

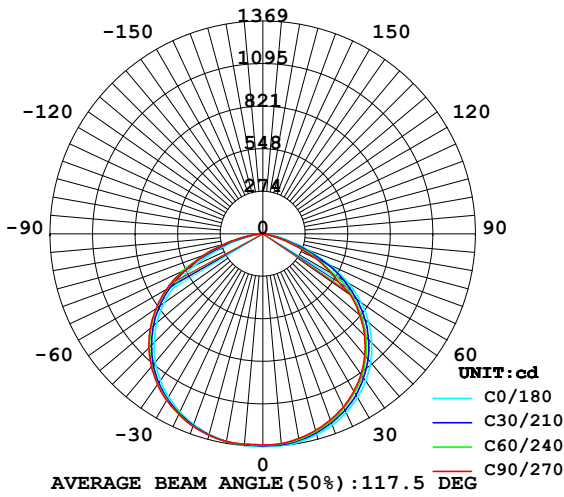
# PHOTOMETRIC TEST REPORT

Report number: 0001344

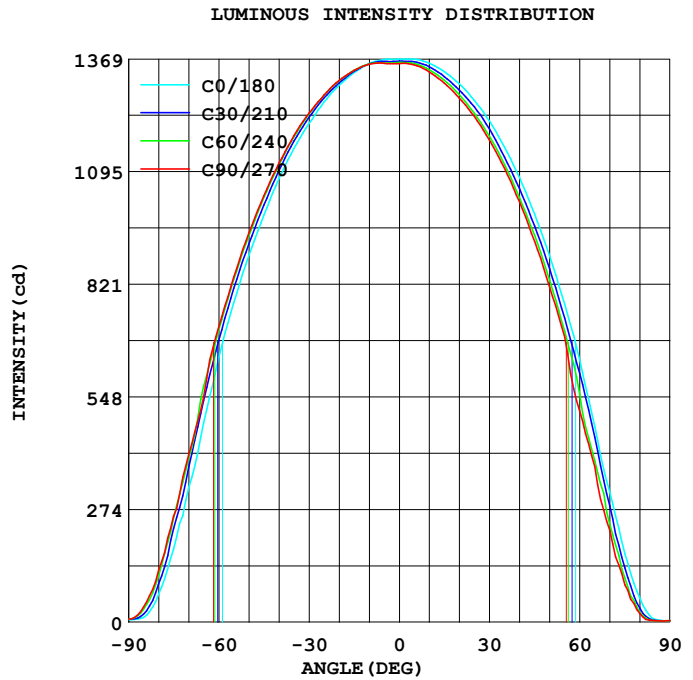
MANUFACTURER: FIBERLI	Address:PSL ELEKTRONIK ANTALYA	
NAME: WH9 MP108 CW 120D 32W 220V AC IP66	TYPE:WALL WASHER	WEIGHT:5.3
SPECIFICATION:WALL WASHER H9	DIMENSION: 475x310x70	SERIAL No.:

TEST DATA:					
MODEL:	WH9	Imax (cd) :	1369	$\eta$ street_up(%) :	0.4
NOMINAL POWER(W) :	32	MAXIMUM(C, $\gamma$ ):	0,0.0	$\eta$ street_down(%) :	53.9
RATED VOLTAGE (V) :	220	TOTAL FLUX(lm) :	3901	$\eta$ house_up(%) :	0.3
NOMINAL FLUX(lm) :	3901.0	EFFICIENCY(%) :	100.0	$\eta$ house_down(%) :	45.4
TEST FLUX(lm:	3901	$\eta$ up(%) :	0.7		
LAMPS QUANTITY:	1	$\eta$ down(%) :	99.3		

INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



Test:U:220.8V I:0.150A P:31.93W PF:0.962

Test System:LSG-1600  
Temperature:24.3DEG  
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 120D 32W 220V AC IP66

ZONAL FLUX DIAGRAM

Report number: 0001344

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	1368	1361	1358	1355	1369	1360	1355	1353	0- 5	32.48	32.48
10.0	1357	1357	1356	1350	1359	1347	1338	1339	5- 10	96.79	129.2
15.0	1336	1340	1341	1333	1338	1322	1310	1314	10- 15	158.5	287.8
20.0	1305	1312	1317	1307	1309	1288	1273	1280	15- 20	215.8	503.6
25.0	1264	1276	1281	1271	1268	1245	1229	1236	20- 25	267.2	770.8
30.0	1212	1230	1237	1225	1218	1191	1172	1181	25- 30	310.6	1082
35.0	1151	1172	1182	1167	1155	1125	1103	1118	30- 35	344.6	1426
40.0	1078	1104	1116	1097	1080	1047	1021	1042	35- 40	367.4	1794
45.0	988.5	1021	1036	1015	991.6	954.4	925.8	949.6	40- 45	377.5	2171
50.0	891.0	926.1	945.5	920.6	890.1	848.9	814.0	843.9	45- 50	373.7	2545
55.0	776.5	816.3	838.8	812.4	773.1	729.6	693.2	723.8	50- 55	355.0	2900
60.0	642.3	692.5	716.8	687.7	636.9	593.1	512.7	591.1	55- 60	318.2	3218
65.0	484.3	551.5	546.5	547.3	475.8	429.7	377.5	433.4	60- 65	264.2	3483
70.0	325.8	396.3	405.8	391.5	315.2	269.8	222.7	266.8	65- 70	193.2	3676
75.0	177.2	221.6	257.0	218.5	165.9	128.3	90.92	128.0	70- 75	121.3	3797
80.0	67.69	95.38	124.5	92.29	58.30	33.80	20.59	32.61	75- 80	56.69	3854
85.0	11.66	20.04	35.98	17.85	6.650	7.379	3.462	7.652	80- 85	15.98	3870
90.0	5.648	4.008	7.379	3.735	3.188	5.557	3.188	5.466	85- 90	3.656	3874
95.0	5.466	3.279	5.466	3.279	3.462	5.284	3.553	5.284	90- 95	2.411	3876
100.0	5.466	3.735	5.284	3.644	3.917	5.466	4.099	5.375	95-100	2.449	3878
105.0	5.648	4.190	5.375	4.099	4.373	5.648	4.555	5.557	100-105	2.569	3881
110.0	6.013	4.737	5.648	4.646	4.919	5.921	5.101	5.921	105-110	2.708	3884
115.0	6.377	5.193	6.013	5.193	5.466	6.195	5.648	6.286	110-115	2.829	3887
120.0	6.650	5.739	6.286	5.648	5.921	6.559	6.195	6.559	115-120	2.922	3889
125.0	7.015	6.195	6.741	6.104	6.468	6.833	6.650	6.833	120-125	2.966	3892
130.0	7.379	6.650	7.106	6.559	6.924	7.197	7.015	7.197	125-130	2.959	3895
135.0	7.652	7.015	7.379	6.924	7.288	7.470	7.379	7.470	130-135	2.895	3898
140.0	7.926	7.470	7.652	7.379	7.652	7.652	7.744	7.652	135-140	2.774	3901
145.0	0	0	0	0	0	0	0	0	140-145	0	3901
150.0	0	0	0	0	0	0	0	0	145-150	0	3901
155.0	0	0	0	0	0	0	0	0	150-155	0	3901
160.0	0	0	0	0	0	0	0	0	155-160	0	3901
165.0	0	0	0	0	0	0	0	0	160-165	0	3901
170.0	0	0	0	0	0	0	0	0	165-170	0	3901
175.0	0	0	0	0	0	0	0	0	170-175	0	3901
180.0	0	0	0	0	0	0	0	0	175-180	0	3901
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

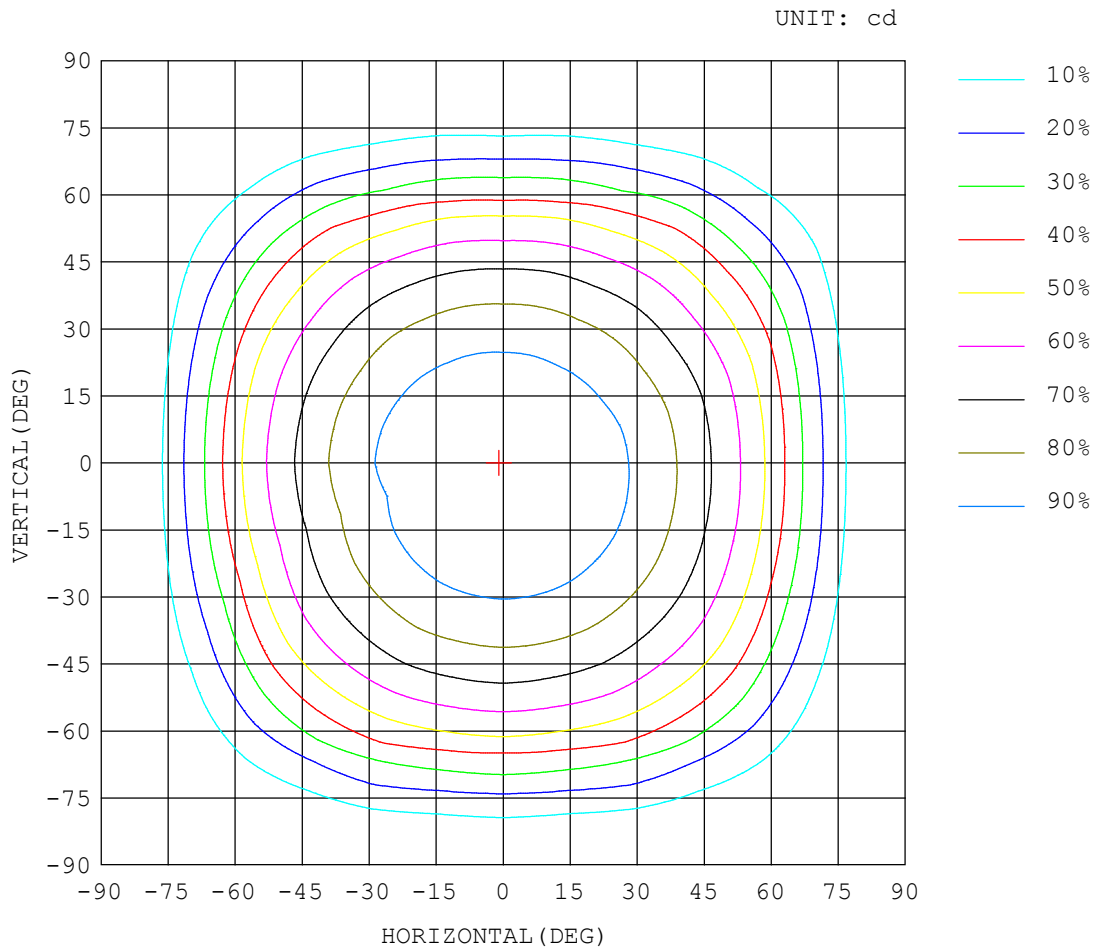
Test System:LSG-1600  
 Temperature:24.3DEG  
 Operators:REGAIP DASTAN  
 Test Date:02-20-2017

Test Set: 2.0deg/s C-Gamma (TYPE C)  
 Humidity:50.0%  
 Test Distance:9.545 m  
 Remarks: WH9 MP108 CW 120D 32W 220V AC IP66

ISOCANDELA DIAGRAM

Report number: 0001344

MANUFACTURER: FIBERLI	Address:PSL ELEKTRONIK ANTALYA	
NAME: WH9 MP108 CW 120D 32W 220V AC IP66	TYPE:WALL WASHER	WEIGHT:5.3
SPECIFICATION:WALL WASHER H9	DIMENSION: 475x310x70	SERIAL No.:



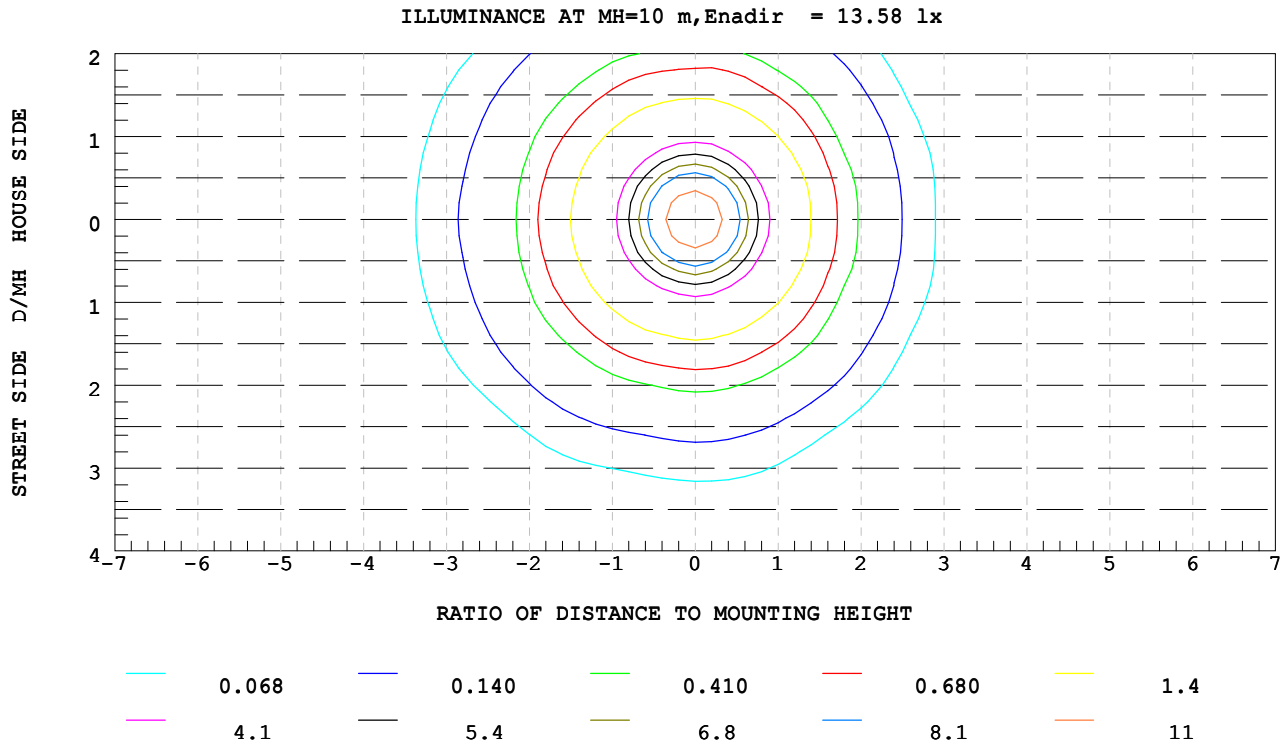
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# ISOLUX DIAGRAM

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SPECIFICATION:WALL WASHER H9	DIMENSION: 475x310x70	SERIAL No.:



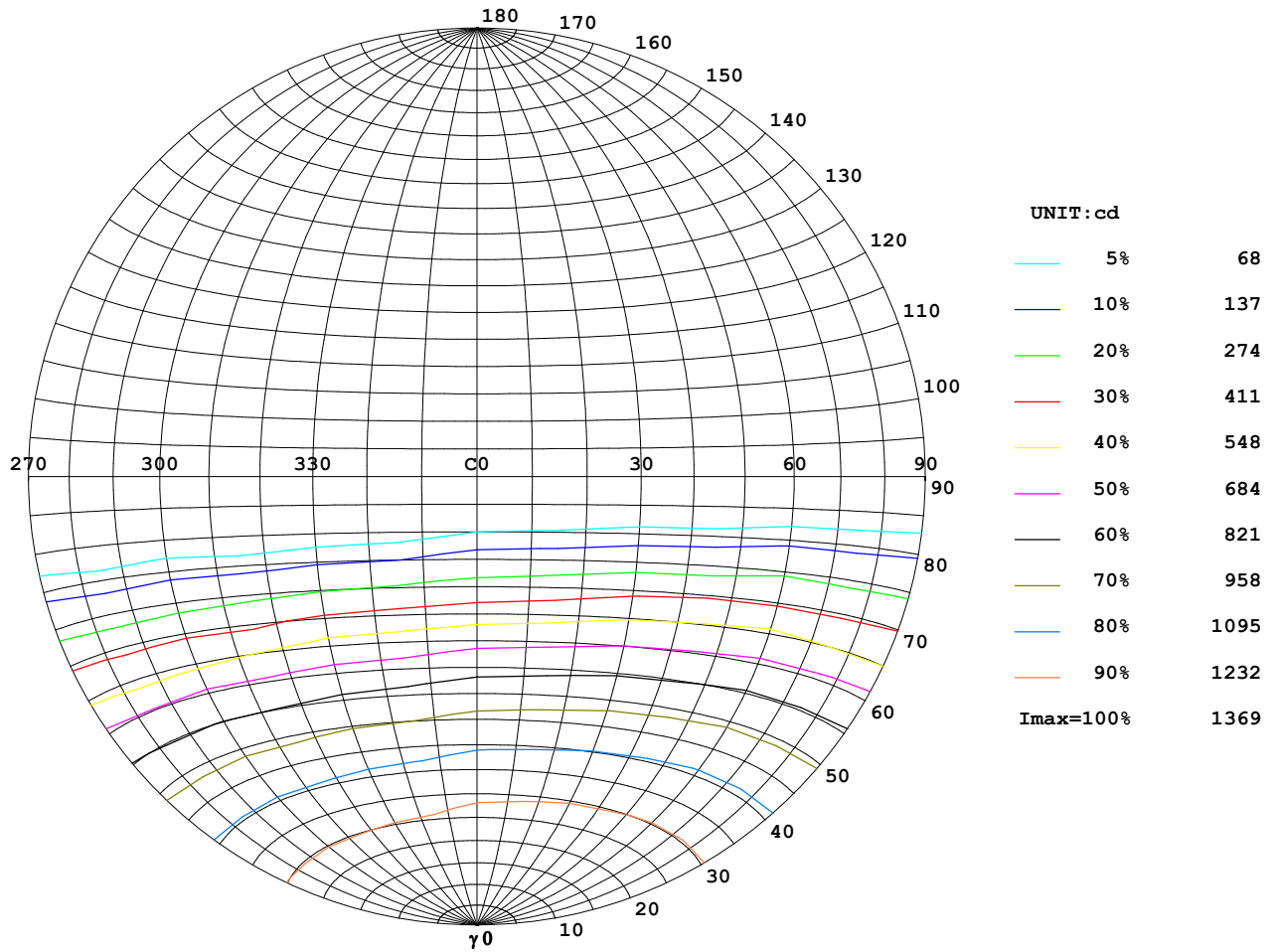
Test System:LSG-1600  
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 Operators:REGAIP DASTAN  
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SPECIFICATION:WALL WASHER H9	DIMENSION: 475x310x70	SERIAL No.:



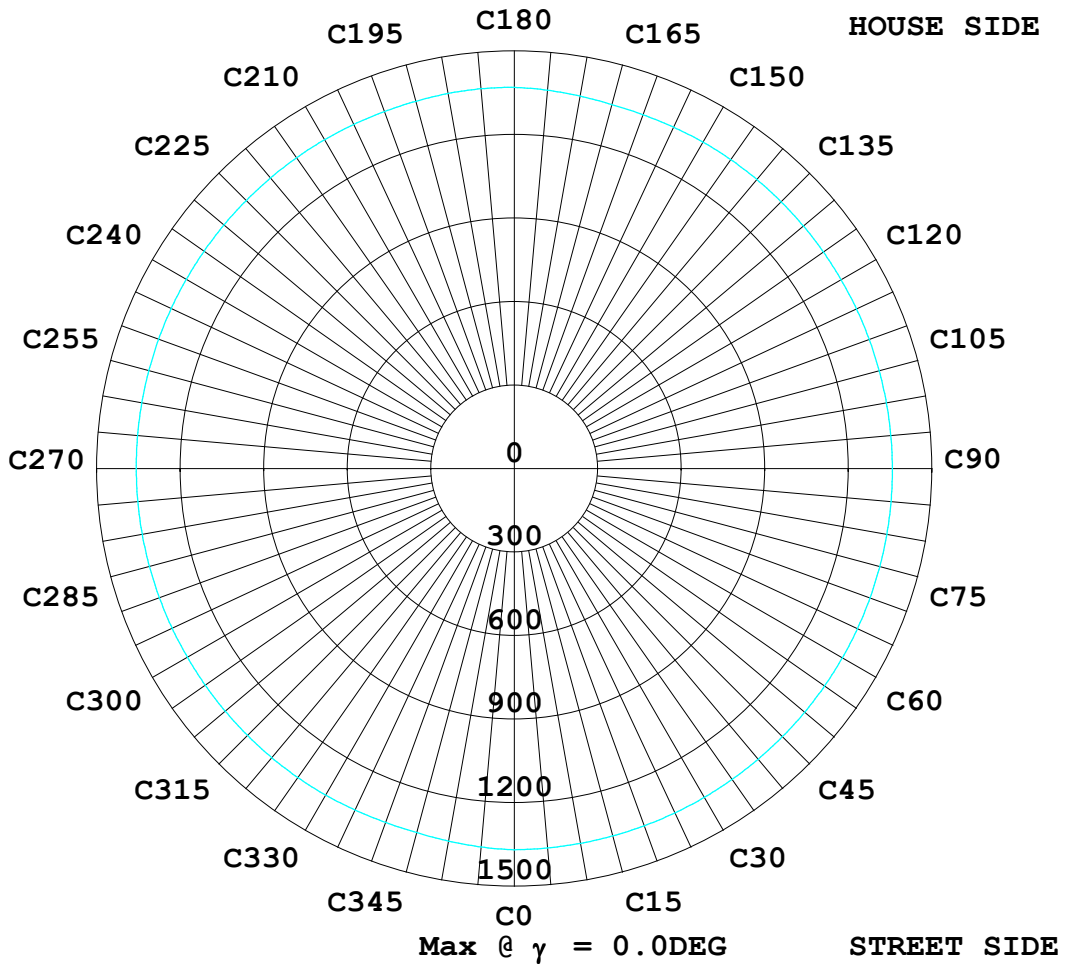
Test System:LSG-1600  
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 Operators:REGAIP DASTAN  
 Test Date:02-20-2017

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SPECIFICATION:WALL WASHER H9	DIMENSION: 475x310x70	SERIAL No.:



Test System:LSG-1600  
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 Remarks: WH9 MP108 CW 120D 32W 220V AC IP66

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number: 0001344

MANUFACTURER: FIBERLI	Address:PSL ELEKTRONIK ANTALYA	
NAME: WH9 MP108 CW 120D 32W 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	1369	1366	1364	1362	1361	1359	1358	1357	1356	1355	1355	1354	1369	1366	1364
5.0	1368	1365	1363	1361	1359	1358	1358	1357	1356	1355	1354	1352	1369	1365	1362
10.0	1357	1357	1357	1357	1357	1356	1356	1354	1353	1350	1346	1341	1359	1354	1350
15.0	1336	1336	1339	1340	1342	1341	1341	1339	1337	1333	1329	1320	1338	1333	1326
20.0	1305	1307	1311	1312	1316	1316	1317	1314	1312	1307	1302	1290	1309	1303	1293
25.0	1264	1268	1274	1276	1281	1281	1281	1279	1278	1271	1265	1251	1268	1263	1252
30.0	1212	1219	1227	1230	1235	1236	1237	1235	1232	1225	1216	1201	1218	1210	1199
35.0	1151	1160	1169	1172	1179	1181	1182	1179	1176	1167	1156	1137	1155	1145	1130
40.0	1078	1085	1098	1104	1112	1113	1116	1110	1110	1097	1086	1064	1080	1070	1054
45.0	989	999	1014	1021	1032	1032	1036	1032	1031	1015	1004	977	992	981	963
50.0	891	902	918	926	938	938	946	938	937	921	906	875	890	878	859
55.0	777	790	811	816	833	832	839	832	830	812	796	762	773	762	739
60.0	642	658	685	693	710	708	717	710	709	688	671	627	637	631	604
65.0	484	499	539	552	573	547	547	550	575	547	520	469	476	470	449
70.0	326	336	375	396	397	393	406	394	398	392	360	313	315	307	282
75.0	177	192	227	222	253	244	257	243	252	219	214	166	166	161	132
80.0	67.6	73.7	92.3	95.3	112	113	125	114	112	92.2	82.3	57.9	58.3	54.2	33.8
85.0	11.6	11.6	18.7	20.0	30.5	28.7	35.9	28.4	30.2	17.8	16.0	6.92	6.65	8.47	4.55
90.0	5.64	3.18	6.46	4.00	7.28	4.37	7.37	4.19	7.10	3.73	6.01	3.09	3.18	5.55	3.18
95.0	5.46	3.37	5.37	3.27	5.46	3.18	5.46	3.18	5.37	3.27	5.37	3.37	3.46	5.37	3.55
100.0	5.46	3.82	5.37	3.73	5.37	3.64	5.28	3.55	5.28	3.64	5.28	3.82	3.91	5.37	3.91
105.0	5.64	4.37	5.55	4.19	5.46	4.09	5.37	4.09	5.37	4.09	5.55	4.37	4.37	5.64	4.37
110.0	6.01	4.82	5.83	4.73	5.64	4.55	5.64	4.55	5.64	4.64	5.73	4.82	4.91	5.92	4.91
115.0	6.37	5.37	6.10	5.19	6.01	5.10	6.01	5.10	5.92	5.19	6.10	5.37	5.46	6.19	5.37
120.0	6.65	5.92	6.46	5.73	6.37	5.64	6.28	5.64	6.28	5.64	6.37	5.92	5.92	6.55	5.92
125.0	7.01	6.37	6.83	6.19	6.74	6.10	6.74	6.19	6.65	6.10	6.74	6.28	6.46	6.83	6.37
130.0	7.37	6.83	7.19	6.65	7.01	6.55	7.10	6.55	7.01	6.55	7.01	6.65	6.92	7.19	6.74
135.0	7.65	7.28	7.47	7.01	7.37	7.01	7.37	7.01	7.28	6.92	7.28	7.10	7.28	7.37	7.10
140.0	7.92	7.65	7.83	7.47	7.65	7.47	7.65	7.47	7.56	7.37	7.56	7.47	7.65	7.65	7.47
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  
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 Test Date:02-20-2017

Test Set: 2.0deg/s C-Gamma (TYPE C)  
 Humidity:50.0%  
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LUMINOUS DISTRIBUTION INTENSITY DATA

Report number: 0001344

MANUFACTURER: FIBERLI	Address:PSL ELEKTRONIK ANTALYA	
NAME: WH9 MP108 CW 120D 32W 220V AC IP66	TYPE:WALL WASHER	WEIGHT:5.3
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	1362	1361	1359	1358	1357	1356	1355	1355	1354
5.0	1360	1358	1356	1355	1354	1353	1353	1352	1353
10.0	1347	1343	1340	1338	1337	1337	1339	1340	1343
15.0	1322	1317	1314	1310	1310	1311	1314	1317	1323
20.0	1288	1282	1279	1273	1275	1275	1280	1283	1293
25.0	1245	1237	1233	1229	1230	1230	1236	1242	1255
30.0	1191	1181	1177	1172	1174	1173	1181	1189	1204
35.0	1125	1113	1109	1103	1106	1106	1118	1125	1143
40.0	1047	1032	1027	1021	1024	1027	1042	1048	1070
45.0	954	940	933	926	932	932	950	958	984
50.0	849	831	827	814	823	825	844	856	888
55.0	730	707	706	693	703	704	724	738	775
60.0	593	553	528	513	524	552	591	603	646
65.0	430	392	391	378	390	390	433	449	491
70.0	270	237	237	223	235	235	267	283	326
75.0	128	107	104	90.9	104	104	128	134	182
80.0	33.8	23.0	26.7	20.5	26.1	22.5	32.6	36.4	68.6
85.0	7.37	3.73	6.55	3.46	6.55	3.91	7.65	5.10	11.7
90.0	5.55	3.18	5.37	3.18	5.46	3.18	5.46	3.09	5.64
95.0	5.28	3.55	5.28	3.55	5.28	3.55	5.28	3.46	5.28
100.0	5.46	4.00	5.46	4.09	5.46	4.00	5.37	3.91	5.37
105.0	5.64	4.55	5.64	4.55	5.64	4.55	5.55	4.37	5.46
110.0	5.92	5.01	6.01	5.10	6.01	5.10	5.92	4.91	5.73
115.0	6.19	5.55	6.37	5.64	6.37	5.55	6.28	5.37	6.10
120.0	6.55	6.01	6.65	6.19	6.65	6.01	6.55	5.83	6.37
125.0	6.83	6.46	7.01	6.65	7.01	6.46	6.83	6.28	6.74
130.0	7.19	6.83	7.37	7.01	7.37	6.83	7.19	6.74	7.10
135.0	7.47	7.19	7.65	7.37	7.56	7.19	7.47	7.10	7.37
140.0	7.65	7.56	7.92	7.74	7.74	7.47	7.65	7.47	7.74
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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