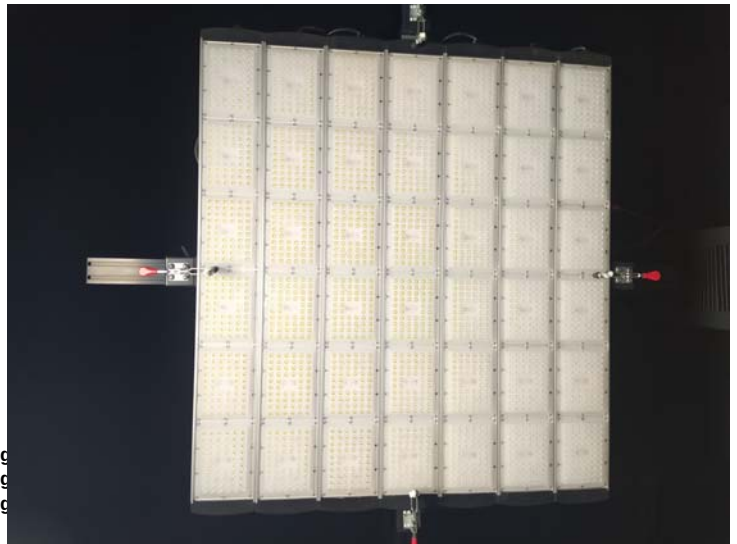
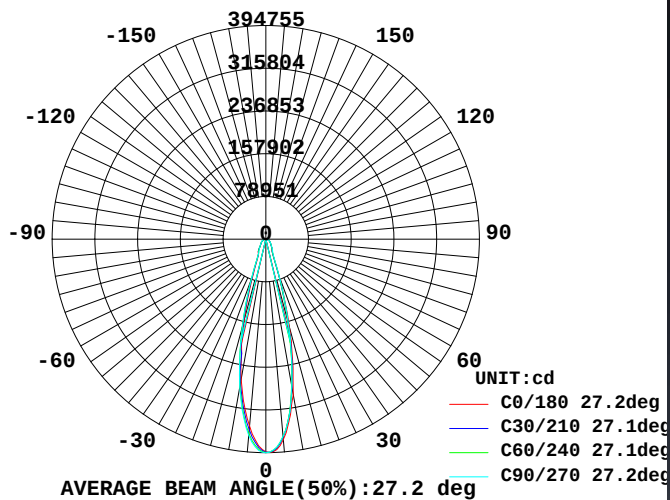


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 6Mx7L 840W 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5217	DIMENSION: 971x864x80	SERIAL No.:

MODEL:		Imax(cd):	395195	Effective Flux(lm):	138547.1
NOMINAL POWER(W):	824	MAXIMUM(C, γ):	135, 0.0	EEI	0.081
RATED VOLTAGE(V):	226	EFFICIENCY(%):	100.0	Voltage(V)	225.1
NOMINAL FLUX(lm):	138547.0	η street_up(%):	0.4	Current(A)	3.710
TEST FLUX(lm):	138547.0	η street_down(%):	49.4	Power(W)	824.5
LAMPS QUANTITY:	1	η house_up(%)	0.4	Power Factor	0.987
TOTAL RADIANT(mw):	138547.1	η house_down(%)	49.8	EEFICIENCY(lm/W)	168.0



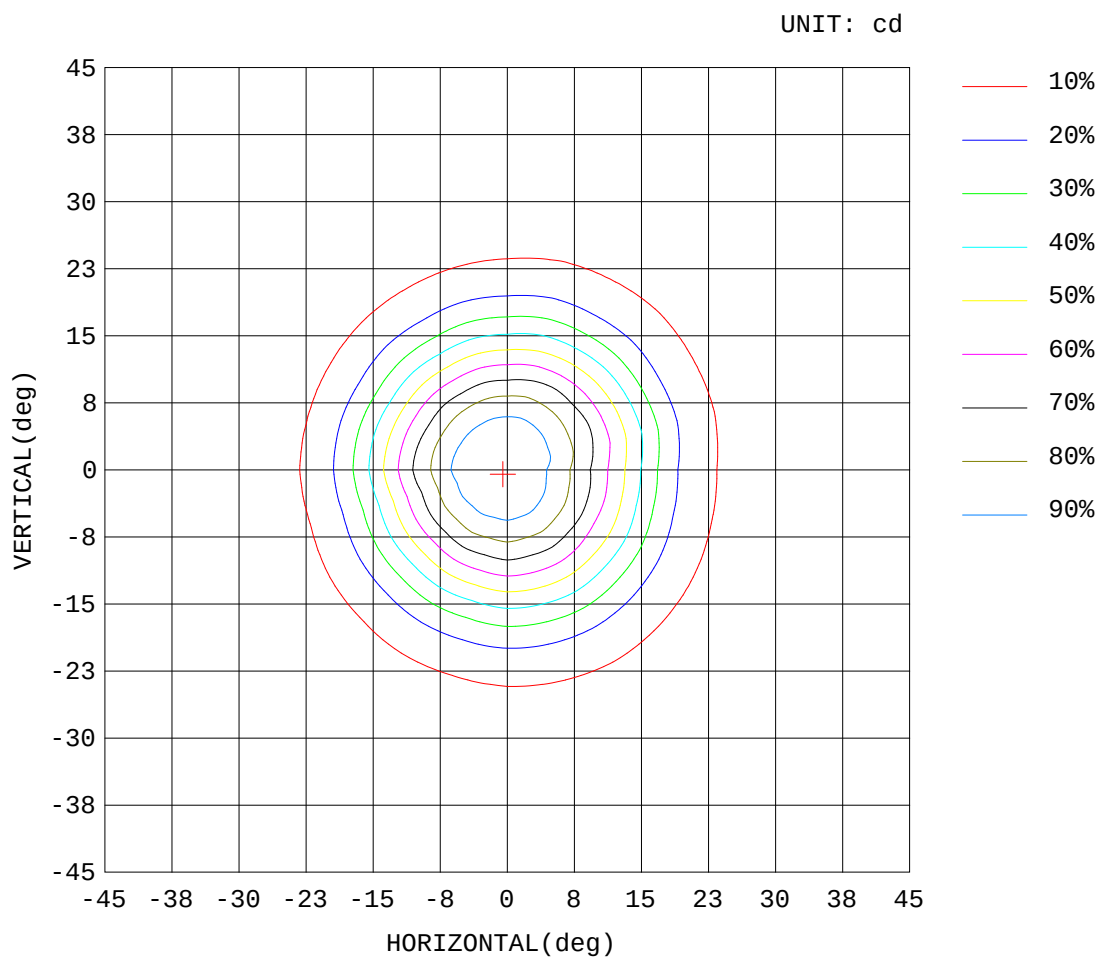
Temperature:25.3'C
Operators:
Test Date:21-09-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 72Ra. 0,6% Flickering. Temp 54.8C.

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 6Mx7L 840W 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5217	DIMENSION: 971x864x80	SERIAL No.:



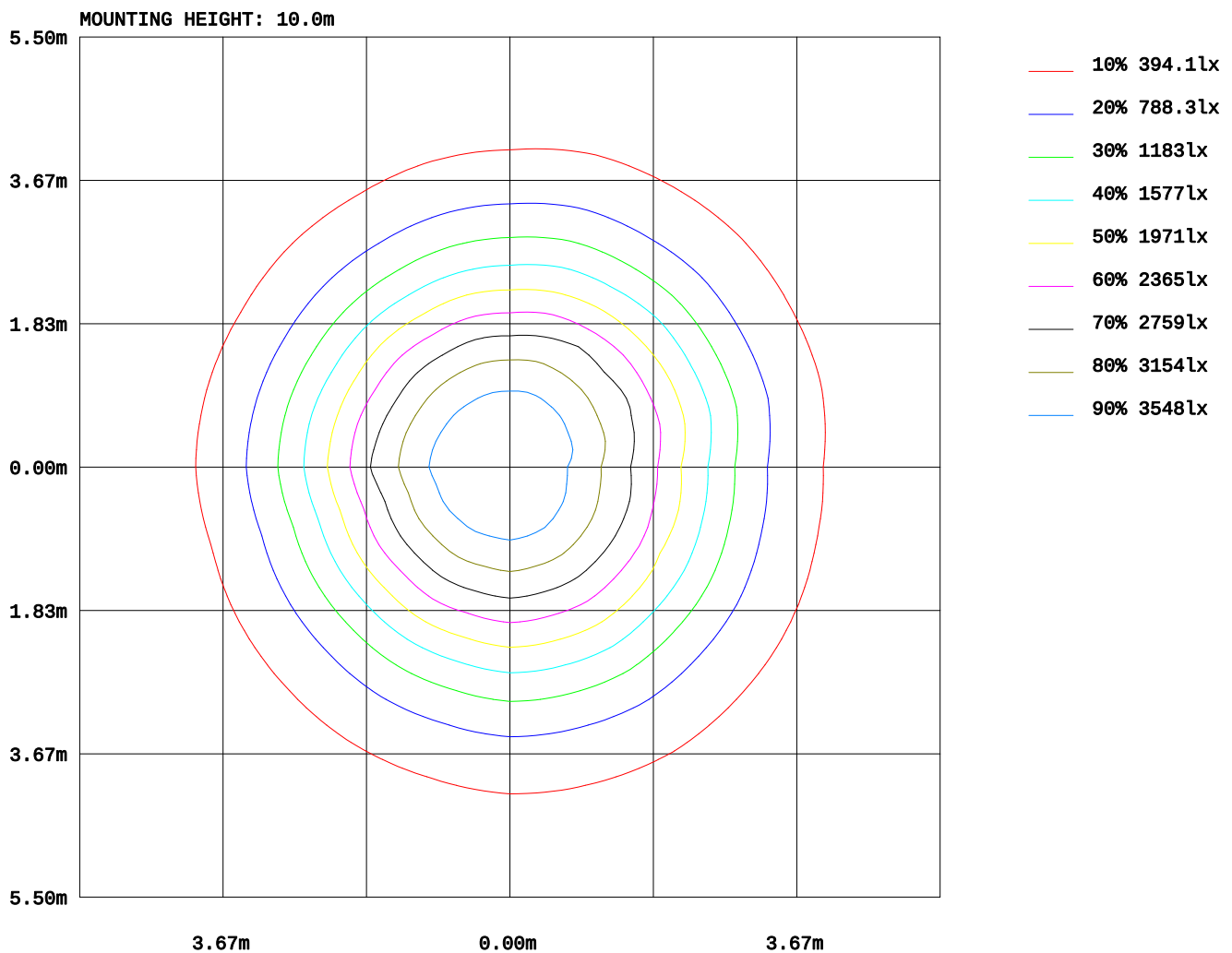
Temperature: 25.3°C
Operators:
Test Date: 21-09-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 72Ra. 0,6% Flickering. Temp 54.8C.

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 6Mx7L 840W 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5217	DIMENSION: 971x864x80	SERIAL No.:



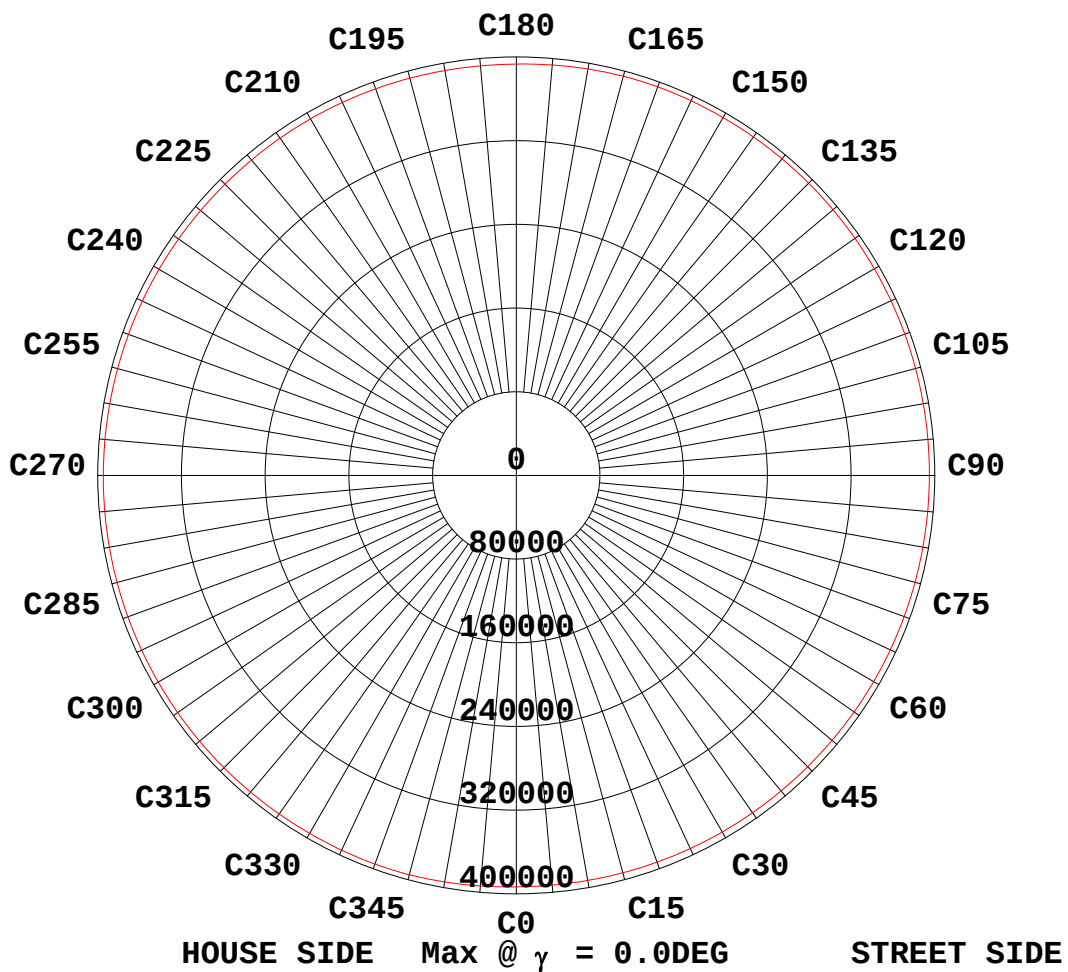
Temperature: 25.3°C
 Operators:
 Test Date: 21-09-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 72Ra. 0,6% Flickering. Temp 54.8C.

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 6Mx7L 840W 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5217	DIMENSION: 971x864x80	SERIAL No.:



Temperature: 25.3°C
 Operators:
 Test Date: 21-09-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 72Ra. 0,6% Flickering. Temp 54.8C.

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 6Mx7L 840W 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5217	DIMENSION: 971x864x80	SERIAL No.:

UNIT: $\mu\text{A}100\text{cd}$

C(deg) γ (deg)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	3932	3932	3936	3938	3943	3945	3948	3950	3951	3952	3951	3951	3932	3932	3936
5.0	3466	3488	3530	3565	3605	3619	3637	3627	3643	3647	3663	3670	3717	3708	3674
10.0	2637	2644	2708	2708	2763	2744	2783	2724	2751	2711	2747	2733	2925	2838	2780
15.0	1563	1567	1639	1644	1703	1677	1689	1603	1607	1553	1572	1542	1681	1672	1601
20.0	661	688	732	766	794	792	783	740	717	687	670	653	698	690	661
25.0	337	337	349	354	366	360	358	335	328	313	307	298	311	304	303
30.0	285	285	276	274	267	261	255	245	239	233	231	233	232	231	232
35.0	213	221	223	221	221	215	209	204	201	198	197	192	194	195	198
40.0	159	159	164	167	169	167	167	161	161	156	154	152	155	153	152
45.0	132	134	136	134	140	139	139	138	135	129	132	130	131	132	130
50.0	113	113	116	114	118	119	119	118	115	112	114	112	112	112	113
55.0	99.6	97.5	97.5	98.4	101	102	104	100	98.7	96.4	96.2	95.1	98.2	95.7	94.9
60.0	76.6	78.1	82.3	84.1	85.5	84.8	87.3	83.7	84.0	82.6	81.5	77.9	80.0	79.4	80.7
65.0	60.0	61.6	66.8	68.9	70.3	69.3	69.5	68.5	69.2	67.9	66.4	62.5	63.5	63.6	66.4
70.0	45.9	47.2	52.1	54.8	56.4	54.5	55.3	54.0	55.5	54.1	52.0	48.4	49.6	49.7	51.8
75.0	32.7	33.7	38.4	40.1	41.9	40.6	40.9	40.1	41.0	39.4	38.3	34.9	35.8	36.7	38.1
80.0	19.6	20.9	24.9	26.4	28.1	27.0	26.8	26.3	27.2	25.6	24.8	21.8	22.3	23.5	24.6
85.0	8.04	9.20	12.1	12.0	13.6	12.2	12.6	11.7	12.6	11.2	11.8	9.50	9.54	11.0	11.2
90.0	1.29	1.34	1.58	1.84	2.77	2.05	2.48	1.93	2.38	1.69	1.56	1.30	1.12	1.40	1.61
95.0	0.87	0.72	1.14	1.02	1.43	1.31	1.45	1.29	1.37	0.95	1.07	0.71	0.75	1.04	0.86
100.0	0.58	0.53	0.70	0.78	1.10	1.05	1.18	1.04	1.05	0.72	0.64	0.51	0.50	0.62	0.57
105.0	0.63	0.60	0.66	0.66	0.91	0.89	1.00	0.89	0.87	0.61	0.64	0.58	0.59	0.65	0.63
110.0	0.69	0.67	0.72	0.69	0.75	0.75	0.87	0.74	0.73	0.69	0.71	0.66	0.68	0.71	0.72
115.0	0.76	0.76	0.79	0.79	0.79	0.78	0.80	0.80	0.81	0.81	0.79	0.77	0.79	0.79	0.83
120.0	0.88	0.92	0.91	0.96	0.91	0.94	0.92	0.97	0.95	0.99	0.93	0.94	0.96	0.93	1.01
125.0	1.11	1.17	1.13	1.20	1.14	1.21	1.15	1.24	1.19	1.26	1.17	1.20	1.24	1.18	1.28
130.0	1.50	1.59	1.47	1.59	1.51	1.66	1.55	1.68	1.55	1.65	1.52	1.62	1.68	1.56	1.69
135.0	2.03	2.10	1.93	2.07	2.01	2.01	2.12	1.96	2.04	2.11	1.99	2.10	2.05	2.07	2.11
140.0	2.73	2.63	2.48	2.58	2.74	2.78	2.81	2.79	2.73	2.61	2.50	2.59	2.75	2.74	2.69
145.0	3.16	3.16	3.08	3.13	3.17	3.31	3.33	3.31	3.16	3.10	3.02	3.07	3.27	3.22	3.23
150.0	3.56	3.56	3.52	3.56	3.58	3.68	3.69	3.66	3.54	3.47	3.41	3.45	3.65	3.65	3.65
155.0	3.77	3.77	3.79	3.79	3.80	3.85	3.84	3.81	3.74	3.68	3.63	3.65	3.85	3.87	3.86
160.0	3.79	3.78	3.84	3.83	3.82	3.82	3.82	3.77	3.76	3.71	3.67	3.67	3.86	3.88	3.86
165.0	3.65	3.60	3.70	3.70	3.69	3.67	3.67	3.61	3.63	3.58	3.55	3.52	3.70	3.71	3.68
170.0	3.44	3.36	3.46	3.49	3.47	3.44	3.46	3.39	3.42	3.39	3.35	3.31	3.48	3.44	3.42
175.0	3.26	3.15	3.23	3.29	3.27	3.23	3.29	3.21	3.25	3.24	3.19	3.14	3.28	3.21	3.21
180.0	3.19	3.09	3.14	3.21	3.19	3.16	3.23	3.18	3.21	3.23	3.16	3.11	3.19	3.10	3.14

Temperature:25.3'C
Operators:
Test Date:21-09-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 72Ra. 0,6% Flickering. Temp 54.8C.

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 6Mx7L 840W 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5217	DIMENSION: 971x864x80	SERIAL No.:

UNIT: $\text{lm}/\text{m}^2/\text{sr}$

γ (deg) \ C(deg)	225	240	255	270	285	300	315	330	345
0.0	3938	3943	3945	3948	3950	3951	3952	3951	3951
5.0	3680	3661	3677	3662	3681	3644	3625	3575	3562
10.0	2788	2753	2780	2767	2833	2928	2820	2893	2748
15.0	1610	1567	1613	1611	1701	1694	1744	1711	1718
20.0	677	666	701	707	763	757	779	748	746
25.0	306	310	321	334	350	357	360	355	351
30.0	230	235	243	250	261	267	274	279	288
35.0	196	197	201	204	213	218	221	228	220
40.0	155	156	158	161	163	165	166	163	162
45.0	128	133	135	135	137	136	133	135	137
50.0	111	113	116	116	117	115	113	115	114
55.0	95.6	96.4	98.6	101	100	98.3	97.4	96.6	98.4
60.0	82.7	82.3	83.3	85.0	84.7	84.0	83.9	81.3	79.4
65.0	68.1	68.4	68.0	68.1	69.4	69.8	69.1	66.5	62.6
70.0	54.4	54.0	53.2	53.1	54.2	55.3	55.0	51.6	48.4
75.0	40.1	39.4	39.6	38.6	40.5	40.3	40.7	38.0	35.4
80.0	26.1	25.8	25.8	24.7	26.8	26.7	26.9	24.6	20.8
85.0	11.8	11.0	11.6	10.4	12.2	11.9	12.6	11.5	10.6
90.0	1.63	1.75	1.64	1.60	2.47	1.95	2.42	1.69	1.42
95.0	1.22	1.13	1.47	1.23	1.53	1.20	1.31	0.90	1.03
100.0	0.90	0.94	1.19	1.05	1.23	0.99	0.94	0.61	0.62
105.0	0.75	0.81	1.02	0.94	1.04	0.85	0.79	0.63	0.66
110.0	0.75	0.73	0.87	0.84	0.89	0.73	0.75	0.72	0.72
115.0	0.85	0.86	0.84	0.83	0.83	0.84	0.84	0.82	0.79
120.0	1.00	1.04	1.00	1.02	0.97	1.02	0.99	1.00	0.92
125.0	1.25	1.34	1.26	1.34	1.24	1.31	1.23	1.27	1.16
130.0	1.60	1.75	1.67	1.83	1.66	1.75	1.58	1.66	1.54
135.0	2.07	1.97	2.20	2.37	2.21	1.97	2.05	2.11	2.07
140.0	2.73	2.76	2.82	2.93	2.83	2.76	2.74	2.67	2.74
145.0	3.21	3.30	3.34	3.42	3.32	3.28	3.18	3.25	3.27
150.0	3.65	3.75	3.78	3.81	3.75	3.71	3.66	3.71	3.71
155.0	3.91	4.00	4.04	4.05	4.03	3.98	3.95	3.96	3.94
160.0	3.94	4.02	4.07	4.07	4.09	4.04	4.02	3.99	3.96
165.0	3.77	3.82	3.87	3.88	3.92	3.89	3.89	3.82	3.78
170.0	3.51	3.53	3.55	3.59	3.62	3.61	3.63	3.55	3.50
175.0	3.30	3.28	3.28	3.33	3.34	3.33	3.38	3.28	3.25
180.0	3.22	3.19	3.17	3.22	3.19	3.20	3.24	3.16	3.12

Temperature: 25.3°C
Operators:
Test Date: 21-09-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 72Ra. 0,6% Flickering. Temp 54.8C.