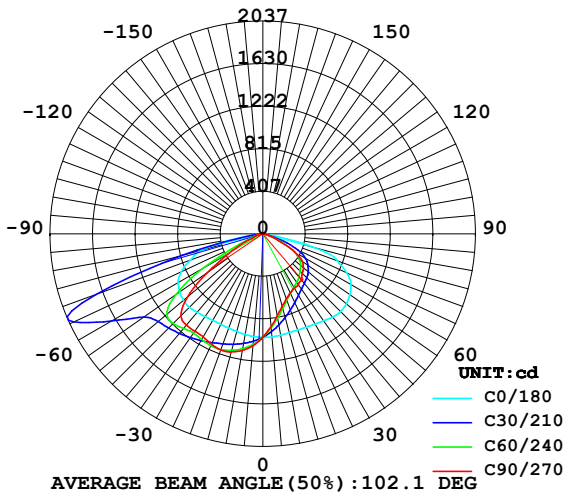
PHOTOMETRIC TEST REPORT

Report number: 0001345

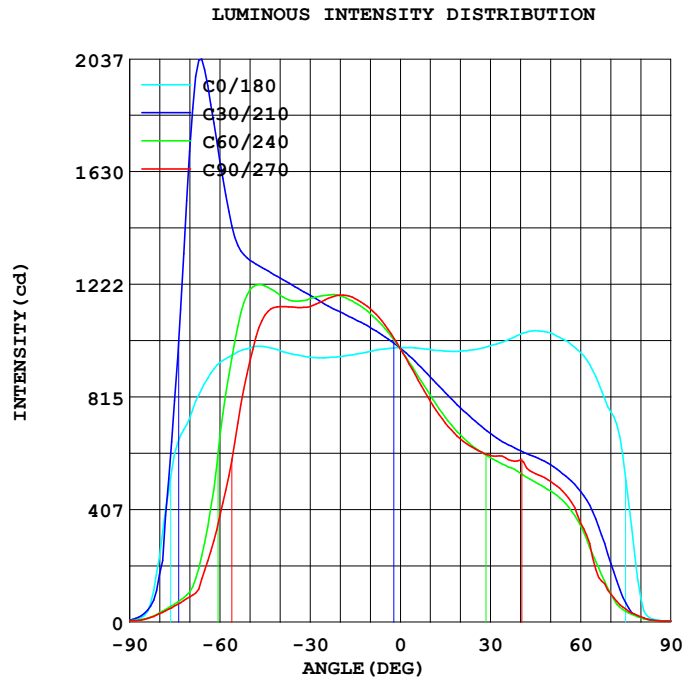
MANUFACTURER: FIBERLI	Address:PSL ELEKTRONIK ANTALYA	
NAME: WH9 MP108 CW 90x120D 32W 220V AC IP66	TYPE:WALL WASHER	WEIGHT:5.3
SPECIFICATION:WALL WASHER	DIMENSION: 475x310x70mm	SERIAL No.:

TEST DATA:					
MODEL:	WH9	Imax (cd) :	2037	η street_up(%) :	0.4
NOMINAL POWER(W) :	32	MAXIMUM(C, γ :	30,66.0	η street_down(%) :	53.6
RATED VOLTAGE (V) :	222	TOTAL FLUX(lm) :	3616	η house_up(%) :	0.3
NOMINAL FLUX(lm) :	3616.3	EFFICIENCY(%) :	100.0	η house_down(%) :	45.6
TEST FLUX(lm:	3616	η up(%) :	0.7		
LAMPS QUANTITY:	1	η down(%) :	99.3		

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS



INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS



Test:U:221.0V I:0.149A P:31.69W PF:0.961

Test System:LSG-1600
Temperature:25.3DEG
Operators:REGAIP DASTAN
Test Date:02-20-2017

Test Set: 2.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.545 m
Remarks: WH9 MP108 CW 90x120D 32W 220V AC I1

ZONAL FLUX DIAGRAM

Report number: 0001345

MANUFACTURER: FIBERLI	Address:PSL ELEKTRONIK ANTALYA	
NAME: WH9 MP108 CW 90x120D 32W 220V AC IP66	TYPE:WALL WASHER	WEIGHT:5.3
SPECIFICATION:WALL WASHER	DIMENSION: 475x310x70mm	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total
5.0	988.1	1049	1074	1057	991.8	923.8	895.2	927.9	0- 5	23.68	23.68
10.0	979.2	1097	1134	1107	985.5	850.3	799.0	853.3	5- 10	70.19	93.87
15.0	968.5	1134	1171	1141	980.4	776.6	719.8	779.1	10- 15	114.5	208.4
20.0	960.5	1159	1183	1167	979.7	712.7	662.6	714.3	15- 20	156.4	364.9
25.0	956.4	1181	1166	1185	986.3	659.1	626.3	661.3	20- 25	195.8	560.7
30.0	958.2	1195	1142	1195	999.5	614.7	602.6	617.7	25- 30	232.7	793.5
35.0	968.0	1205	1138	1194	1017	580.2	594.2	583.6	30- 35	268.4	1062
40.0	982.0	1212	1141	1214	1041	548.0	586.8	551.8	35- 40	303.8	1366
45.0	996.0	1259	1110	1283	1054	520.4	536.3	523.7	40- 45	336.8	1703
50.0	992.2	1357	942.5	1354	1046	491.7	508.9	495.2	45- 50	361.4	2064
55.0	971.1	1441	648.6	1331	1019	455.4	462.0	461.4	50- 55	368.8	2433
60.0	938.8	1393	381.7	1027	974.4	390.2	357.5	406.4	55- 60	354.5	2788
65.0	863.9	977.6	187.0	404.0	888.2	282.1	190.5	309.6	60- 65	318.1	3106
70.0	737.2	242.1	91.19	98.03	760.7	138.7	101.5	176.3	65- 70	245.0	3351
75.0	608.3	78.35	57.94	53.11	512.6	48.19	46.37	72.24	70- 75	158.7	3509
80.0	236.6	36.80	30.42	21.95	85.36	19.58	19.13	28.97	75- 80	64.14	3574
85.0	24.23	12.29	10.02	6.286	8.472	7.197	4.828	10.47	80- 85	12.56	3586
90.0	7.652	3.370	4.646	2.733	3.826	5.193	2.642	5.101	85- 90	3.307	3590
95.0	6.741	2.915	4.373	3.006	4.373	5.557	2.824	5.101	90- 95	2.367	3592
100.0	6.833	3.188	4.282	3.279	4.919	6.104	3.097	5.557	95-100	2.464	3594
105.0	7.197	3.553	4.282	3.553	5.557	6.650	3.644	6.195	100-105	2.613	3597
110.0	7.379	3.826	4.464	3.826	6.104	7.106	4.190	6.741	105-110	2.755	3600
115.0	7.561	4.190	4.646	4.099	6.468	7.379	4.919	7.106	110-115	2.849	3603
120.0	7.744	4.464	4.828	4.373	6.833	7.470	5.648	7.470	115-120	2.889	3605
125.0	7.835	4.737	5.010	4.646	7.015	7.561	6.195	7.652	120-125	2.870	3608
130.0	7.835	5.010	5.101	4.919	7.197	7.744	6.650	7.744	125-130	2.798	3611
135.0	7.744	5.284	5.193	5.193	7.197	7.926	7.015	7.926	130-135	2.675	3614
140.0	7.561	5.557	5.375	5.375	7.288	8.017	7.288	8.108	135-140	2.504	3616
145.0	0	0	0	0	0	0	0	0	140-145	0	3616
150.0	0	0	0	0	0	0	0	0	145-150	0	3616
155.0	0	0	0	0	0	0	0	0	150-155	0	3616
160.0	0	0	0	0	0	0	0	0	155-160	0	3616
165.0	0	0	0	0	0	0	0	0	160-165	0	3616
170.0	0	0	0	0	0	0	0	0	165-170	0	3616
175.0	0	0	0	0	0	0	0	0	170-175	0	3616
180.0	0	0	0	0	0	0	0	0	175-180	0	3616
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:LSG-1600
 Temperature:25.3DEG
 Operators:REGAIP DASTAN
 Test Date:02-20-2017

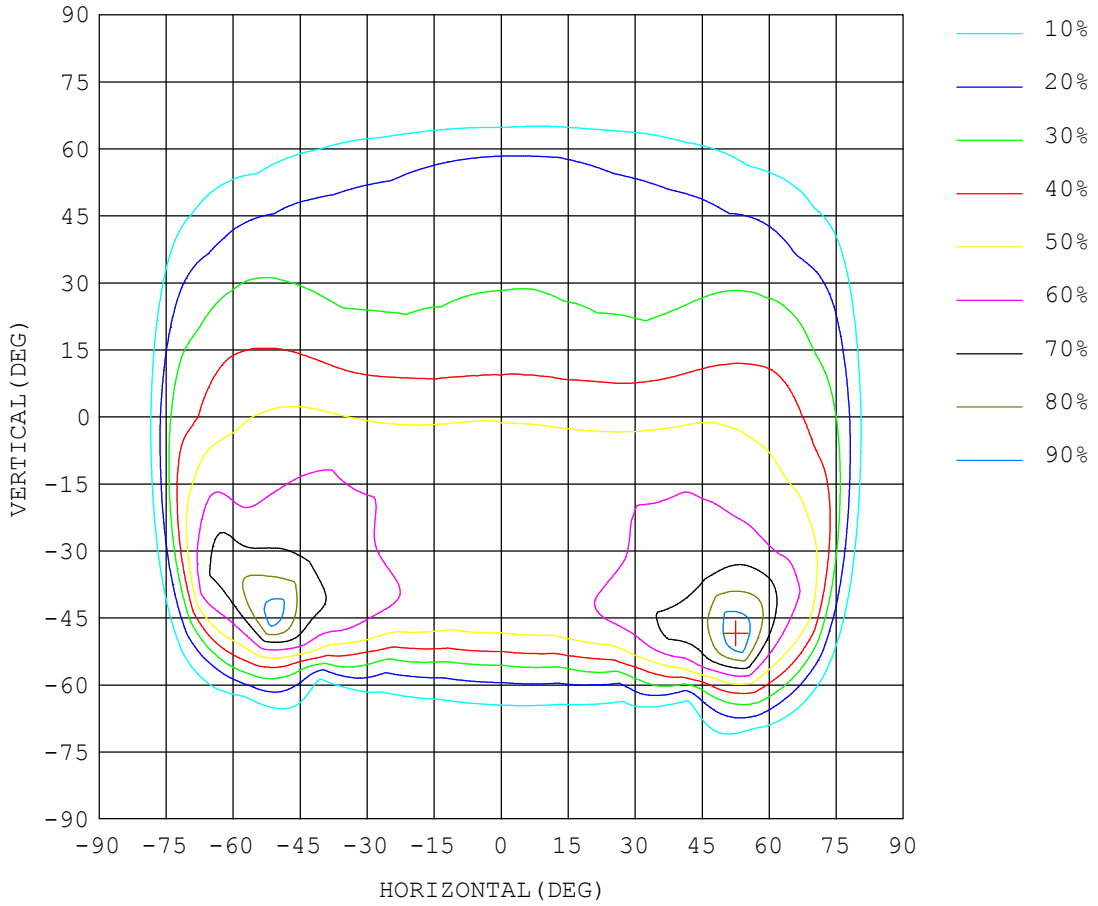
Test Set: 2.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.545 m
 Remarks: WH9 MP108 CW 90x120D 32W 220V AC I1

ISOCANDELA DIAGRAM

Report number: 0001345

MANUFACTURER: FIBERLI	Address:PSL ELEKTRONIK ANTALYA	
NAME: WH9 MP108 CW 90x120D 32W 220V AC IP66 TYPE:WALL WASHER	WEIGHT:5.3	
SPECIFICATION:WALL WASHER	DIMENSION: 475x310x70mm	SERIAL No.:

UNIT: cd



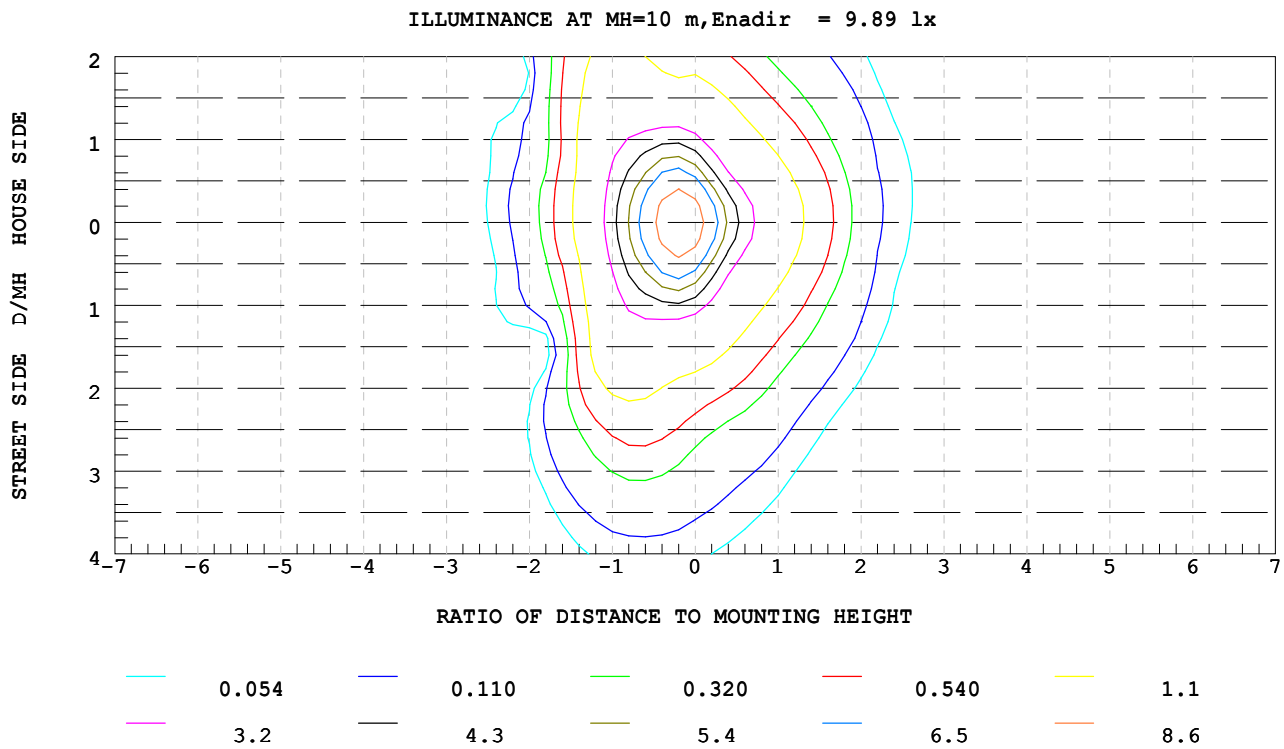
Test System:LSG-1600
Temperature:25.3DEG
Operators:REGAIP DASTAN
Test Date:02-20-2017

Test Set: 2.0deg/s C-Gamma (TYPE C)
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Test Distance:9.545 m
Remarks: WH9 MP108 CW 90x120D 32W 220V AC IP66

ISOLUX DIAGRAM

Report number: 0001345

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SPECIFICATION:WALL WASHER	DIMENSION: 475x310x70mm	SERIAL No.:



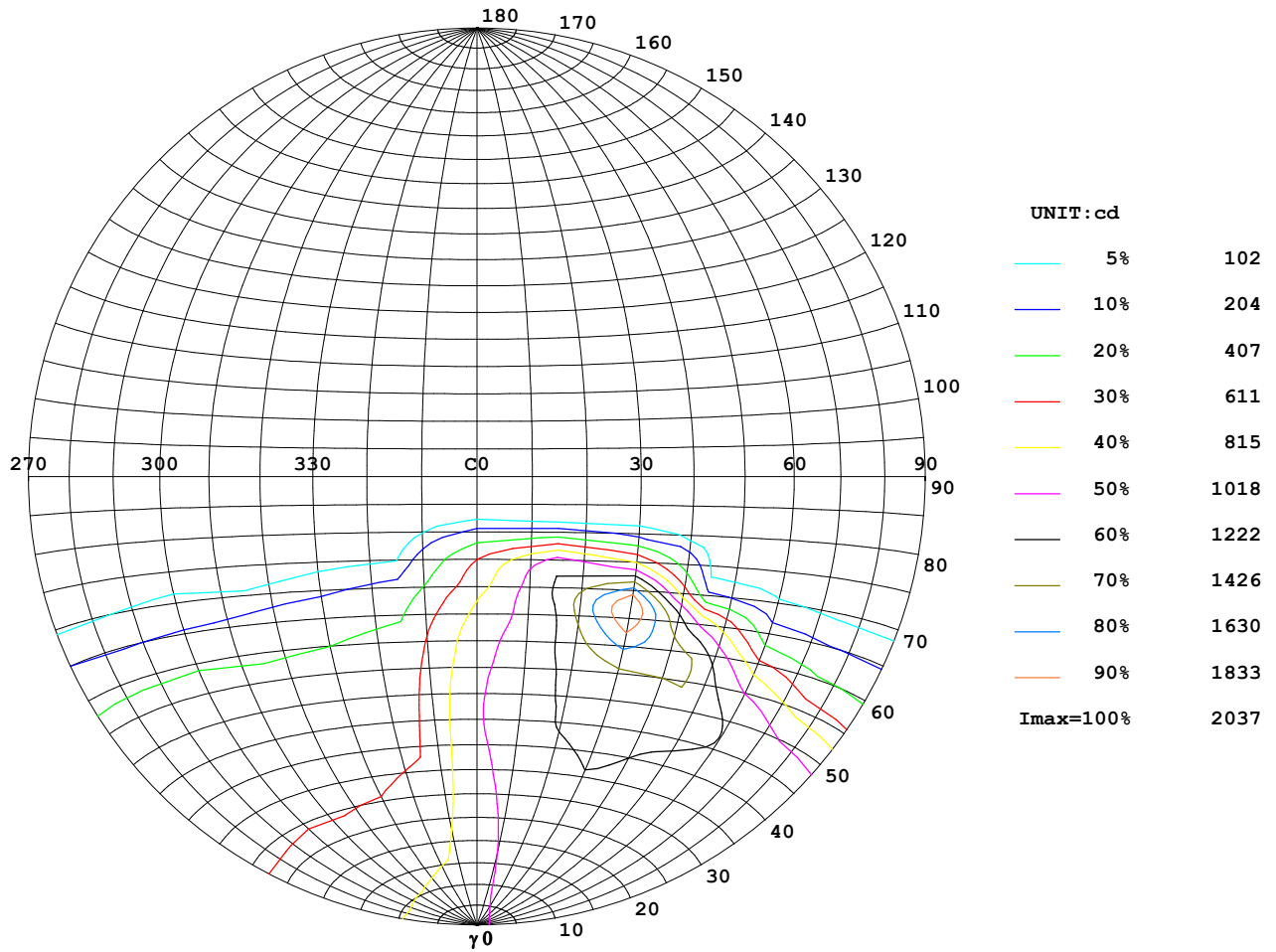
Test System:LSG-1600
Temperature:25.3DEG
Operators:REGAIP DASTAN
Test Date:02-20-2017

Test Set: 2.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
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SPECIFICATION:WALL WASHER	DIMENSION: 475x310x70mm	SERIAL No.:



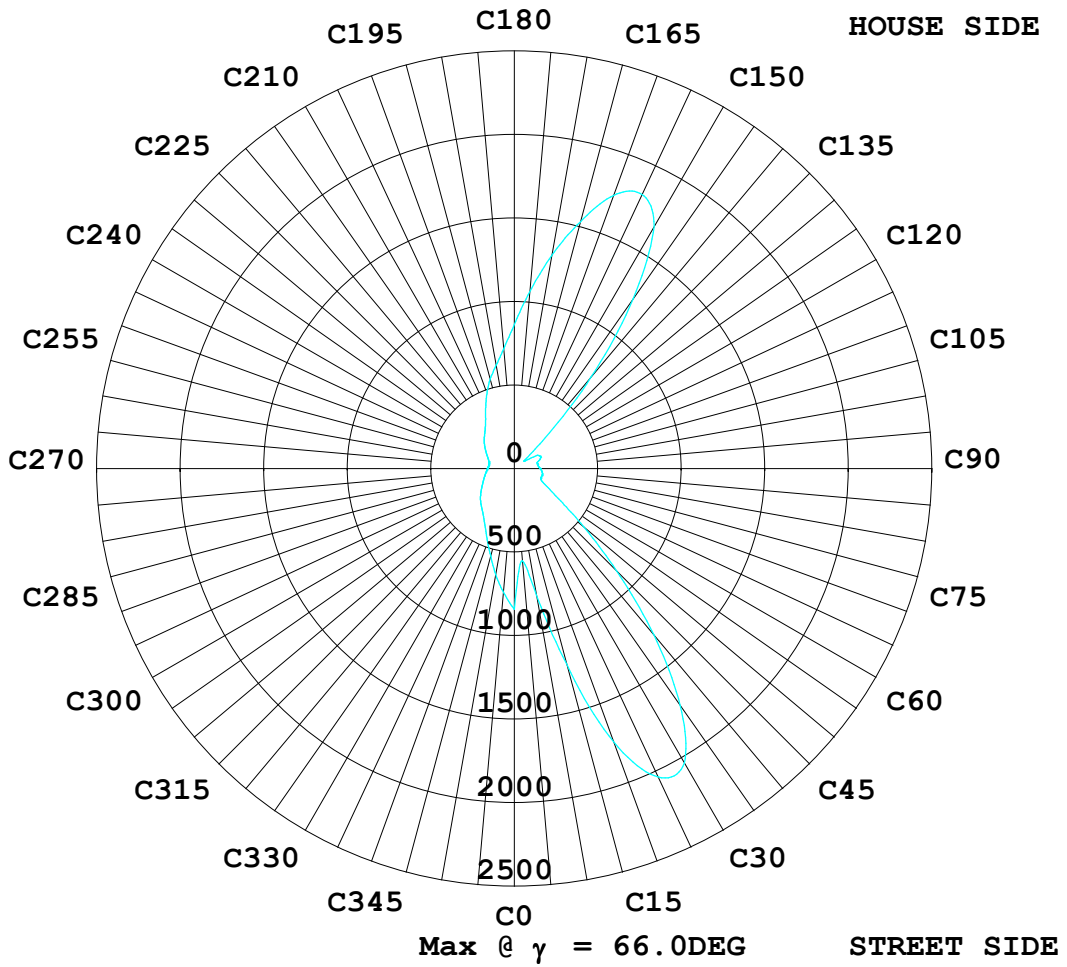
Test System:LSG-1600
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NAME: WH9 MP108 CW 90x120D 32W 220V AC IP66 TYPE:WALL WASHER	WEIGHT:5.3	
SPECIFICATION:WALL WASHER	DIMENSION: 475x310x70mm	SERIAL No.:



Test System:LSG-1600
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 Test Distance:9.545 m
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LUMINOUS DISTRIBUTION INTENSITY DATA

Report number: 0001345

MANUFACTURER: FIBERLI				Address:PSL ELEKTRONIK ANTALYA			
NAME: WH9 MP108 CW 90x120D 32W 220V AC IP66				TYPE:WALL WASHER		WEIGHT:5.3	
SPECIFICATION:WALL WASHER				DIMENSION: 475x310x70mm		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	993	992	991	991	989	990	989	994	994	997	997	1000	993	992	991
5.0	988	1011	1031	1049	1061	1072	1074	1075	1068	1057	1040	1023	992	968	943
10.0	979	1026	1066	1097	1117	1130	1134	1133	1122	1107	1079	1042	986	936	887
15.0	969	1038	1095	1134	1156	1166	1171	1168	1159	1141	1109	1061	980	903	830
20.0	961	1054	1122	1159	1181	1183	1183	1182	1182	1167	1137	1083	980	874	776
25.0	956	1077	1150	1181	1182	1172	1166	1167	1177	1185	1168	1114	986	847	726
30.0	958	1106	1182	1195	1170	1149	1142	1146	1161	1195	1200	1150	1000	824	682
35.0	968	1139	1213	1205	1161	1146	1138	1144	1158	1194	1229	1186	1017	808	647
40.0	982	1177	1245	1212	1183	1158	1141	1154	1188	1214	1256	1223	1041	800	620
45.0	996	1205	1276	1259	1216	1145	1110	1121	1201	1283	1287	1240	1054	793	597
50.0	992	1205	1310	1357	1202	1011	943	955	1115	1354	1362	1241	1046	775	569
55.0	971	1200	1392	1441	1014	743	649	660	841	1331	1559	1242	1019	738	528
60.0	939	1195	1671	1393	667	432	382	373	460	1027	1828	1270	974	684	472
65.0	864	1197	1999	978	287	207	187	172	199	404	1827	1498	888	589	374
70.0	737	1240	1703	242	109	91.1	91.1	84.9	88.5	98.0	970	1426	761	426	213
75.0	608	1081	801	78.3	65.4	53.6	57.9	46.0	53.7	53.1	267	796	513	226	68.3
80.0	237	278	172	36.8	33.6	23.5	30.4	19.7	22.5	21.9	47.3	116	85.3	51.3	17.3
85.0	24.2	21.2	32.2	12.2	11.6	7.37	10.0	6.01	8.01	6.28	13.4	10.3	8.47	10.5	5.64
90.0	7.65	4.09	7.92	3.37	5.19	2.82	4.64	2.64	4.64	2.73	5.83	3.27	3.82	6.74	4.09
95.0	6.74	3.64	5.83	2.91	4.46	2.82	4.37	2.82	4.37	3.00	5.37	3.64	4.37	6.74	4.91
100.0	6.83	4.09	5.46	3.18	4.37	3.00	4.28	3.00	4.28	3.27	5.28	4.09	4.91	7.10	5.64
105.0	7.19	4.64	5.55	3.55	4.37	3.27	4.28	3.27	4.37	3.55	5.28	4.55	5.55	7.47	6.28
110.0	7.37	5.10	5.64	3.82	4.55	3.55	4.46	3.64	4.55	3.82	5.37	4.91	6.10	7.74	6.65
115.0	7.56	5.46	5.73	4.19	4.73	3.91	4.64	3.91	4.73	4.09	5.55	5.28	6.46	8.01	6.83
120.0	7.74	5.73	5.83	4.46	4.82	4.19	4.82	4.28	4.82	4.37	5.55	5.55	6.83	8.10	7.10
125.0	7.83	6.10	5.92	4.73	5.01	4.37	5.01	4.46	5.01	4.64	5.64	5.73	7.01	8.29	7.56
130.0	7.83	6.28	6.10	5.01	5.10	4.64	5.10	4.64	5.10	4.91	5.83	6.01	7.19	8.38	7.83
135.0	7.74	6.46	6.28	5.28	5.28	4.91	5.19	4.91	5.28	5.19	5.92	6.10	7.19	8.10	8.01
140.0	7.56	6.65	6.28	5.55	5.46	5.10	5.37	5.19	5.46	5.37	6.10	6.28	7.28	7.83	8.01
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

Test System:LSG-1600
Temperature:25.3DEG
Operators:REGAIP DASTAN
Test Date:02-20-2017

Test Set: 2.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.545 m
Remarks: WH9 MP108 CW 90x120D 32W 220V AC I1

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number: 0001345

MANUFACTURER: FIBERLI				Address:PSL ELEKTRONIK ANTALYA			
NAME: WH9 MP108 CW 90x120D 32W 220V AC IP66				TYPE:WALL WASHER		WEIGHT:5.3	
SPECIFICATION:WALL WASHER				DIMENSION: 475x310x70mm		SERIAL No.:	

UNIT: cd

C (DEG) γ (DEG)	225	240	255	270	285	300	315	330	345
0.0	991	989	990	989	994	994	997	997	1000
5.0	924	906	900	895	903	911	928	946	972
10.0	850	821	806	799	810	824	853	888	937
15.0	777	741	726	720	730	746	779	827	898
20.0	713	677	667	663	671	684	714	769	861
25.0	659	629	627	626	632	636	661	714	825
30.0	615	595	601	603	606	605	618	669	792
35.0	580	566	590	594	599	581	584	629	768
40.0	548	538	570	587	586	561	552	599	750
45.0	520	505	530	536	540	523	524	571	737
50.0	492	474	493	509	510	489	495	546	719
55.0	455	429	448	462	465	448	461	512	690
60.0	390	348	348	358	377	375	406	463	643
65.0	282	220	202	191	231	251	310	383	569
70.0	139	102	96.0	102	121	121	176	252	431
75.0	48.1	38.5	47.5	46.3	57.9	47.9	72.2	97.9	255
80.0	19.5	15.8	19.1	19.1	23.4	21.5	28.9	27.2	79.2
85.0	7.19	4.37	6.74	4.82	8.19	6.46	10.4	8.92	15.7
90.0	5.19	2.73	4.37	2.64	4.55	2.73	5.10	3.82	6.92
95.0	5.55	3.18	4.19	2.82	4.28	2.91	5.10	4.37	6.65
100.0	6.10	3.82	4.37	3.09	4.28	3.37	5.55	5.19	6.92
105.0	6.65	4.64	4.64	3.64	4.55	4.09	6.19	5.92	7.37
110.0	7.10	5.37	5.28	4.19	5.01	4.91	6.74	6.37	7.56
115.0	7.37	6.10	5.83	4.91	5.64	5.73	7.10	6.74	7.83
120.0	7.47	6.55	6.37	5.64	6.19	6.28	7.47	7.01	8.01
125.0	7.56	6.83	6.74	6.19	6.74	6.65	7.65	7.37	8.10
130.0	7.74	7.01	7.10	6.65	7.01	7.01	7.74	7.74	8.29
135.0	7.92	7.37	7.28	7.01	7.28	7.28	7.92	8.01	8.38
140.0	8.01	7.65	7.65	7.28	7.47	7.56	8.10	8.10	8.19
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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Temperature:25.3DEG
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