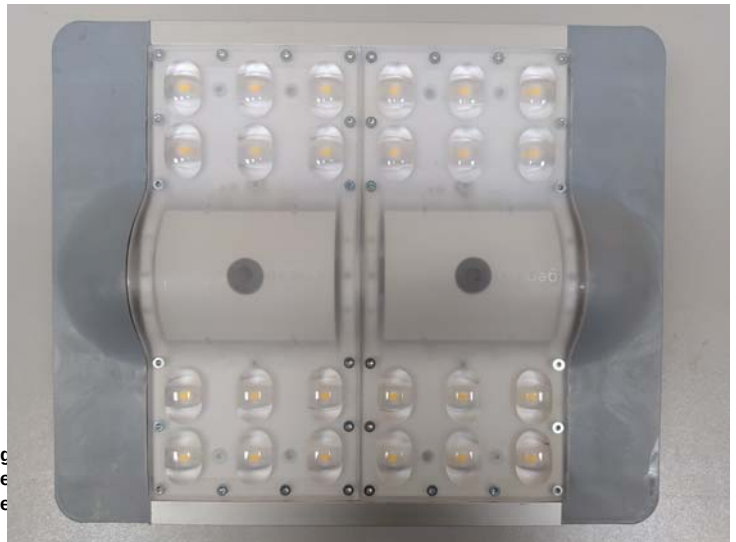
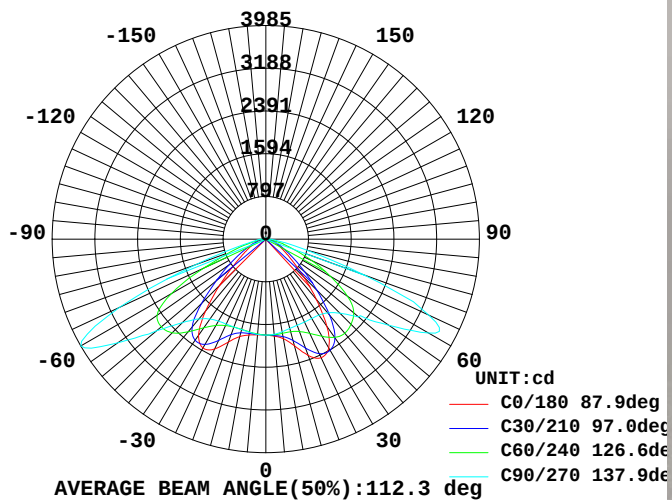


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: NOVA 240x292x46 50W 3000K SH1		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2932	DIMENSION: 240x292x46	SERIAL No.:

MODEL:		Imax(cd):	3985	Effective Flux(lm):	7344.5
NOMINAL POWER(W):	50	MAXIMUM(C, γ):	90, 60.0	EEI	0.091
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm):	7344.5	η street_up(%):	0.7	Current(A)	0.230
TEST FLUX(lm):	7344.5	η street_down(%):	49.2	Power(W)	48.81
LAMPS QUANTITY:	1	η house_up(%)	0.7	Power Factor	0.959
TOTAL RADIANT(mw):	7344.5	η house_down(%)	49.4	EEFICIENCY(lm/W)	150.5



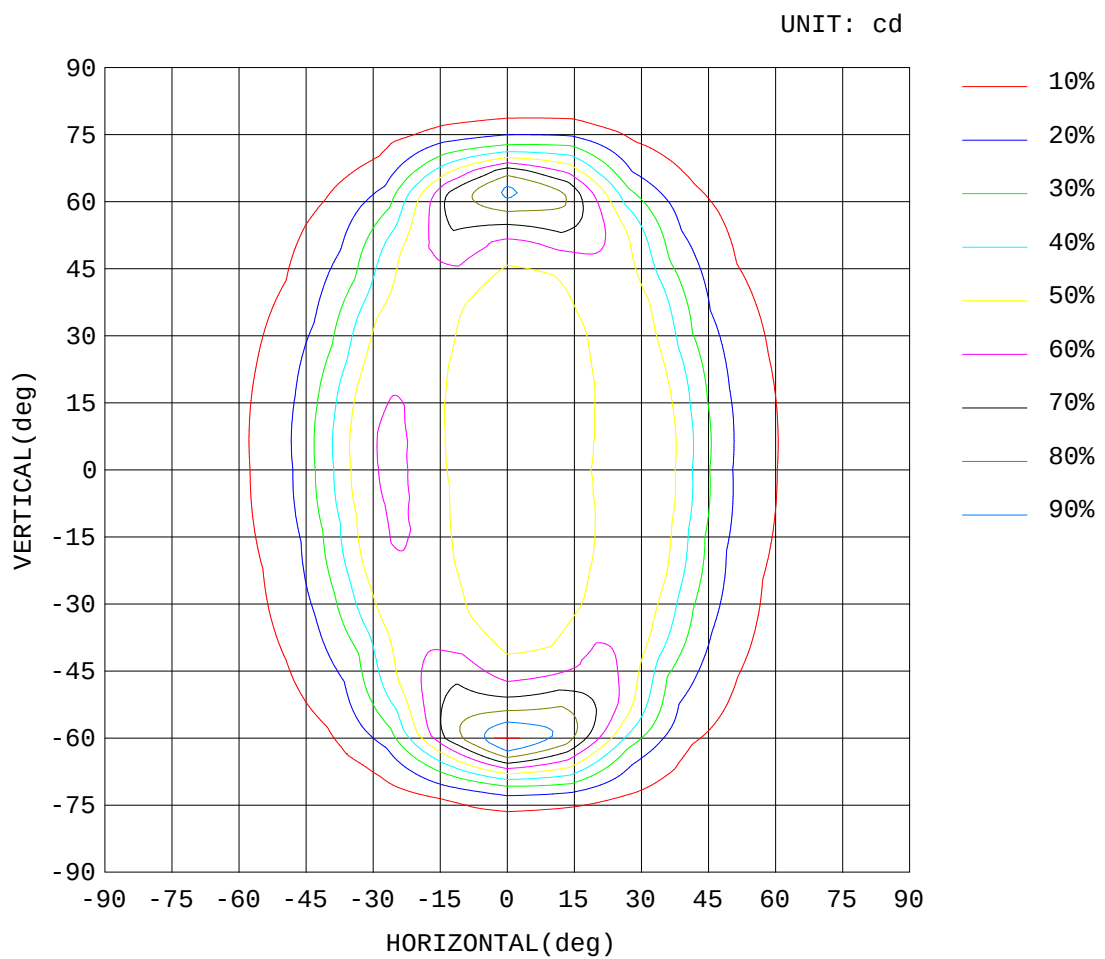
Temperature: 25.3'C
 Operators:
 Test Date: 24-08-2020

Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 71Ra 0.3 Flickering

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: NOVA 240x292x46 50W 3000K SH1		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2932	DIMENSION: 240x292x46	SERIAL No.:



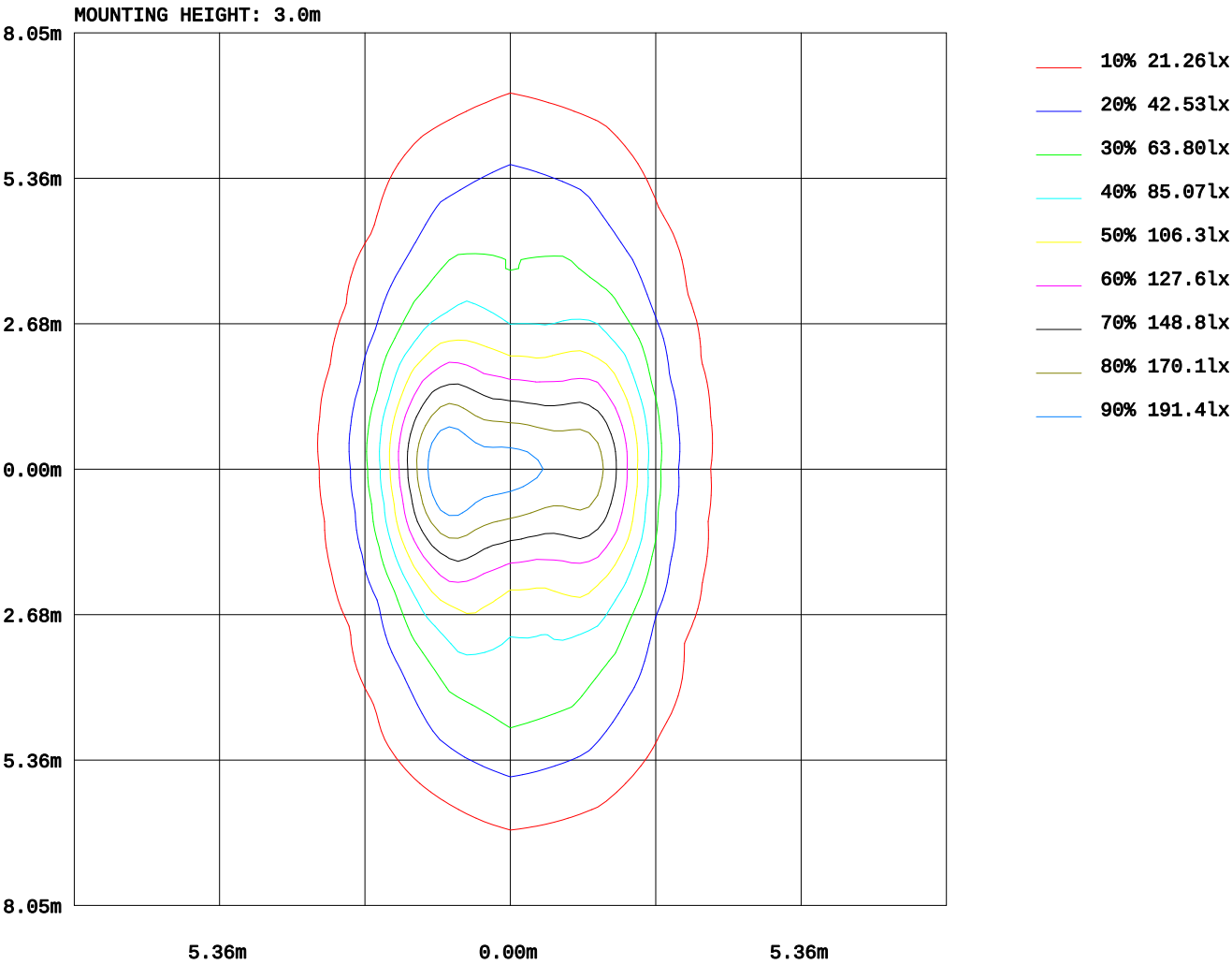
Temperature:25.3'C
Operators:
Test Date:24-08-2020

Humidity:65.0%
Test Distance:10.000 m
Remarks: 71Ra 0.3Flickering

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: NOVA 240x292x46 50W 3000K SH1		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2932	DIMENSION: 240x292x46	SERIAL No.:



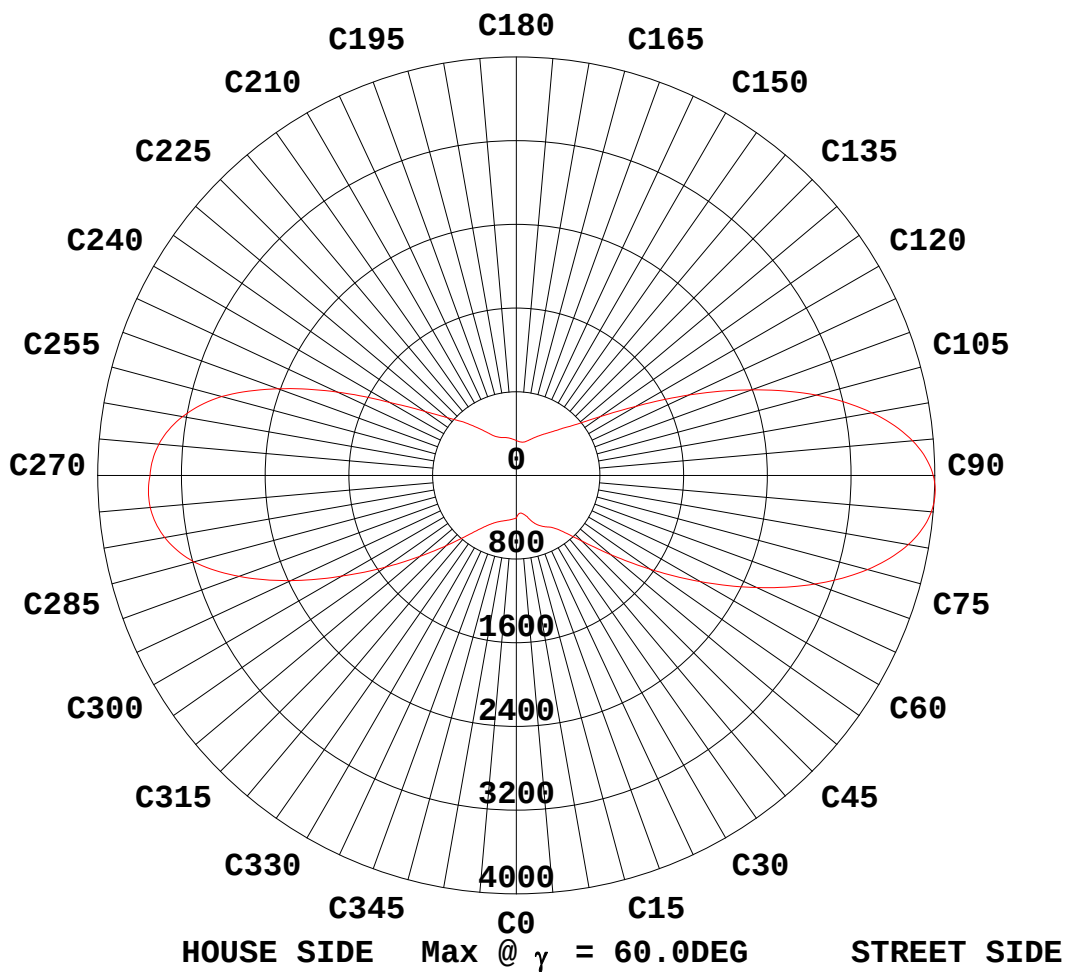
Temperature:25.3'C
Operators:
Test Date:24-08-2020

Humidity:65.0%
Test Distance:10.000 m
Remarks: 71Ra 0.3Flickering

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: NOVA 240x292x46 50W 3000K SH1		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2932	DIMENSION: 240x292x46	SERIAL No.:



Temperature: 25.3'C
 Operators:
 Test Date: 24-08-2020

Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 71Ra 0.3 Flickering

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: NOVA 240x292x46 50W 3000K SH1		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2932	DIMENSION: 240x292x46	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	1791	1789	1789	1790	1790	1791	1791	1792	1790	1790	1789	1788	1791	1789	1789
5.0	1792	1787	1783	1777	1777	1778	1783	1789	1798	1806	1812	1817	1817	1813	1806
10.0	1817	1804	1787	1768	1758	1754	1764	1781	1808	1838	1868	1889	1888	1871	1847
15.0	1884	1855	1810	1767	1744	1735	1749	1781	1834	1912	1997	2061	2057	2025	1955
20.0	2041	1996	1895	1803	1747	1728	1744	1797	1900	2060	2205	2301	2307	2264	2161
25.0	2261	2206	2082	1907	1779	1734	1749	1834	2024	2249	2389	2427	2441	2434	2358
30.0	2346	2319	2268	2092	1861	1759	1768	1905	2192	2371	2399	2338	2348	2394	2396
35.0	2191	2218	2301	2258	2018	1823	1820	2039	2341	2330	2219	1995	1985	2116	2247
40.0	1741	1841	2140	2284	2258	1967	1946	2263	2387	2142	1790	1487	1466	1617	1849
45.0	1220	1307	1691	2165	2471	2268	2205	2571	2333	1745	1288	1031	1015	1143	1350
50.0	825	892	1205	1795	2544	2764	2660	2853	2196	1261	915	693	678	775	944
55.0	564	600	843	1276	2476	3289	3375	3032	1821	914	635	482	474	534	641
60.0	408	410	569	888	2030	3476	3985	2971	1323	644	440	335	335	376	441
65.0	299	290	387	598	1277	2520	3007	1916	840	426	305	231	234	271	300
70.0	188	203	267	351	704	1377	1370	974	460	242	195	170	166	207	204
75.0	150	140	189	196	348	480	513	343	234	140	156	108	107	143	141
80.0	104	88.0	121	100	185	191	237	148	134	72.3	96.3	67.4	69.7	96.2	82.7
85.0	63.9	51.2	67.6	60.6	112	107	147	89.6	86.1	44.9	52.6	34.9	34.9	57.0	43.2
90.0	35.2	20.7	36.7	30.5	68.1	58.7	95.7	47.7	52.8	21.4	27.5	15.2	17.2	28.7	20.0
95.0	15.2	5.10	17.2	11.3	29.1	20.7	44.7	18.9	23.5	8.80	13.2	4.10	5.40	12.3	6.70
100.0	9.50	4.10	10.8	6.60	18.0	13.0	26.6	12.8	16.5	6.80	10.5	4.30	4.40	9.60	5.20
105.0	9.20	4.90	10.5	7.80	16.2	12.3	20.1	12.5	16.0	8.40	10.7	5.30	5.40	9.60	6.40
110.0	9.50	6.10	11.2	9.40	16.7	13.6	20.1	13.7	16.6	10.0	11.5	6.70	6.80	10.3	8.10
115.0	10.3	7.60	12.2	11.0	17.4	14.5	20.1	14.5	17.2	11.5	12.6	8.29	8.40	11.4	9.80
120.0	11.4	9.40	13.4	12.5	17.9	15.4	20.2	15.2	17.7	12.8	13.7	10.0	10.3	12.8	11.5
125.0	12.8	11.0	14.5	13.7	18.5	16.4	20.6	16.0	18.0	13.7	14.8	11.7	12.1	14.1	12.9
130.0	14.3	12.6	15.7	14.9	19.2	17.5	21.1	17.0	18.4	14.5	15.8	13.0	13.6	15.2	14.1
135.0	15.5	13.9	16.5	15.8	19.9	18.7	22.2	18.2	18.7	15.2	16.5	14.2	14.9	16.3	14.9
140.0	16.5	15.0	17.2	16.5	20.5	20.0	23.2	19.6	19.6	16.0	17.0	15.2	15.9	17.0	15.6
145.0	17.2	15.9	17.9	17.2	20.9	20.9	24.1	20.7	20.5	16.9	17.5	15.9	16.5	17.6	16.3
150.0	17.9	16.6	18.5	17.9	21.4	21.2	24.1	21.1	21.1	17.9	18.1	16.9	17.2	18.2	17.2
155.0	18.4	17.4	19.0	18.6	21.6	21.2	23.6	21.0	21.4	18.7	19.2	18.0	18.0	19.0	18.2
160.0	19.4	18.4	19.6	19.3	21.7	21.1	23.1	20.9	21.6	19.6	20.1	19.2	19.3	20.0	19.3
165.0	20.6	19.5	20.5	20.0	22.0	21.1	22.9	21.0	21.7	20.2	21.0	20.2	20.6	21.0	20.2
170.0	21.6	20.5	21.2	20.6	22.1	21.1	22.7	21.1	22.0	20.9	21.6	21.0	21.6	21.6	20.8
175.0	22.3	21.1	21.7	21.0	22.2	21.2	22.9	21.2	22.2	21.1	22.0	21.4	22.2	22.0	21.1
180.0	22.5	21.6	22.0	21.4	22.2	21.5	22.7	21.6	22.2	21.5	21.9	21.6	22.5	22.1	21.4

Temperature:25.3'C
Operators:
Test Date:24-08-2020

Humidity:65.0%
Test Distance:10.000 m
Remarks: 71Ra 0.3Flickering

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: NOVA 240x292x46 50W 3000K SH1		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2932	DIMENSION: 240x292x46	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	1790	1790	1791	1791	1792	1790	1790	1789	1788
5.0	1800	1791	1787	1781	1780	1780	1783	1784	1786
10.0	1814	1784	1768	1756	1757	1764	1781	1797	1807
15.0	1864	1789	1747	1726	1729	1747	1786	1827	1861
20.0	1990	1834	1745	1711	1712	1743	1815	1913	1993
25.0	2187	1940	1767	1708	1709	1769	1903	2079	2198
30.0	2342	2091	1816	1711	1717	1835	2068	2247	2328
35.0	2346	2237	1902	1731	1744	1958	2230	2276	2244
40.0	2206	2292	2060	1797	1825	2138	2271	2098	1892
45.0	1874	2248	2304	1954	2018	2296	2151	1674	1367
50.0	1406	2142	2581	2258	2378	2349	1828	1179	941
55.0	1014	1861	2809	2804	2876	2278	1343	812	636
60.0	728	1397	2918	3501	3192	1924	952	553	449
65.0	507	947	2392	3351	2819	1327	665	378	327
70.0	326	539	1408	1940	1801	754	439	251	238
75.0	198	331	624	790	819	426	262	174	176
80.0	114	133	263	327	332	180	155	109	119
85.0	69.4	80.1	148	149	172	101	86.5	58.7	74.9
90.0	42.2	42.2	87.0	80.5	101	55.9	53.7	28.2	41.2
95.0	21.0	16.5	38.2	37.2	41.0	20.2	25.7	9.70	17.5
100.0	13.3	10.2	24.0	19.6	25.2	10.5	14.3	5.00	9.90
105.0	13.4	11.0	19.6	13.6	19.6	10.3	13.0	5.80	9.50
110.0	14.4	12.7	20.0	15.0	19.9	12.1	13.7	7.20	9.80
115.0	15.4	13.9	20.2	15.9	20.2	13.5	14.9	8.90	10.7
120.0	16.3	14.8	20.2	16.6	20.2	14.7	15.9	10.7	12.0
125.0	17.0	15.6	20.2	17.4	20.6	15.8	17.0	12.5	13.4
130.0	17.6	16.2	20.7	18.4	21.1	16.9	17.9	13.9	14.8
135.0	17.9	17.0	21.2	19.6	22.0	18.0	18.6	15.2	16.0
140.0	18.2	18.0	22.4	21.1	23.0	18.9	19.3	16.1	17.0
145.0	19.0	19.1	23.5	22.4	23.8	19.6	19.7	16.9	17.7
150.0	19.6	19.9	23.9	22.7	24.2	20.2	20.1	17.5	18.2
155.0	20.4	20.2	23.8	22.3	24.2	20.6	20.5	18.1	18.7
160.0	21.0	20.5	23.2	22.0	23.7	20.8	21.0	18.9	19.5
165.0	21.4	20.7	22.9	21.7	23.2	21.0	21.4	19.9	20.4
170.0	21.7	21.0	22.7	21.7	23.0	21.1	21.7	20.7	21.1
175.0	22.0	21.1	22.6	21.7	22.7	21.4	22.0	21.1	21.7
180.0	22.0	21.2	22.4	22.0	22.5	21.6	22.1	21.6	22.1

Temperature:25.3'C
Operators:
Test Date:24-08-2020

Humidity:65.0%
Test Distance:10.000 m
Remarks: 71Ra 0.3Flickering