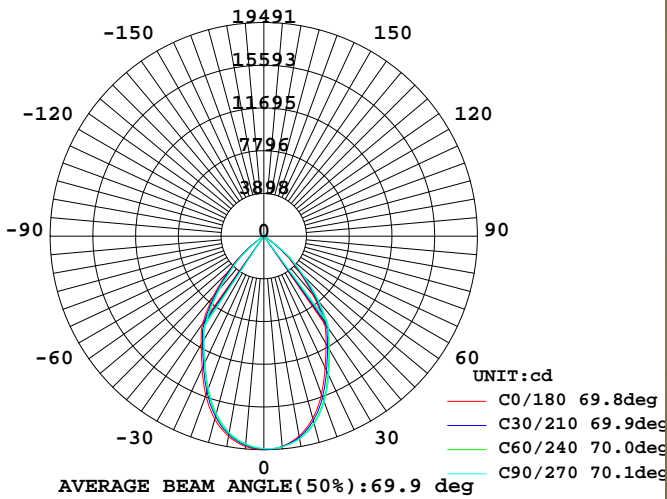


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Kolokol 275x275x84 150W 5000K Dif Alum 60 80Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4980	DIMENSION: 275x275x84	SERIAL No.:

MODEL:		Imax(cd):	19491	Effictive Flux(lm):	23590.9
NOMINAL POWER(W):	154	MAXIMUM(C, γ):	0, 0.0	EEl	0.089
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	219.8
NOMINAL FLUX(lm):	23590.9	η street_up(%):	0.6	Current(A)	0.716
TEST FLUX(lm):	23590.9	η street_down(%):	46.7	Power(W)	154.1
LAMPS QUANTITY:	1	η house_up(%):	0.6	Power Factor	0.978
TOTAL RADIANT(mw):	23590.9	η house_down(%):	52.1	EEFFICIENCY(lm/W)	153.1



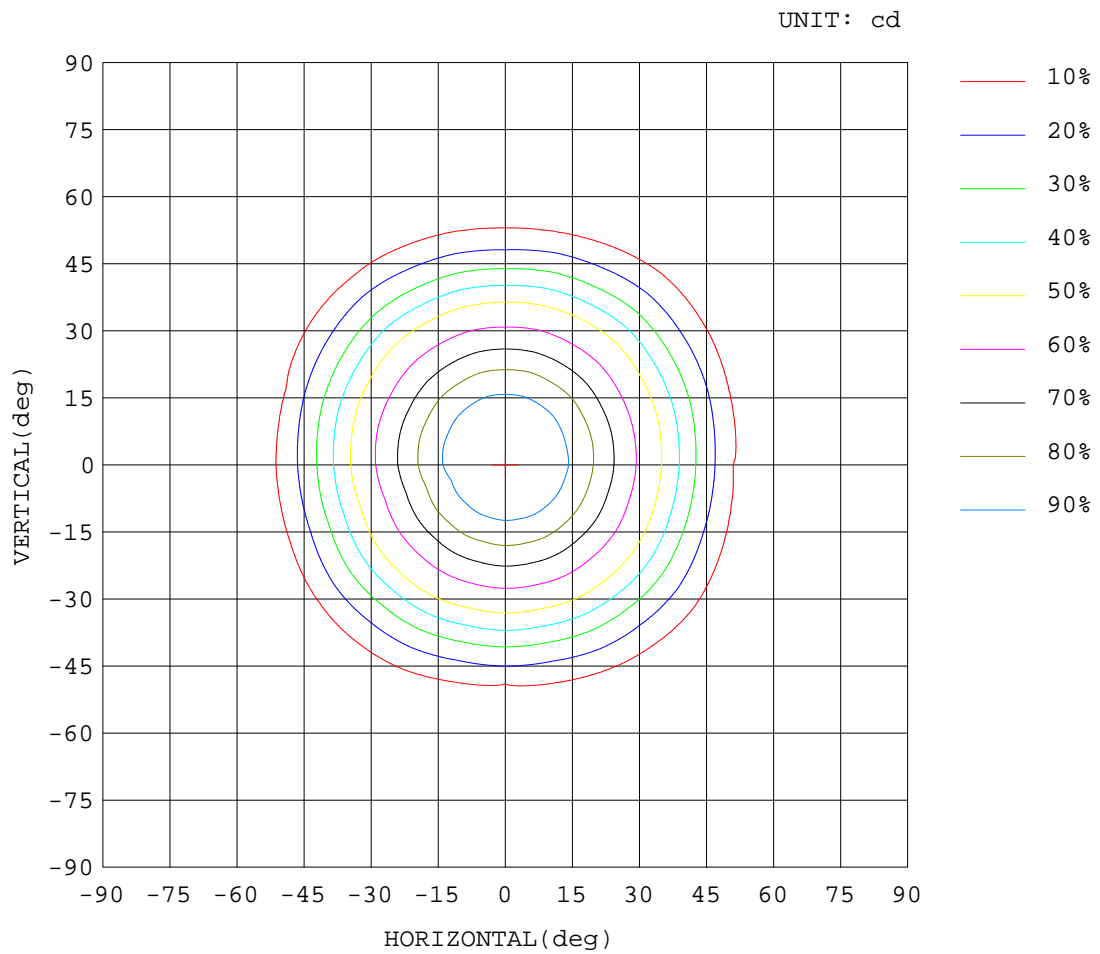
Temperature: 25.3 'C
 Operators:
 Test Date: 18-09-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 81Ra 0.5Flickering Temp 53.8C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Kolokol 275x275x84 150W 5000K Dif Alum 60 80Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4980	DIMENSION: 275x275x84	SERIAL No.:



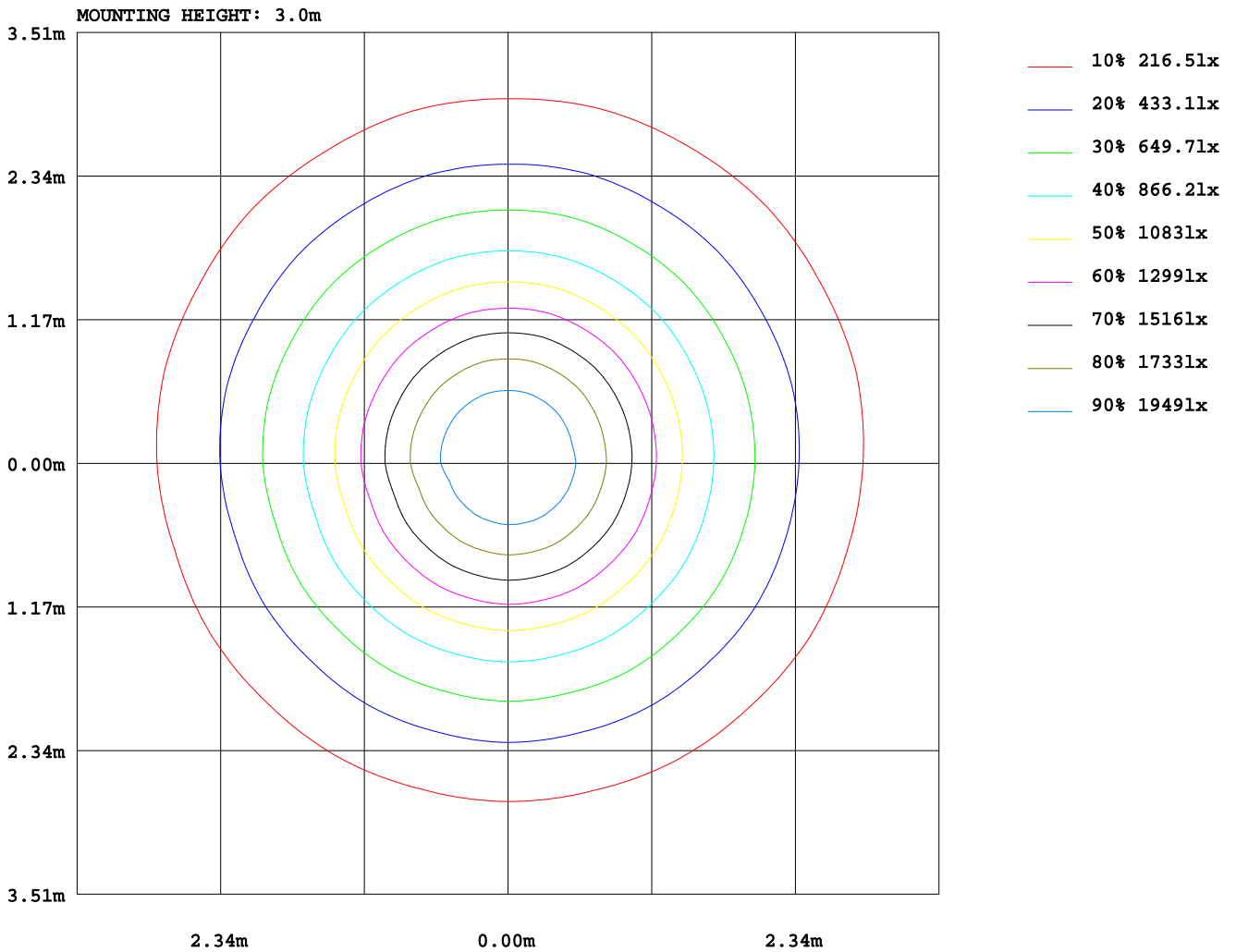
Temperature:25.3'C
 Operators:
 Test Date:18-09-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 81Ra 0.5Flickering Temp 53.8C

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Kolokol 275x275x84 150W 5000K Dif Alum 60 80Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4980	DIMENSION: 275x275x84	SERIAL No.:



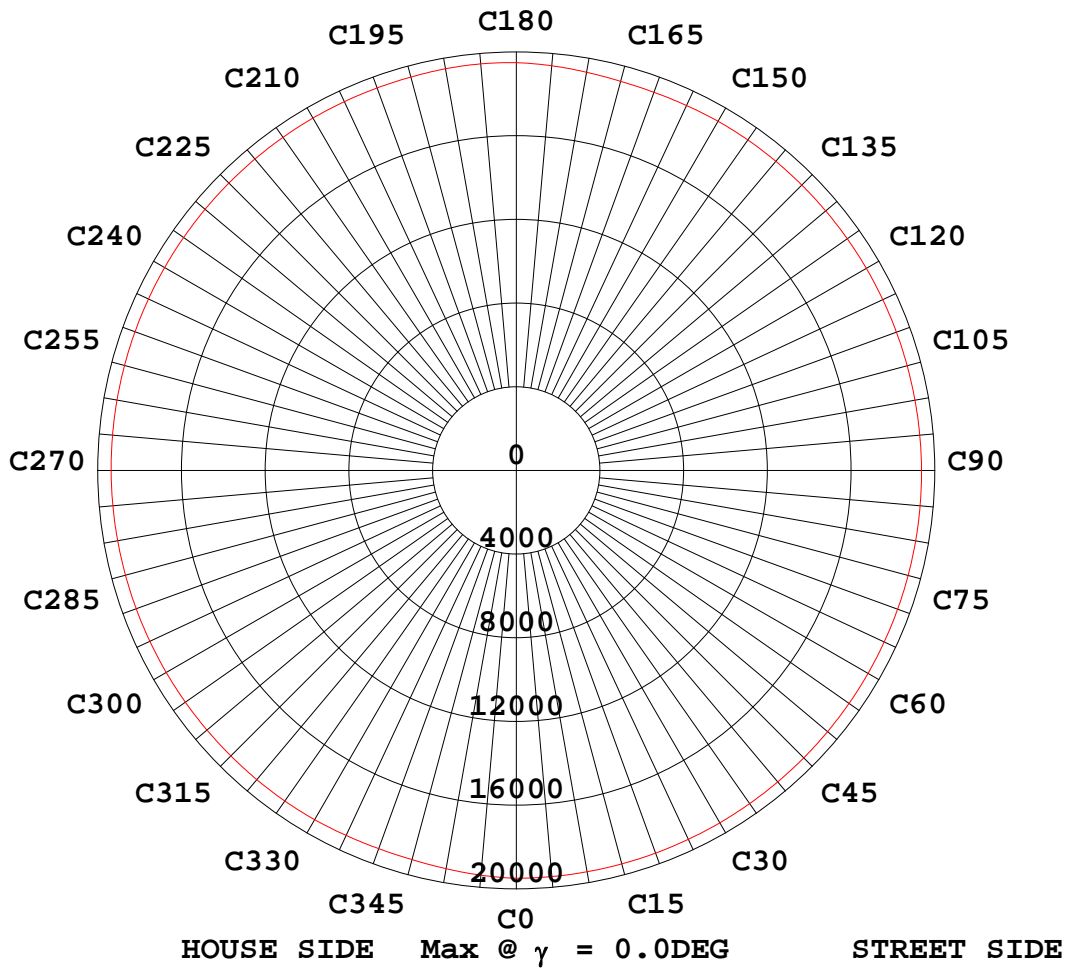
Temperature: 25.3 °C
 Operators:
 Test Date: 18-09-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 81Ra 0.5Flickering Temp 53.8C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Kolokol 275x275x84 150W 5000K Dif Alum 60 80Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4980	DIMENSION: 275x275x84	SERIAL No.:



Temperature: 25.3 °C
 Operators:
 Test Date: 18-09-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 81Ra 0.5Flickering Temp 53.8C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Kolokol 275x275x84 150W 5000K Dif Alum 60 80Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4980	DIMENSION: 275x275x84	SERIAL No.:

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

γ (deg)	C(deg)														
	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	1949	1947	1945	1943	1941	1938	1936	1934	1932	1929	1928	1925	1949	1947	1945
5.0	1927	1920	1917	1910	1909	1903	1902	1897	1898	1895	1897	1895	1925	1927	1928
10.0	1855	1845	1839	1831	1827	1820	1817	1813	1813	1812	1816	1818	1852	1860	1862
15.0	1728	1712	1703	1691	1686	1675	1672	1666	1669	1670	1678	1682	1724	1735	1743
20.0	1548	1523	1517	1496	1494	1477	1479	1468	1477	1473	1489	1489	1537	1558	1565
25.0	1333	1313	1303	1288	1281	1270	1268	1262	1266	1266	1276	1281	1322	1344	1353
30.0	1143	1127	1119	1105	1100	1089	1089	1082	1086	1084	1093	1097	1135	1152	1162
35.0	972	940	934	909	906	885	891	877	890	884	903	904	949	980	991
40.0	719	693	681	655	644	620	620	614	627	630	651	656	695	724	732
45.0	471	446	436	411	405	386	392	381	393	391	409	413	453	476	486
50.0	267	236	236	206	195	182	189	175	194	189	195	210	242	272	313
55.0	79.4	64.8	58.9	46.0	47.1	40.2	43.4	39.0	44.1	41.0	47.6	46.0	66.0	82.9	84.8
60.0	29.7	25.2	27.9	22.6	24.7	20.2	18.4	19.6	23.2	20.1	24.2	21.7	24.2	29.5	30.2
65.0	19.6	15.7	18.5	13.7	16.2	12.0	15.0	11.6	15.2	12.2	16.1	13.4	15.2	19.7	17.0
70.0	12.4	9.37	11.3	8.05	9.75	6.90	8.89	6.63	9.13	7.22	9.92	8.05	9.09	12.5	10.4
75.0	7.44	5.19	6.66	4.38	5.68	3.69	5.14	3.54	5.34	3.96	5.93	4.50	5.21	7.63	6.16
80.0	4.35	2.64	3.80	2.17	3.23	1.81	2.92	1.73	3.07	2.00	3.47	2.35	2.76	4.54	3.39
85.0	2.28	1.06	1.95	0.84	1.68	0.69	1.52	0.66	1.57	0.75	1.79	0.95	1.20	2.49	1.55
90.0	1.09	0.46	1.07	0.46	1.07	0.49	1.09	0.51	1.15	0.53	1.15	0.51	0.50	1.15	0.51
95.0	0.98	0.52	0.98	0.53	0.97	0.54	0.96	0.55	0.97	0.54	0.97	0.53	0.52	0.97	0.49
100.0	1.01	0.69	1.02	0.71	1.03	0.73	1.03	0.74	1.03	0.72	1.02	0.70	0.69	1.00	0.65
105.0	1.18	0.99	1.22	1.04	1.24	1.08	1.26	1.08	1.25	1.06	1.23	1.02	1.03	1.19	0.95
110.0	1.53	1.48	1.59	1.55	1.64	1.61	1.67	1.62	1.66	1.59	1.62	1.53	1.56	1.57	1.45
115.0	2.09	2.15	2.17	2.23	2.24	2.31	2.28	2.32	2.27	2.27	2.21	2.20	2.27	2.18	2.14
120.0	2.83	2.98	2.92	3.09	3.01	3.17	3.06	3.18	3.03	3.13	2.96	3.03	3.17	2.97	3.02
125.0	3.69	3.94	3.78	4.05	3.88	4.16	3.96	4.17	3.90	4.08	3.82	4.00	4.21	3.88	4.02
130.0	4.71	5.02	4.76	5.07	4.87	5.25	5.01	5.26	4.89	5.10	4.80	5.06	5.34	4.95	5.09
135.0	5.86	6.21	5.86	6.23	5.98	6.46	6.17	6.46	6.00	6.26	5.90	6.24	6.60	6.13	6.29
140.0	7.05	7.47	7.07	7.51	7.21	7.72	7.36	7.70	7.21	7.54	7.10	7.48	7.91	7.38	7.63
145.0	8.28	8.70	8.35	8.83	8.50	8.99	8.59	8.92	8.48	8.84	8.38	8.71	9.17	8.69	8.96
150.0	9.55	9.98	9.64	10.1	9.83	10.3	9.84	10.1	9.76	10.1	9.69	10.0	10.4	10.0	10.3
155.0	10.8	11.2	10.8	11.4	11.1	11.7	11.1	11.4	10.9	11.4	10.9	11.4	11.7	11.3	11.6
160.0	12.2	12.5	12.1	12.6	12.4	12.9	12.3	12.6	12.1	12.5	12.2	12.7	12.9	12.7	12.8
165.0	13.4	13.6	13.2	13.6	13.5	14.0	13.5	13.6	13.2	13.5	13.3	13.7	14.0	13.8	13.8
170.0	14.5	14.4	14.1	14.4	14.3	14.7	14.5	14.4	14.1	14.3	14.1	14.5	14.9	14.6	14.6
175.0	15.2	15.0	14.8	15.0	14.8	15.1	15.2	14.9	14.7	14.8	14.7	14.9	15.4	15.1	15.0
180.0	15.5	15.2	15.0	15.1	15.0	15.1	15.4	15.1	14.9	15.0	14.9	15.0	15.5	15.1	15.1

Temperature: 25.3 °C
 Operators:
 Test Date: 18-09-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 81Ra 0.5Flickering Temp 53.8C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Kolokol 275x275x84 150W 5000K Dif Alum 60 80Ra		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4980	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	1943	1941	1938	1936	1934	1932	1929	1928	1925
5.0	1930	1931	1931	1930	1927	1924	1920	1914	1909
10.0	1872	1875	1881	1879	1879	1871	1867	1855	1848
15.0	1758	1766	1776	1776	1776	1768	1760	1745	1733
20.0	1589	1597	1614	1611	1617	1603	1599	1576	1564
25.0	1378	1386	1405	1401	1408	1393	1389	1364	1352
30.0	1179	1188	1200	1200	1203	1193	1185	1167	1155
35.0	1017	1019	1034	1030	1037	1023	1023	1002	999
40.0	768	768	791	785	798	781	782	759	754
45.0	505	511	533	532	540	532	528	508	502
50.0	302	311	327	324	335	316	318	310	295
55.0	110	107	125	117	134	116	123	104	106
60.0	31.9	31.5	32.9	32.6	33.4	32.8	32.8	32.9	30.6
65.0	19.8	17.1	19.9	16.5	19.7	16.5	19.8	16.6	19.9
70.0	13.5	10.5	13.0	9.84	12.6	9.83	12.8	10.1	13.0
75.0	8.44	6.33	8.02	5.70	7.53	5.62	7.79	5.91	7.88
80.0	5.16	3.59	4.89	3.13	4.50	3.06	4.67	3.21	4.68
85.0	2.89	1.74	2.81	1.55	2.57	1.45	2.59	1.45	2.54
90.0	1.18	0.46	1.27	0.47	1.23	0.46	1.19	0.48	1.15
95.0	0.98	0.48	0.97	0.47	0.97	0.47	0.98	0.48	0.98
100.0	0.99	0.62	0.97	0.60	0.96	0.60	0.97	0.62	0.99
105.0	1.15	0.90	1.12	0.88	1.11	0.87	1.12	0.90	1.15
110.0	1.50	1.37	1.44	1.33	1.43	1.34	1.45	1.38	1.50
115.0	2.07	2.04	2.00	1.98	1.98	1.98	2.00	2.04	2.07
120.0	2.85	2.90	2.76	2.84	2.73	2.83	2.75	2.89	2.84
125.0	3.75	3.89	3.64	3.83	3.60	3.81	3.64	3.88	3.72
130.0	4.76	4.95	4.69	4.93	4.64	4.87	4.64	4.93	4.77
135.0	5.88	6.14	5.84	6.17	5.80	6.05	5.74	6.11	5.93
140.0	7.09	7.46	7.06	7.45	7.01	7.36	6.94	7.42	7.15
145.0	8.46	8.77	8.34	8.70	8.30	8.66	8.28	8.71	8.42
150.0	9.82	10.0	9.61	9.98	9.63	10.0	9.62	10.0	9.69
155.0	11.0	11.3	10.8	11.2	10.9	11.3	10.8	11.2	10.9
160.0	12.3	12.5	12.1	12.5	12.3	12.5	12.0	12.4	12.1
165.0	13.3	13.5	13.2	13.7	13.4	13.6	13.1	13.4	13.2
170.0	14.2	14.4	14.1	14.6	14.3	14.4	14.0	14.3	14.0
175.0	14.8	14.9	14.7	15.3	14.9	14.8	14.7	14.8	14.7
180.0	15.0	15.1	15.0	15.4	15.0	15.0	14.9	14.9	14.9

Temperature: 25.3 °C
 Operators:
 Test Date: 18-09-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 81Ra 0.5Flickering Temp 53.8C