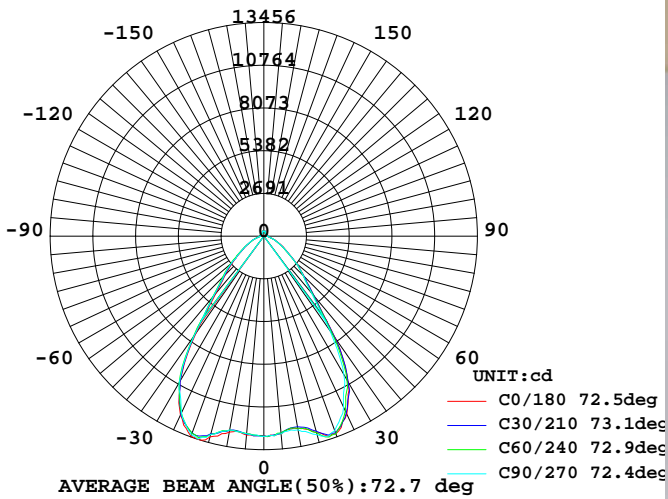


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Kolokol 275x275x84 150W 5000K Dif Poli 70 Ras 80Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4993	DIMENSION: 275x275x84	SERIAL No.:

MODEL:		Imax(cd):	13669	Effective Flux(lm):	22890.8
NOMINAL POWER(W):	152	MAXIMUM(C, γ):	330, 18.0	E EI	0.090
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.0
NOMINAL FLUX(lm):	22890.8	η street_up(%):	3.1	Current(A)	0.703
TEST FLUX(lm):	22890.8	η street_down(%):	47.0	Power(W)	151.1
LAMPS QUANTITY:	1	η house_up(%):	3.1	Power Factor	0.977
TOTAL RADIANT(mw):	22890.8	η house_down(%):	46.9	EFFICIENCY(lm/W)	151.5



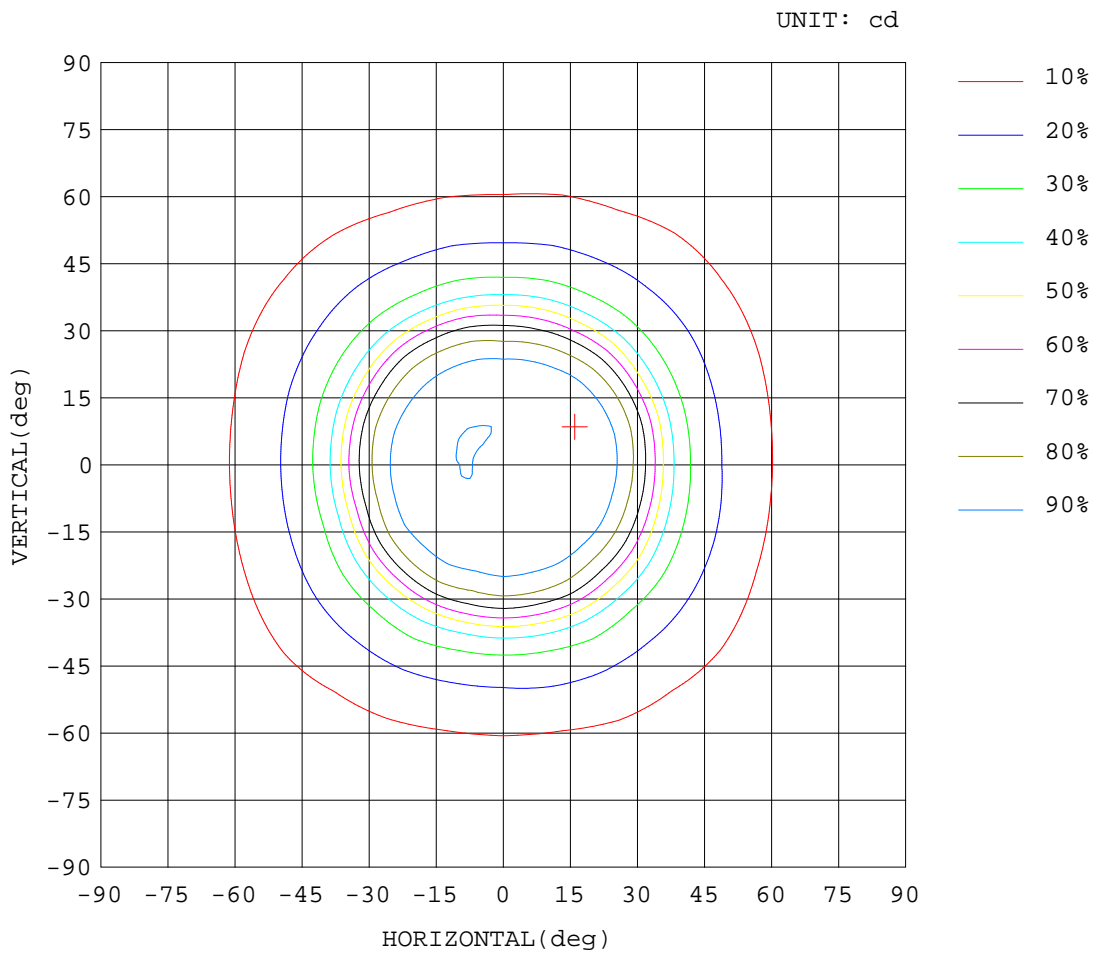
Temperature: 25.3 'C
 Operators:
 Test Date: 22-09-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 82Ra 0.6 Flickering Temp 54.1C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Kolokol 275x275x84 150W 5000K Dif Poli 70 Ras 80Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4993	DIMENSION: 275x275x84	SERIAL No.:



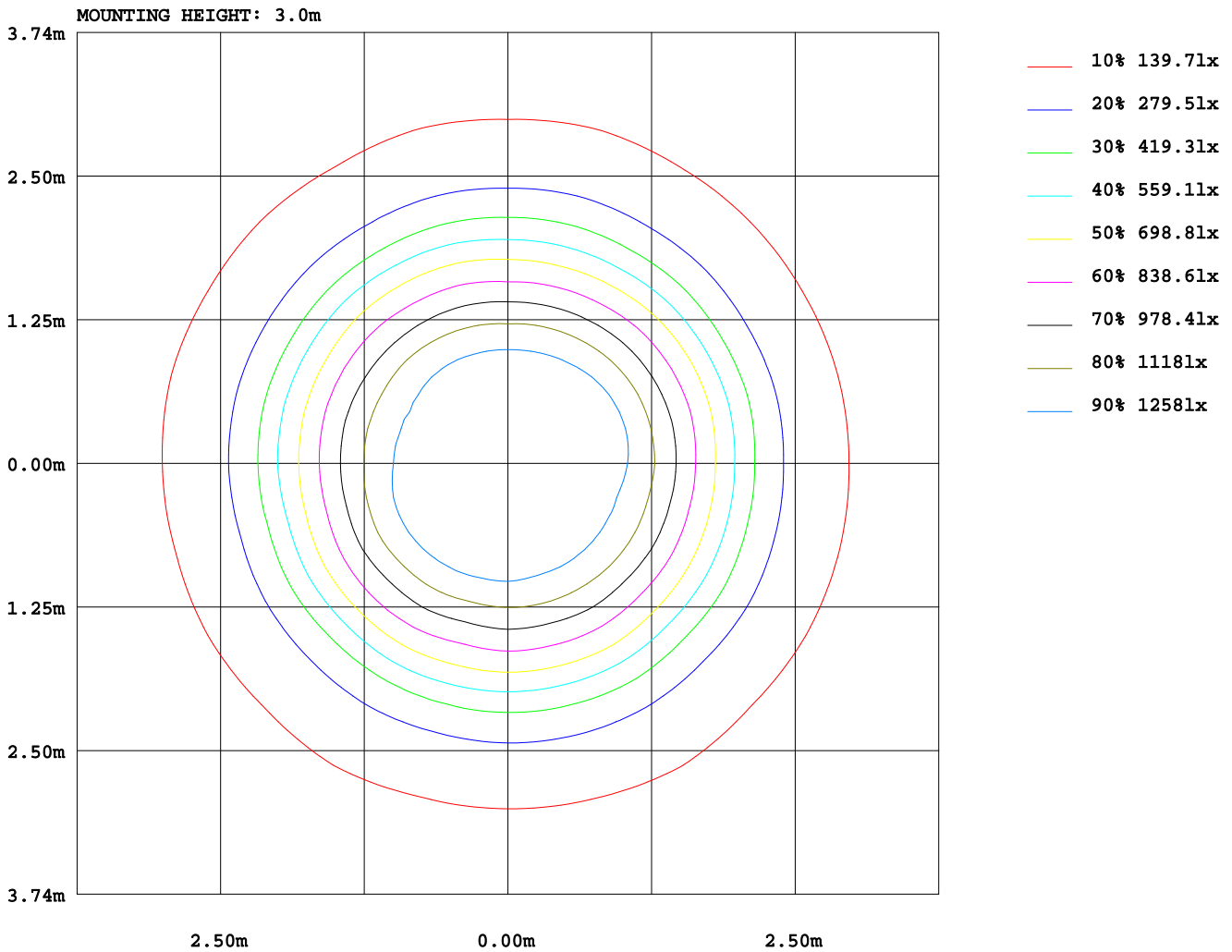
Temperature: 25.3 'C
 Operators:
 Test Date: 22-09-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 82Ra 0.6Flickering Temp 54.1C

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Kolokol 275x275x84 150W 5000K Dif Poli 70 Ras 80Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4993	DIMENSION: 275x275x84	SERIAL No.:



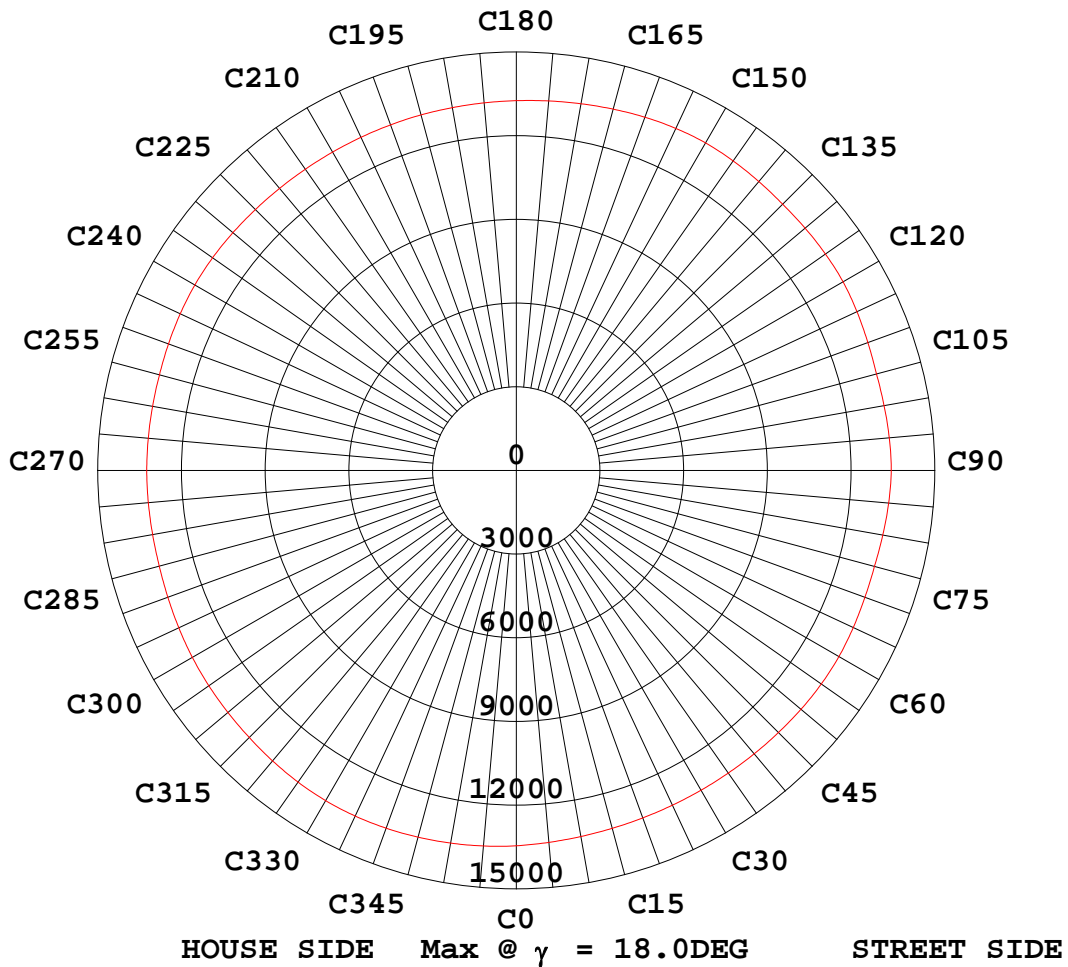
Temperature: 25.3 °C
 Operators:
 Test Date: 22-09-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 82Ra 0.6 Flickering Temp 54.1C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Kolokol 275x275x84 150W 5000K Dif Poli 70 Ras 80Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4993	DIMENSION: 275x275x84	SERIAL No.:



Temperature: 25.3'C
 Operators:
 Test Date: 22-09-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 82Ra 0.6Flickering Temp 54.1C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Kolokol 275x275x84 150W 5000K Dif Poli 70 Ras 80Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4993	DIMENSION: 275x275x84	SERIAL No.:

UNIT: μA10cd

γ (deg)	C(deg)														
	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	1256	1257	1258	1262	1260	1264	1261	1266	1261	1264	1263	1264	1256	1257	1258
5.0	1258	1253	1252	1251	1248	1250	1249	1251	1248	1250	1249	1248	1251	1248	1244
10.0	1253	1254	1241	1242	1241	1244	1240	1247	1242	1236	1239	1229	1230	1219	1220
15.0	1309	1297	1288	1292	1294	1294	1293	1302	1301	1300	1303	1295	1282	1271	1272
20.0	1341	1322	1320	1317	1323	1321	1333	1328	1341	1338	1347	1334	1325	1318	1320
25.0	1244	1236	1239	1228	1231	1222	1228	1209	1236	1235	1245	1237	1237	1237	1228
30.0	1059	1050	1054	1047	1066	1064	1067	1052	1077	1071	1077	1051	1061	1077	1061
35.0	746	748	763	759	776	773	767	762	769	766	776	767	784	790	781
40.0	472	480	491	487	504	500	497	487	501	491	492	479	493	499	494
45.0	343	347	353	350	368	358	357	354	367	354	358	351	357	365	358
50.0	255	256	264	261	277	288	269	266	271	260	267	263	269	273	265
55.0	184	181	188	184	198	189	189	188	190	182	191	188	193	194	188
60.0	138	134	139	135	144	140	142	139	141	136	144	143	146	147	141
65.0	99.2	96.0	99.7	94.9	99.5	98.1	102	97.3	98.8	95.4	102	102	105	106	102
70.0	74.8	71.8	75.7	69.9	73.5	72.7	76.0	71.2	73.3	69.0	74.1	74.1	76.4	76.8	73.3
75.0	49.8	47.0	51.1	46.2	49.0	47.4	48.9	45.2	47.6	44.4	47.7	46.7	49.1	51.4	47.4
80.0	35.0	32.7	35.0	32.6	34.1	33.4	33.7	31.8	33.0	30.7	32.3	32.2	33.7	34.6	32.9
85.0	24.4	22.2	24.4	22.7	24.7	23.1	24.4	22.5	24.6	22.0	23.4	22.8	23.8	25.0	23.2
90.0	20.9	19.8	20.9	20.4	20.9	20.4	20.6	19.9	20.4	19.7	19.9	19.8	20.2	20.8	20.4
95.0	20.3	20.6	22.2	22.4	22.6	21.0	20.6	20.8	21.9	22.0	21.8	20.3	19.8	21.4	22.5
100.0	21.3	22.7	24.3	24.6	24.5	22.7	21.2	23.1	24.7	24.9	24.5	22.6	21.3	23.1	24.9
105.0	21.5	22.3	24.3	24.2	24.8	22.8	22.0	23.0	24.9	24.3	24.5	22.3	21.0	23.6	24.1
110.0	20.1	19.9	22.0	21.2	22.5	20.5	20.9	20.9	22.8	21.4	22.1	19.8	19.6	21.5	20.9
115.0	19.2	18.5	19.6	19.9	19.9	18.8	19.7	19.0	20.2	19.9	19.4	18.1	18.9	19.1	19.5
120.0	19.1	19.6	20.9	22.1	21.1	19.5	19.4	19.5	20.7	21.5	20.5	19.1	19.4	19.5	21.7
125.0	19.9	20.9	23.7	24.6	23.8	20.6	20.2	20.9	23.4	23.9	23.3	20.3	20.3	21.4	24.3
130.0	19.8	21.3	24.7	25.2	24.5	20.7	19.8	21.1	24.3	24.4	23.7	20.0	19.9	21.7	24.7
135.0	19.6	21.0	24.0	24.0	23.9	20.3	19.2	20.7	23.6	23.4	22.6	19.2	19.1	21.1	23.3
140.0	19.4	20.2	21.7	22.1	21.9	19.8	18.9	20.0	21.6	21.7	20.8	19.1	18.7	20.2	21.3
145.0	19.6	20.3	20.5	20.9	20.6	19.9	19.4	20.1	20.6	20.9	20.2	19.6	19.4	20.1	20.9
150.0	20.6	21.2	20.8	21.0	20.5	20.9	20.2	20.9	20.8	21.1	20.5	20.7	20.9	20.8	21.2
155.0	23.7	23.9	22.6	21.7	22.5	23.6	23.0	19.3	22.4	21.8	22.5	23.6	23.6	23.0	19.4
160.0	30.1	29.7	27.3	26.3	27.8	29.6	29.2	28.9	27.1	26.4	27.9	29.7	29.4	28.6	27.4
165.0	34.4	33.1	31.4	31.3	32.6	34.1	33.9	32.5	31.0	31.3	32.7	34.4	34.6	33.9	32.1
170.0	33.5	32.1	31.7	32.2	33.1	34.2	33.9	32.3	32.1	32.5	33.5	34.5	35.0	34.7	33.3
175.0	31.1	29.5	29.4	29.1	29.8	30.5	31.1	29.2	28.9	29.1	30.4	31.0	31.7	31.4	30.1
180.0	30.6	29.7	28.9	28.5	28.4	29.3	30.2	29.5	28.1	28.0	28.7	30.1	30.6	29.7	28.5

Temperature: 25.3 °C
 Operators:
 Test Date: 22-09-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 82Ra 0.6Flickering Temp 54.1C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Kolokol 275x275x84 150W 5000K Dif Poli 70 Ras 80Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4993	DIMENSION: 275x275x84	SERIAL No.:

UNIT: $\mu\text{A}10\text{cd}$

C(deg) \ γ (deg)	225	240	255	270	285	300	315	330	345
0.0	1262	1260	1264	1261	1266	1261	1264	1263	1264
5.0	1245	1245	1248	1251	1252	1256	1249	1253	1257
10.0	1221	1228	1235	1239	1249	1249	1253	1253	1247
15.0	1269	1281	1289	1295	1297	1308	1313	1318	1314
20.0	1325	1326	1312	1305	1313	1326	1340	1352	1350
25.0	1222	1215	1204	1189	1196	1214	1235	1244	1250
30.0	1065	1047	1040	1009	1015	1026	1055	1065	1071
35.0	780	761	745	729	735	734	755	764	768
40.0	487	482	480	470	475	472	474	473	479
45.0	359	349	359	352	358	348	347	343	345
50.0	269	264	273	266	272	263	262	257	258
55.0	189	185	191	187	193	186	190	184	186
60.0	141	137	142	140	147	141	145	140	141
65.0	101	97.9	101	101	105	101	104	101	103
70.0	74.6	73.0	76.2	74.7	78.8	76.9	80.0	76.2	77.6
75.0	50.1	47.5	51.4	49.0	52.8	50.4	53.3	50.2	52.6
80.0	34.4	32.9	34.6	33.7	36.5	35.8	37.4	35.7	36.8
85.0	25.0	23.1	24.5	23.2	25.3	23.8	25.3	23.5	25.5
90.0	21.2	20.4	20.9	20.4	21.3	20.5	21.2	20.2	21.4
95.0	23.1	22.5	22.1	20.5	21.9	22.3	22.5	21.7	21.3
100.0	25.4	24.8	23.4	21.2	22.8	24.3	24.7	23.9	22.7
105.0	25.2	24.4	23.7	21.0	23.3	24.1	25.0	23.5	23.1
110.0	19.1	21.2	21.8	19.8	21.7	21.1	22.6	20.8	21.5
115.0	20.4	19.8	19.3	19.1	19.2	19.4	19.9	19.0	19.0
120.0	21.6	21.9	19.7	19.3	19.2	21.1	20.8	21.0	19.3
125.0	24.8	24.5	21.6	20.2	20.6	23.7	24.1	24.1	21.3
130.0	26.0	25.2	22.1	19.9	21.3	24.6	25.5	24.9	21.9
135.0	24.9	23.9	21.8	19.6	21.1	23.7	24.7	23.5	21.6
140.0	21.4	21.8	20.9	19.6	20.6	21.9	22.0	21.4	20.7
145.0	21.9	21.1	21.1	20.2	20.6	21.1	21.6	20.9	20.7
150.0	21.2	21.4	21.5	21.5	21.3	21.4	21.4	21.4	21.3
155.0	21.7	21.1	23.4	24.2	23.5	19.4	22.2	19.4	23.5
160.0	24.8	26.5	28.6	30.1	29.6	28.4	25.5	27.0	28.7
165.0	30.1	30.8	32.6	34.6	34.5	33.1	31.2	31.6	33.0
170.0	32.3	32.0	32.6	34.3	34.7	33.6	32.9	32.7	33.5
175.0	29.7	29.2	30.1	31.4	31.4	30.2	29.8	29.7	30.8
180.0	28.5	28.4	29.3	30.2	29.5	28.1	28.1	28.5	30.2

Temperature: 25.3 °C
 Operators:
 Test Date: 22-09-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 82Ra 0.6Flickering Temp 54.1C