

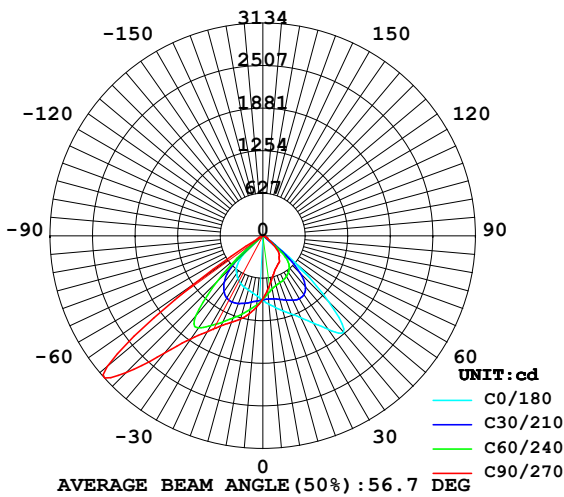
STREETLIGHT PHOTOMETRIC TEST REPORT

Report number: 0001607

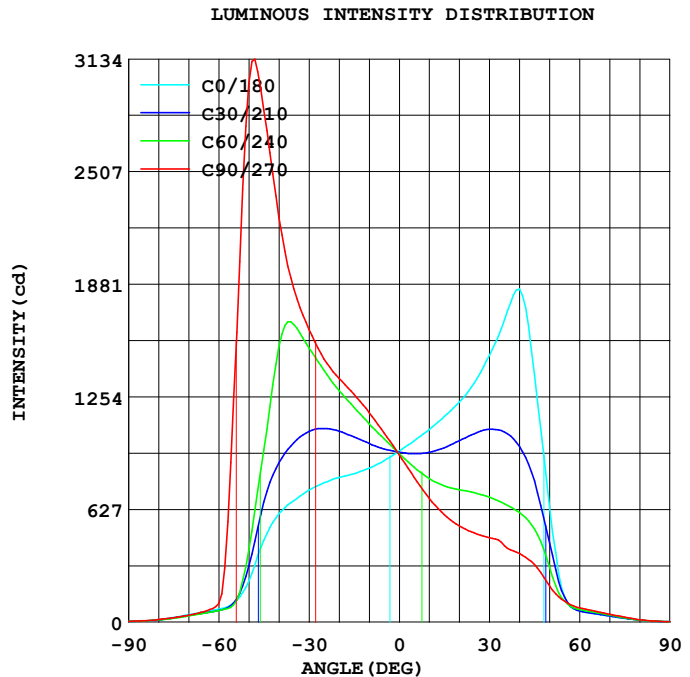
MANUFACTURER: FIBERLI	Address:PSL ELEKTRONIK ANTALYA	
NAME: WS SMALL CW ASM 25W 220V IP66	TYPE:WALL WASHER	WEIGHT:
SPECIFICATION:WALL WASHER	DIMENSION: 210*142*73	SERIAL No.:

TEST DATA:					
MODEL:	WS S	Imax (cd) :	3656	η street_up(%) :	0.5
NOMINAL POWER(W) :	25	MAXIMUM(C, γ):	150,50.0	η street_down(%) :	40.6
RATED VOLTAGE (V) :	222	TOTAL FLUX(lm) :	2832	η house_up(%)	0.3
NOMINAL FLUX(lm) :	2831.6	EFFICIENCY(%) :	100.0	η house_down(%) :	58.7
TEST FLUX(lm:	2832	η up(%) :	0.8		
LAMPS QUANTITY:	1	η down(%) :	99.2		

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS



INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS



Test:U:221.1V I:0.117A P:25.26W PF:0.970

Test System:LSG-1600
Temperature:24.3DEG
Operators:REGAIP DASTAN
Test Date:10-24-2017

Test Set: 2.0deg/s C-Gamma (TYPE C)
Humidity:55.0%
Test Distance:9.545 m
Remarks: WS SMALL CW ASM 25W 220V IP66

ZONAL FLUX DIAGRAM

Report number: 0001607

MANUFACTURER: FIBERLI	Address:PSL ELEKTRONIK ANTALYA	
NAME: WS SMALL CW ASM 25W 220V IP66	TYPE:WALL WASHER	WEIGHT:
SPECIFICATION:WALL WASHER	DIMENSION: 210*142*73	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total
5.0	898.4	995.7	1053	1052	1009	898.4	804.8	798.9	0- 5	22.39	22.39
10.0	857.0	1056	1166	1159	1072	870.5	689.1	676.3	5- 10	67.16	89.56
15.0	826.2	1124	1267	1244	1144	863.0	598.3	576.9	10- 15	112.5	202.0
20.0	804.5	1193	1357	1319	1226	868.9	535.1	508.7	15- 20	159.1	361.2
25.0	775.3	1259	1465	1399	1331	872.9	495.8	462.7	20- 25	208.1	569.4
30.0	734.4	1299	1629	1485	1485	859.9	470.0	420.0	25- 30	260.9	830.3
35.0	676.9	1296	1854	1593	1683	817.8	424.9	365.5	30- 35	314.8	1145
40.0	603.2	1130	2254	1910	1854	757.7	381.5	318.5	35- 40	374.9	1520
45.0	455.8	747.2	2849	2646	1371	652.5	319.9	261.6	40- 45	426.9	1947
50.0	227.1	324.3	2994	2356	635.0	380.4	200.8	182.5	45- 50	418.0	2365
55.0	106.6	97.66	1254	1046	138.3	142.0	116.2	117.9	50- 55	263.1	2628
60.0	72.43	56.30	102.5	176.2	63.77	73.70	79.26	106.5	55- 60	87.42	2716
65.0	56.94	43.00	58.39	66.23	47.10	58.85	60.67	89.19	60- 65	35.25	2751
70.0	41.18	30.70	38.44	40.26	33.43	41.90	43.73	55.48	65- 70	25.38	2776
75.0	25.14	19.22	24.14	25.96	20.22	27.14	27.42	32.70	70- 75	16.58	2793
80.0	13.21	9.839	14.30	14.57	10.93	14.48	13.30	16.76	75- 80	9.783	2803
85.0	6.741	4.555	7.288	5.101	4.828	6.650	5.739	7.652	80- 85	4.590	2807
90.0	3.917	2.459	4.373	2.642	2.733	4.099	2.550	4.008	85- 90	2.383	2810
95.0	3.644	2.550	4.008	2.642	2.550	3.735	2.642	3.735	90- 95	1.761	2812
100.0	3.553	2.550	3.826	2.733	2.642	3.644	2.824	3.826	95-100	1.727	2813
105.0	3.735	2.733	3.735	2.733	2.824	3.553	3.644	4.464	100-105	1.767	2815
110.0	4.373	3.097	3.735	2.915	3.006	3.644	4.828	5.648	105-110	1.920	2817
115.0	5.466	3.462	3.826	3.097	3.279	4.008	6.104	7.106	110-115	2.147	2819
120.0	6.559	4.008	3.917	3.279	3.553	4.646	7.288	8.290	115-120	2.379	2821
125.0	7.379	4.464	4.099	3.462	4.008	5.284	7.926	9.110	120-125	2.540	2824
130.0	8.017	5.101	4.282	3.735	4.464	6.013	8.017	9.566	125-130	2.595	2827
135.0	8.472	5.466	4.464	4.099	4.828	6.650	8.290	9.657	130-135	2.558	2829
140.0	8.564	5.921	4.737	4.373	5.193	7.015	9.110	9.930	135-140	2.464	2832
145.0	0	0	0	0	0	0	0	0	140-145	0	2832
150.0	0	0	0	0	0	0	0	0	145-150	0	2832
155.0	0	0	0	0	0	0	0	0	150-155	0	2832
160.0	0	0	0	0	0	0	0	0	155-160	0	2832
165.0	0	0	0	0	0	0	0	0	160-165	0	2832
170.0	0	0	0	0	0	0	0	0	165-170	0	2832
175.0	0	0	0	0	0	0	0	0	170-175	0	2832
180.0	0	0	0	0	0	0	0	0	175-180	0	2832
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

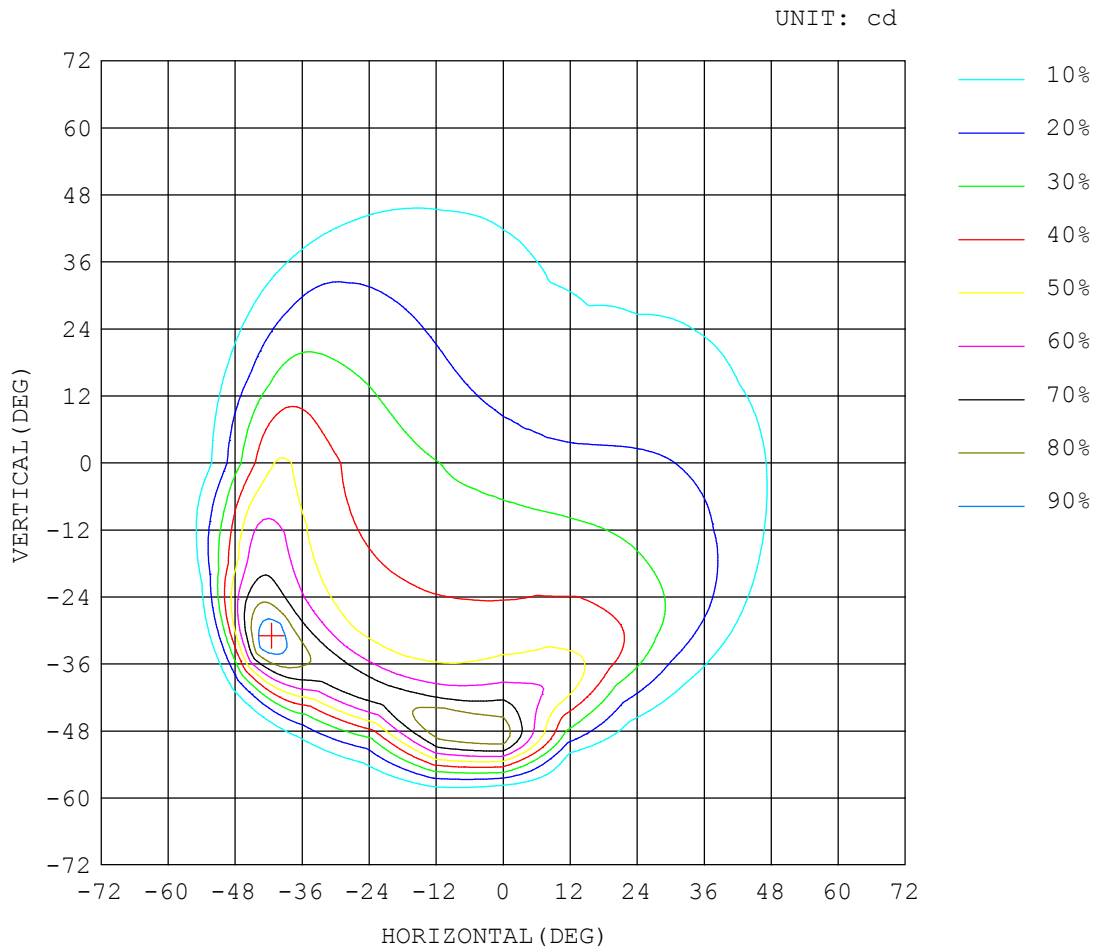
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Temperature:24.3DEG
Operators:REGAIP DASTAN
Test Date:10-24-2017

Test Set: 2.0deg/s C-Gamma (TYPE C)
Humidity:55.0%
Test Distance:9.545 m
Remarks: WS SMALL CW ASM 25W 220V IP66

ISOCANDELA DIAGRAM

Report number: 0001607

MANUFACTURER: FIBERLI	Address:PSL ELEKTRONIK ANTALYA	
NAME: WS SMALL CW ASM 25W 220V IP66	TYPE:WALL WASHER	WEIGHT:
SPECIFICATION:WALL WASHER	DIMENSION: 210*142*73	SERIAL No.:



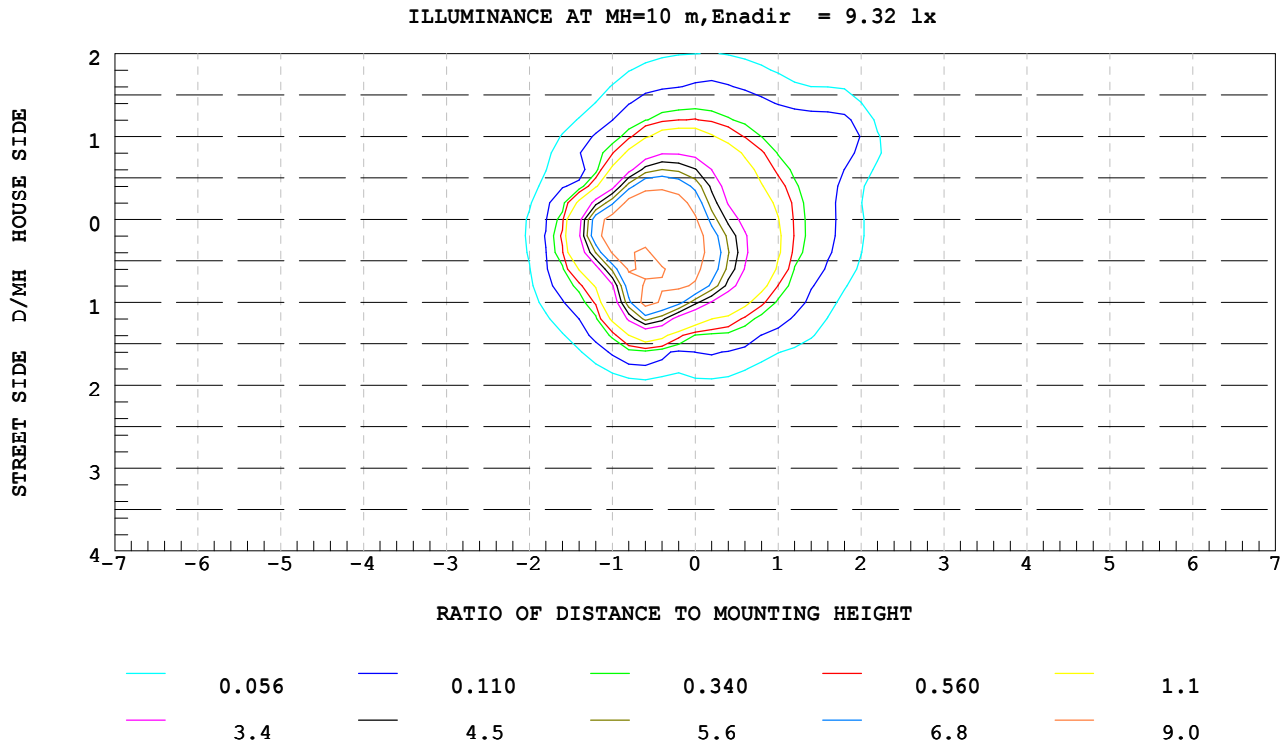
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 Operators:REGAIP DASTAN
 Test Date:10-24-2017

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ISOLUX DIAGRAM

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SPECIFICATION:WALL WASHER	DIMENSION: 210*142*73	SERIAL No.:



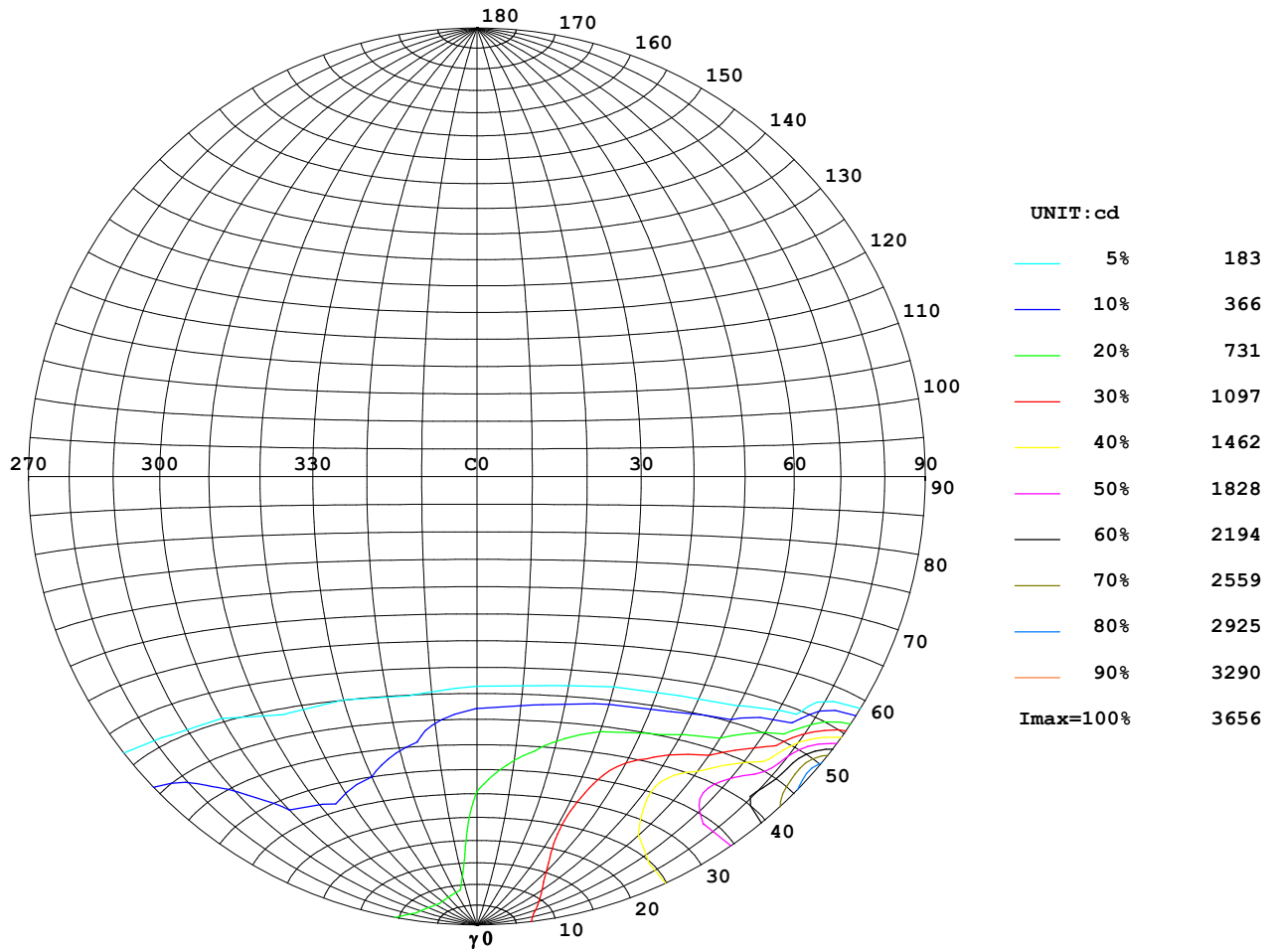
Test System:LSG-1600
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Operators:REGAIP DASTAN
Test Date:10-24-2017

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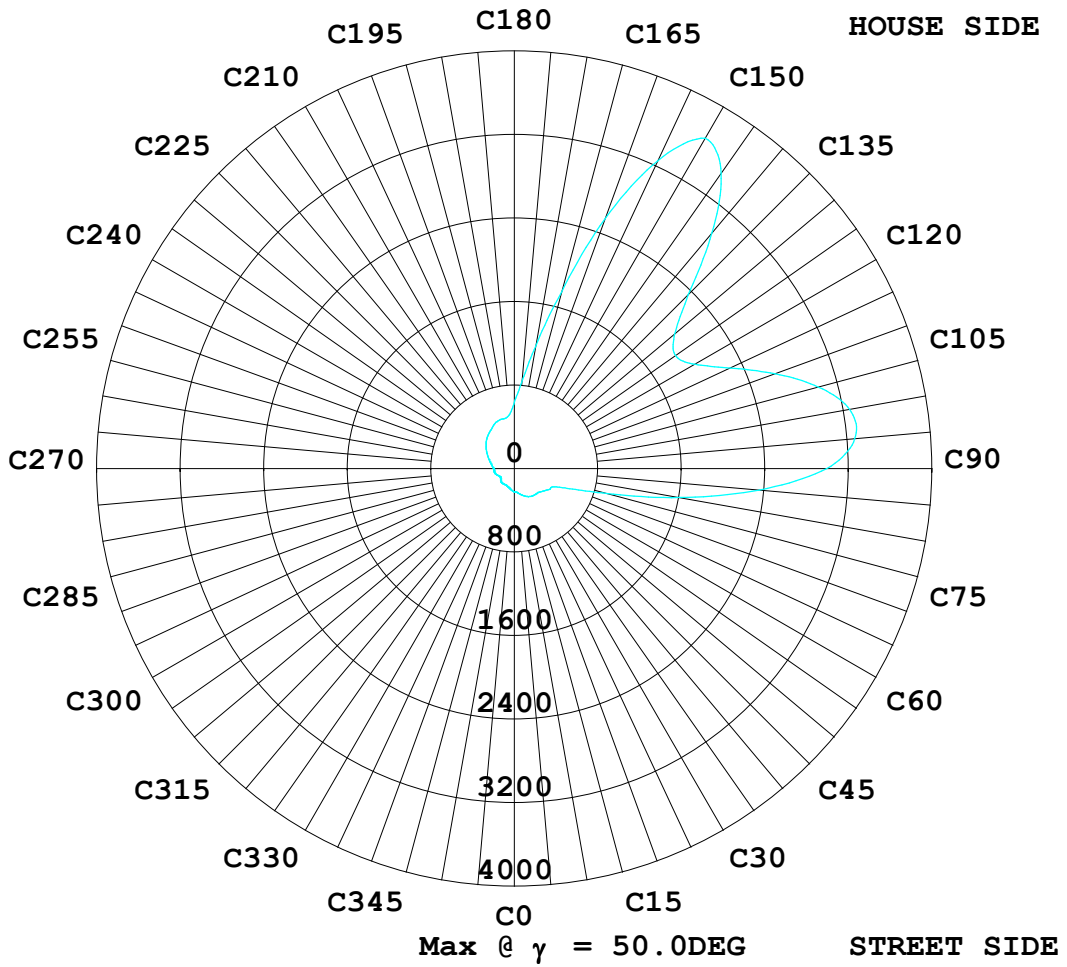
Test System: LSG-1600
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Test Set: 2.0 deg/s C-Gamma (TYPE C)
 Humidity: 55.0%
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ISOCANDELA DIAGRAM

Report number: 0001607

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NAME: WS SMALL CW ASM 25W 220V IP66	TYPE:WALL WASHER	WEIGHT:
SPECIFICATION:WALL WASHER	DIMENSION: 210*142*73	SERIAL No.:



Test System:LSG-1600
 Temperature:24.3DEG
 Operators:REGAIP DASTAN
 Test Date:10-24-2017

Test Set: 2.0deg/s C-Gamma (TYPE C)
 Humidity:55.0%
 Test Distance:9.545 m
 Remarks: WS SMALL CW ASM 25W 220V IP66

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number: 0001607

MANUFACTURER: FIBERLI	Address:PSL ELEKTRONIK ANTALYA	
NAME: WS SMALL CW ASM 25W 220V IP66	TYPE:WALL WASHER	WEIGHT:
SPECIFICATION:WALL WASHER	DIMENSION: 210*142*73	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	952	947	945	943	938	938	932	934	927	930	925	928	952	947	945
5.0	898	929	964	996	1021	1044	1053	1062	1056	1052	1032	1014	1009	973	937
10.0	857	925	994	1056	1104	1146	1166	1179	1171	1159	1130	1099	1072	1010	945
15.0	826	928	1032	1124	1195	1248	1267	1274	1260	1244	1215	1178	1144	1063	971
20.0	805	928	1063	1193	1289	1345	1357	1356	1339	1319	1292	1260	1226	1129	1010
25.0	775	912	1078	1259	1401	1471	1465	1449	1419	1399	1379	1354	1331	1214	1049
30.0	734	869	1061	1299	1527	1647	1629	1556	1505	1485	1492	1504	1485	1309	1073
35.0	677	801	999	1296	1657	1889	1854	1716	1622	1593	1644	1721	1683	1391	1058
40.0	603	710	887	1130	1533	2139	2254	2087	1972	1910	1962	2095	1854	1352	977
45.0	456	536	670	747	959	1649	2849	2924	2645	2646	2596	2452	1371	978	785
50.0	227	261	310	324	400	925	2994	3017	2001	2356	3656	1753	635	491	439
55.0	107	103	109	97.6	96.6	127	1254	1484	760	1046	2249	763	138	155	138
60.0	72.4	66.9	64.3	56.3	64.1	63.5	103	199	160	176	302	82.1	63.7	66.3	61.1
65.0	56.9	55.3	50.2	43.0	48.6	46.3	58.3	62.5	71.2	66.2	67.9	52.2	47.1	50.0	46.8
70.0	41.1	35.3	37.1	30.7	34.6	32.5	38.4	38.9	50.2	40.2	43.3	36.3	33.4	36.5	34.8
75.0	25.1	21.8	23.4	19.2	21.5	19.5	24.1	22.7	34.7	25.9	26.6	22.4	20.2	24.2	21.5
80.0	13.2	10.3	12.2	9.83	12.4	10.6	14.3	12.6	19.2	14.5	16.8	12.6	10.9	13.6	10.8
85.0	6.74	4.64	6.28	4.55	6.55	4.82	7.28	5.01	7.37	5.10	7.74	5.28	4.82	6.74	4.46
90.0	3.91	2.45	3.91	2.45	4.00	2.55	4.37	2.64	4.46	2.64	4.73	2.82	2.73	4.19	2.55
95.0	3.64	2.55	3.73	2.55	3.73	2.55	4.00	2.55	4.09	2.64	4.09	2.55	2.55	3.82	2.55
100.0	3.55	2.64	3.55	2.55	3.64	2.64	3.82	2.64	3.91	2.73	3.91	2.55	2.64	3.64	2.64
105.0	3.73	2.82	3.55	2.73	3.55	2.73	3.73	2.73	3.82	2.73	3.73	2.73	2.82	3.55	2.73
110.0	4.37	3.27	3.73	3.09	3.64	2.91	3.73	2.91	3.73	2.91	3.73	2.82	3.00	3.64	2.91
115.0	5.46	4.00	4.09	3.46	3.91	3.18	3.82	3.09	3.73	3.09	3.73	3.09	3.27	3.82	3.27
120.0	6.55	4.91	4.73	4.00	4.19	3.55	3.91	3.27	3.82	3.27	3.91	3.37	3.55	4.09	3.82
125.0	7.37	5.83	5.37	4.46	4.46	3.82	4.09	3.55	3.91	3.46	4.09	3.73	4.00	4.55	4.46
130.0	8.01	6.55	5.92	5.10	4.82	4.19	4.28	3.82	4.09	3.73	4.28	4.00	4.46	5.01	5.10
135.0	8.47	7.10	6.46	5.46	5.10	4.46	4.46	4.09	4.37	4.09	4.46	4.37	4.82	5.37	5.64
140.0	8.56	7.37	6.74	5.92	5.37	4.82	4.73	4.37	4.55	4.37	4.64	4.73	5.19	5.73	6.19
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:24.3DEG
 Operators:REGAIP DASTAN
 Test Date:10-24-2017

Test Set: 2.0deg/s C-Gamma (TYPE C)
 Humidity:55.0%
 Test Distance:9.545 m
 Remarks: WS SMALL CW ASM 25W 220V IP66

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number: 0001607

MANUFACTURER: FIBERLI	Address:PSL ELEKTRONIK ANTALYA	
NAME: WS SMALL CW ASM 25W 220V IP66	TYPE:WALL WASHER	WEIGHT:
SPECIFICATION:WALL WASHER	DIMENSION: 210*142*73	SERIAL No.:

UNIT: cd

C (DEG) γ (DEG)	225	240	255	270	285	300	315	330	345
0.0	943	938	938	932	934	927	930	925	928
5.0	898	861	833	805	795	786	799	812	843
10.0	871	798	740	689	666	655	676	708	766
15.0	863	759	669	598	563	548	577	626	709
20.0	869	737	624	535	491	476	509	568	666
25.0	873	720	595	496	442	427	463	530	635
30.0	860	695	574	470	409	381	420	498	605
35.0	818	659	549	425	353	343	366	427	569
40.0	758	609	508	382	316	296	319	378	457
45.0	653	517	392	320	268	240	262	292	340
50.0	380	304	240	201	192	159	183	180	195
55.0	142	117	124	116	116	138	118	110	108
60.0	73.7	70.1	79.6	79.2	97.1	151	107	78.1	76.5
65.0	58.8	54.3	61.7	60.6	78.8	173	89.1	59.4	59.3
70.0	41.9	39.3	46.6	43.7	54.6	66.1	55.4	41.3	44.3
75.0	27.1	23.5	30.0	27.4	31.0	36.8	32.7	25.0	27.6
80.0	14.4	11.7	15.8	13.3	16.4	15.4	16.7	12.2	13.3
85.0	6.65	5.01	7.19	5.73	7.83	5.83	7.65	5.28	6.74
90.0	4.09	2.64	4.00	2.55	3.91	2.55	4.00	2.55	3.91
95.0	3.73	2.55	3.73	2.64	3.73	2.55	3.73	2.64	3.64
100.0	3.64	2.64	3.55	2.82	3.82	2.91	3.82	2.91	3.64
105.0	3.55	2.73	3.73	3.64	4.46	3.55	4.46	3.91	4.19
110.0	3.64	3.18	4.46	4.82	5.64	5.01	5.64	5.10	5.10
115.0	4.00	3.91	5.55	6.10	6.92	6.65	7.10	6.37	6.19
120.0	4.64	5.01	6.74	7.28	8.01	8.19	8.29	7.47	7.28
125.0	5.28	6.10	7.47	7.92	8.65	9.29	9.11	7.92	7.83
130.0	6.01	6.92	8.01	8.01	9.11	9.93	9.56	8.01	8.01
135.0	6.65	7.56	8.47	8.29	9.20	9.74	9.65	8.29	8.38
140.0	7.01	7.92	8.83	9.11	9.65	10.0	9.93	8.92	8.47
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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