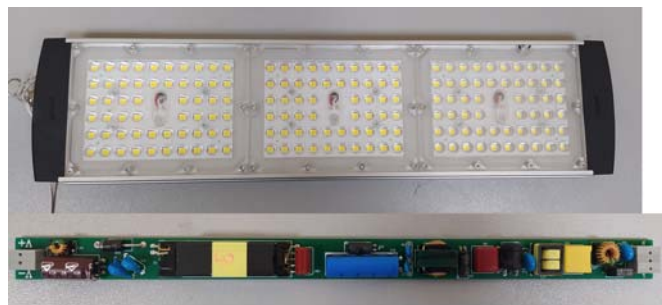
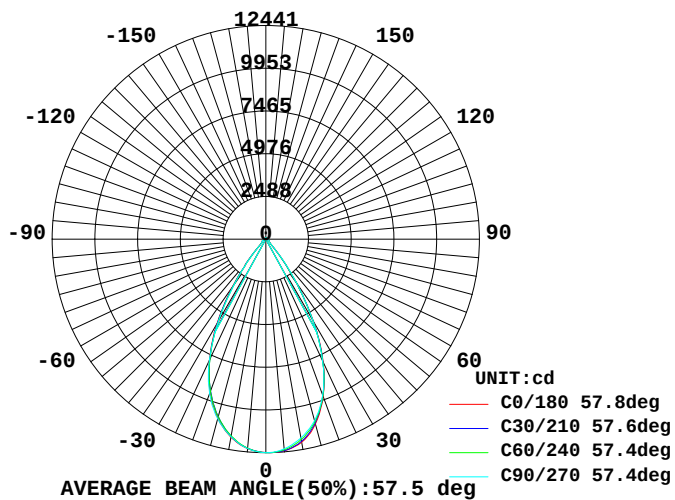


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 5000K G		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5136	DIMENSION: 521x128x40	SERIAL No.:

MODEL:		Imax(cd):	12444	Effective Flux(lm):	10933.5
NOMINAL POWER(W):	62	MAXIMUM(C, γ):	165, 1.0	EI	0.077
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm):	10933.5	η street_up(%):	0.6	Current(A)	0.282
TEST FLUX(lm):	10933.5	η street_down(%):	49.3	Power(W)	61.57
LAMPS QUANTITY:	1	η house_up(%)	0.7	Power Factor	0.989
TOTAL RADIANT(mw):	10933.5	η house_down(%)	49.4	EEFICIENCY(lm/W)	177.6



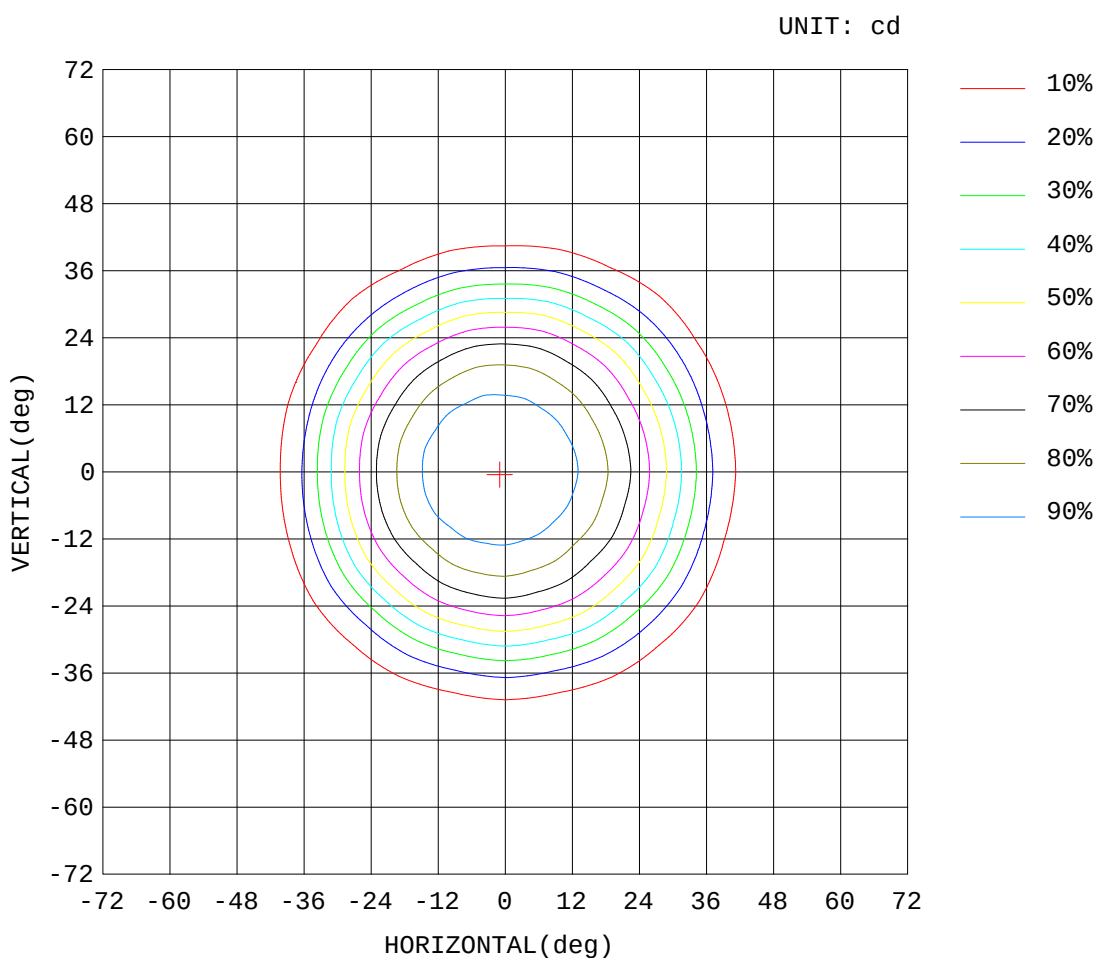
Temperature:25.3'C
 Operators:
 Test Date:22-02-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 69Ra. 0,3% Flickering. Temp 39.2C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 5000K G		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5136	DIMENSION: 521x128x40	SERIAL No.:



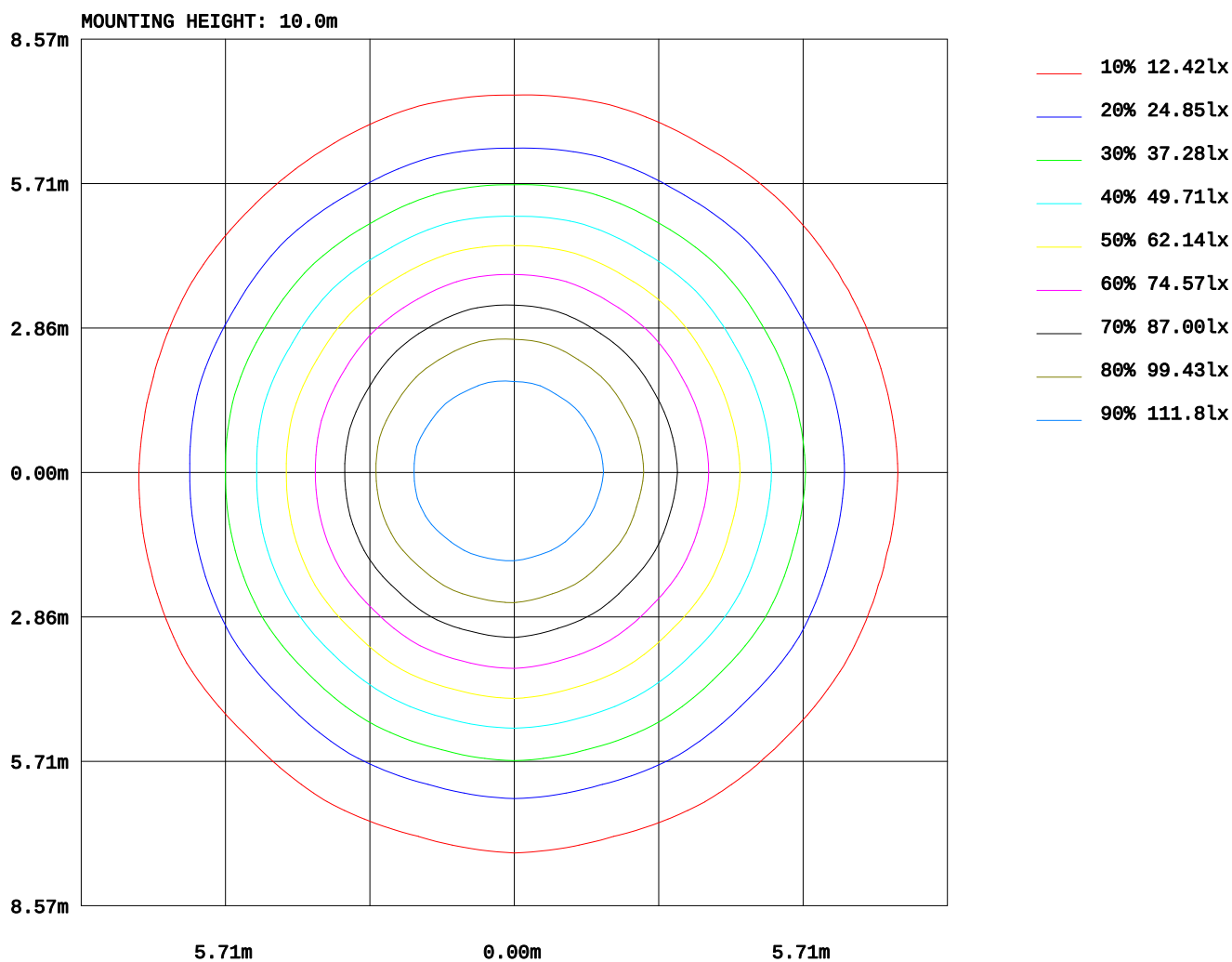
Temperature:25.3'C
Operators:
Test Date:22-02-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 69Ra. 0,3% Flickering. Temp 39.2C

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 5000K G		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5136	DIMENSION: 521x128x40	SERIAL No.:



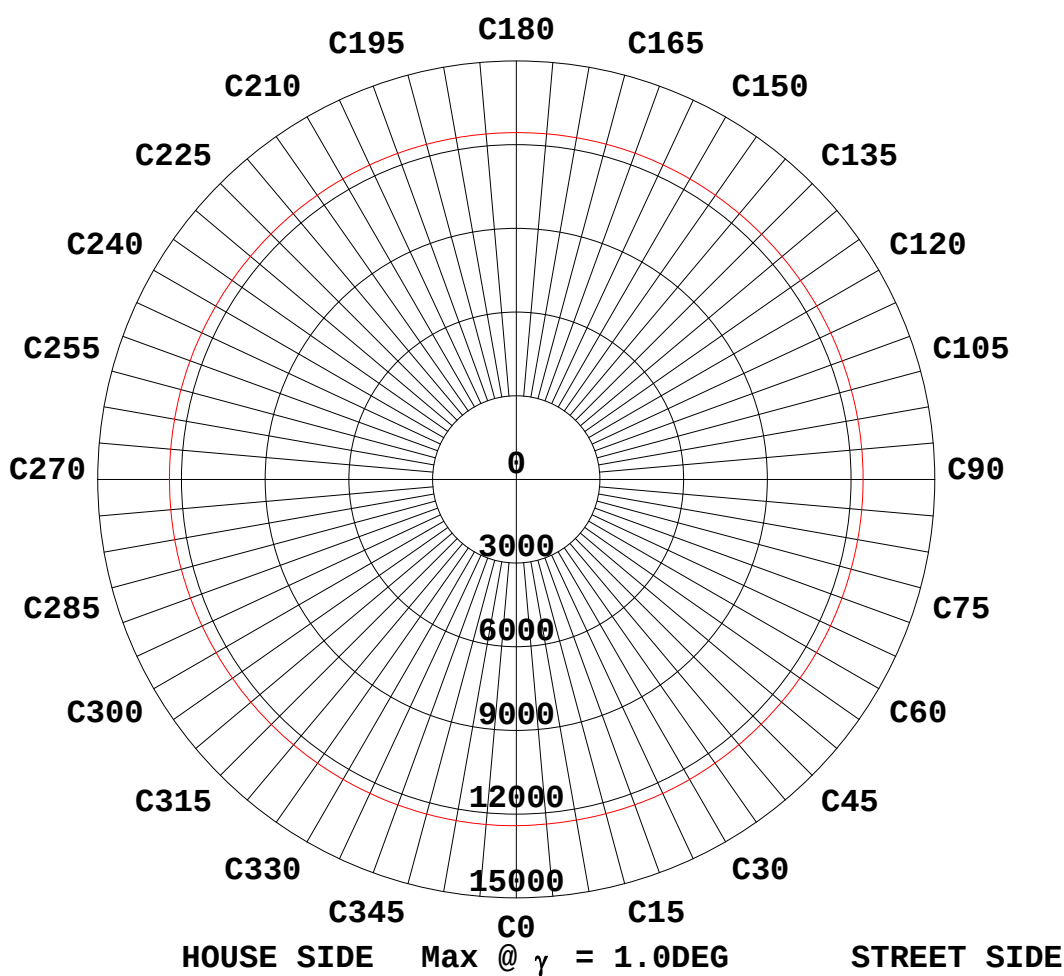
Temperature: 25.3°C
Operators:
Test Date: 22-02-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 69Ra. 0,3% Flickering. Temp 39.2C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 5000K G		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5136	DIMENSION: 521x128x40	SERIAL No.:



Temperature: 25.3°C
Operators:
Test Date: 22-02-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 69Ra. 0,3% Flickering. Temp 39.2C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 5000K G		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5136	DIMENSION: 521x128x40	SERIAL No.:

UNIT: μA10cd

C(deg) γ (deg)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	1243	1243	1243	1243	1243	1244	1244	1244	1244	1243	1244	1243	1243	1243	1243
5.0	1225	1222	1223	1220	1222	1221	1224	1225	1230	1232	1236	1237	1237	1238	1236
10.0	1172	1167	1166	1162	1164	1164	1169	1172	1181	1186	1197	1202	1201	1204	1196
15.0	1079	1071	1071	1065	1072	1074	1084	1085	1094	1097	1110	1116	1116	1119	1110
20.0	950	938	943	933	945	944	959	955	966	961	976	976	975	979	970
25.0	781	771	773	765	772	768	779	776	786	784	796	797	790	800	786
30.0	570	559	563	551	555	545	553	546	556	553	567	564	558	564	555
35.0	339	324	333	320	324	315	322	317	318	316	321	316	317	312	320
40.0	160	146	151	139	146	138	148	136	142	133	142	134	131	137	124
45.0	50.9	44.7	47.1	43.0	46.1	42.4	46.4	41.8	45.1	41.8	45.8	43.6	44.5	46.2	41.8
50.0	32.2	29.3	31.6	29.4	31.4	29.1	31.4	28.9	31.1	29.2	31.6	29.7	30.3	31.8	29.7
55.0	26.9	24.2	26.0	24.2	25.9	24.1	26.2	23.9	25.9	24.3	26.2	24.8	26.3	26.8	24.6
60.0	25.0	21.5	20.2	21.6	19.5	21.3	24.1	21.2	19.5	21.7	19.5	22.1	24.5	23.7	21.6
65.0	25.3	19.0	20.6	19.4	20.6	18.9	23.1	18.8	20.8	19.2	20.9	19.1	23.8	21.1	19.0
70.0	20.5	16.0	17.9	16.3	17.7	15.7	19.0	15.6	17.7	16.1	17.9	15.7	18.9	17.7	15.9
75.0	19.2	11.6	14.3	12.4	14.1	11.8	15.1	11.8	14.0	12.2	14.2	10.8	15.9	13.1	12.0
80.0	10.7	7.00	10.2	7.15	9.94	7.26	9.35	7.45	9.71	6.99	10.0	6.55	7.92	8.43	7.77
85.0	5.63	3.39	5.17	3.67	5.25	3.44	5.38	3.38	5.01	3.42	4.94	3.21	3.27	4.67	3.22
90.0	1.31	0.61	1.60	0.76	1.97	1.08	1.94	1.06	1.90	0.80	1.58	0.56	0.45	1.38	0.61
95.0	0.97	0.42	0.95	0.41	0.99	0.44	1.07	0.43	0.98	0.41	0.94	0.41	0.43	0.93	0.41
100.0	0.91	0.46	0.88	0.45	0.88	0.45	0.88	0.45	0.87	0.45	0.87	0.46	0.47	0.86	0.45
105.0	0.88	0.52	0.86	0.51	0.85	0.51	0.85	0.51	0.84	0.51	0.85	0.52	0.54	0.84	0.51
110.0	0.90	0.64	0.88	0.61	0.86	0.61	0.87	0.61	0.87	0.63	0.89	0.65	0.68	0.89	0.64
115.0	1.03	0.84	0.99	0.81	0.97	0.80	0.98	0.81	0.99	0.84	1.02	0.87	0.92	1.04	0.87
120.0	1.29	1.18	1.24	1.13	1.21	1.12	1.22	1.14	1.24	1.18	1.29	1.22	1.29	1.33	1.24
125.0	1.68	1.66	1.63	1.62	1.59	1.59	1.60	1.61	1.63	1.67	1.69	1.70	1.80	1.75	1.74
130.0	2.21	2.25	2.18	2.22	2.14	2.19	2.13	2.21	2.17	2.26	2.23	2.28	2.41	2.30	2.36
135.0	2.85	2.93	2.82	2.92	2.79	2.89	2.79	2.90	2.81	2.94	2.85	2.95	3.12	2.96	3.05
140.0	3.54	3.66	3.48	3.63	3.48	3.65	3.49	3.65	3.48	3.64	3.49	3.68	3.88	3.65	3.77
145.0	4.26	4.38	4.16	4.31	4.18	4.38	4.23	4.37	4.17	4.31	4.18	4.40	4.62	4.39	4.49
150.0	4.95	5.08	4.84	4.99	4.86	5.08	4.93	5.06	4.84	5.01	4.88	5.13	5.33	5.12	5.22
155.0	5.58	5.71	5.47	5.65	5.51	5.76	5.54	5.70	5.48	5.69	5.56	5.84	6.02	5.82	5.94
160.0	6.20	6.32	6.11	6.30	6.17	6.44	6.16	6.32	6.13	6.37	6.26	6.55	6.71	6.53	6.62
165.0	6.90	6.97	6.76	6.99	6.87	7.16	6.87	6.99	6.81	7.05	6.97	7.27	7.44	7.23	7.28
170.0	7.61	7.60	7.40	7.62	7.53	7.82	7.61	7.64	7.45	7.68	7.60	7.88	8.09	7.83	7.86
175.0	8.20	8.09	7.95	8.10	8.05	8.27	8.25	8.14	7.99	8.12	8.08	8.26	8.49	8.23	8.22
180.0	8.53	8.35	8.28	8.30	8.32	8.42	8.61	8.40	8.28	8.29	8.30	8.36	8.57	8.34	8.30

Temperature:25.3'C
Operators:
Test Date:22-02-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 69Ra. 0,3% Flickering. Temp 39.2C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 5000K G		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5136	DIMENSION: 521x128x40	SERIAL No.:

UNIT: μA10cd

γ (deg) \ C(deg)	225	240	255	270	285	300	315	330	345
0.0	1243	1243	1244	1244	1244	1244	1243	1244	1243
5.0	1235	1231	1229	1226	1226	1223	1224	1222	1223
10.0	1194	1185	1184	1176	1176	1169	1171	1167	1170
15.0	1109	1103	1104	1096	1092	1081	1079	1074	1077
20.0	975	970	976	967	966	951	949	940	943
25.0	796	784	794	782	789	773	780	765	775
30.0	560	550	557	551	560	554	562	555	562
35.0	309	319	313	314	318	317	321	322	325
40.0	136	127	142	136	147	137	150	140	153
45.0	44.8	41.2	44.8	42.2	45.2	41.6	45.8	42.6	47.4
50.0	31.7	29.3	31.1	29.1	30.6	28.5	30.7	28.7	30.9
55.0	26.6	24.4	26.2	24.6	25.8	23.8	25.8	23.7	25.9
60.0	23.6	21.5	19.5	22.7	19.5	21.1	19.5	21.0	19.5
65.0	21.3	18.9	20.9	21.5	20.7	18.7	21.2	18.7	20.9
70.0	18.0	15.7	17.6	16.6	17.6	15.7	18.1	15.9	17.9
75.0	14.2	11.7	13.7	12.6	13.8	11.9	14.5	12.2	13.7
80.0	8.93	7.41	9.29	7.28	9.21	7.71	9.10	8.05	8.80
85.0	4.82	3.24	4.82	3.61	4.88	3.47	5.11	3.45	4.87
90.0	1.58	0.82	1.87	0.84	1.92	0.87	1.61	0.64	1.56
95.0	0.93	0.41	0.97	0.42	0.98	0.41	0.94	0.41	0.93
100.0	0.87	0.45	0.87	0.45	0.87	0.45	0.87	0.46	0.87
105.0	0.84	0.50	0.83	0.50	0.84	0.50	0.84	0.51	0.85
110.0	0.87	0.62	0.86	0.61	0.86	0.61	0.87	0.63	0.88
115.0	1.01	0.83	0.98	0.81	0.97	0.81	0.99	0.84	1.02
120.0	1.28	1.18	1.24	1.15	1.23	1.16	1.25	1.20	1.30
125.0	1.70	1.68	1.64	1.64	1.63	1.66	1.67	1.71	1.72
130.0	2.26	2.29	2.19	2.26	2.19	2.28	2.25	2.34	2.28
135.0	2.93	3.01	2.87	2.99	2.87	3.01	2.93	3.06	2.95
140.0	3.60	3.75	3.59	3.78	3.59	3.76	3.62	3.79	3.66
145.0	4.30	4.47	4.33	4.54	4.34	4.48	4.32	4.50	4.40
150.0	5.00	5.19	5.05	5.26	5.06	5.19	4.99	5.20	5.10
155.0	5.67	5.86	5.69	5.91	5.73	5.88	5.64	5.86	5.73
160.0	6.36	6.51	6.33	6.55	6.42	6.53	6.29	6.48	6.33
165.0	7.03	7.18	6.98	7.27	7.13	7.20	6.94	7.10	6.96
170.0	7.63	7.77	7.60	7.96	7.75	7.80	7.54	7.70	7.55
175.0	8.10	8.19	8.12	8.46	8.22	8.20	8.04	8.13	8.04
180.0	8.29	8.35	8.39	8.64	8.38	8.32	8.28	8.30	8.34

Temperature: 25.3°C
 Operators:
 Test Date: 22-02-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 69Ra. 0,3% Flickering. Temp 39.2C