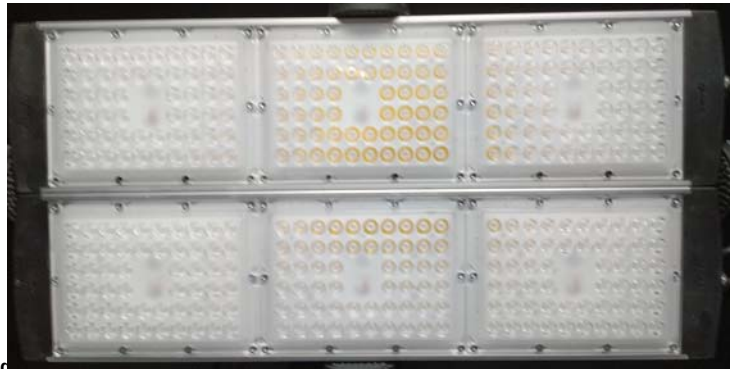
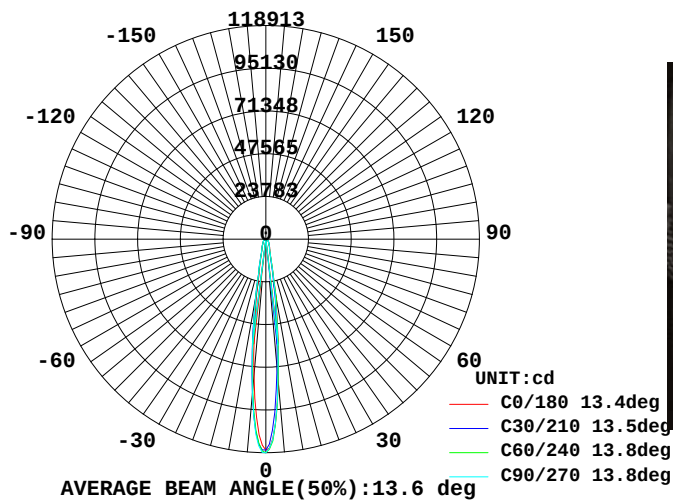


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx2L 120W 3000K K2		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2973	DIMENSION: 521x251x40	SERIAL No.:

MODEL :		Imax(cd) :	119108	Effective Flux(lm) :	18787.6
NOMINAL POWER(W) :	120	MAXIMUM(C, γ) :	75, 0.0	EEI	0.088
RATED VOLTAGE(V) :	220	EFFICIENCY(%) :	103.0	Voltage(V)	220.1
NOMINAL FLUX(lm) :	18240.0	η street_up(%) :	0.6	Current(A)	0.571
TEST FLUX(lm) :	18787.5	η street_down(%) :	51.4	Power(W)	121.6
LAMPS QUANTITY :	1	η house_up(%) :	0.7	Power Factor	0.968
TOTAL RADIANT(mw) :	18787.5	η house_down(%) :	50.3	EEFICIENCY(lm/W)	154.4



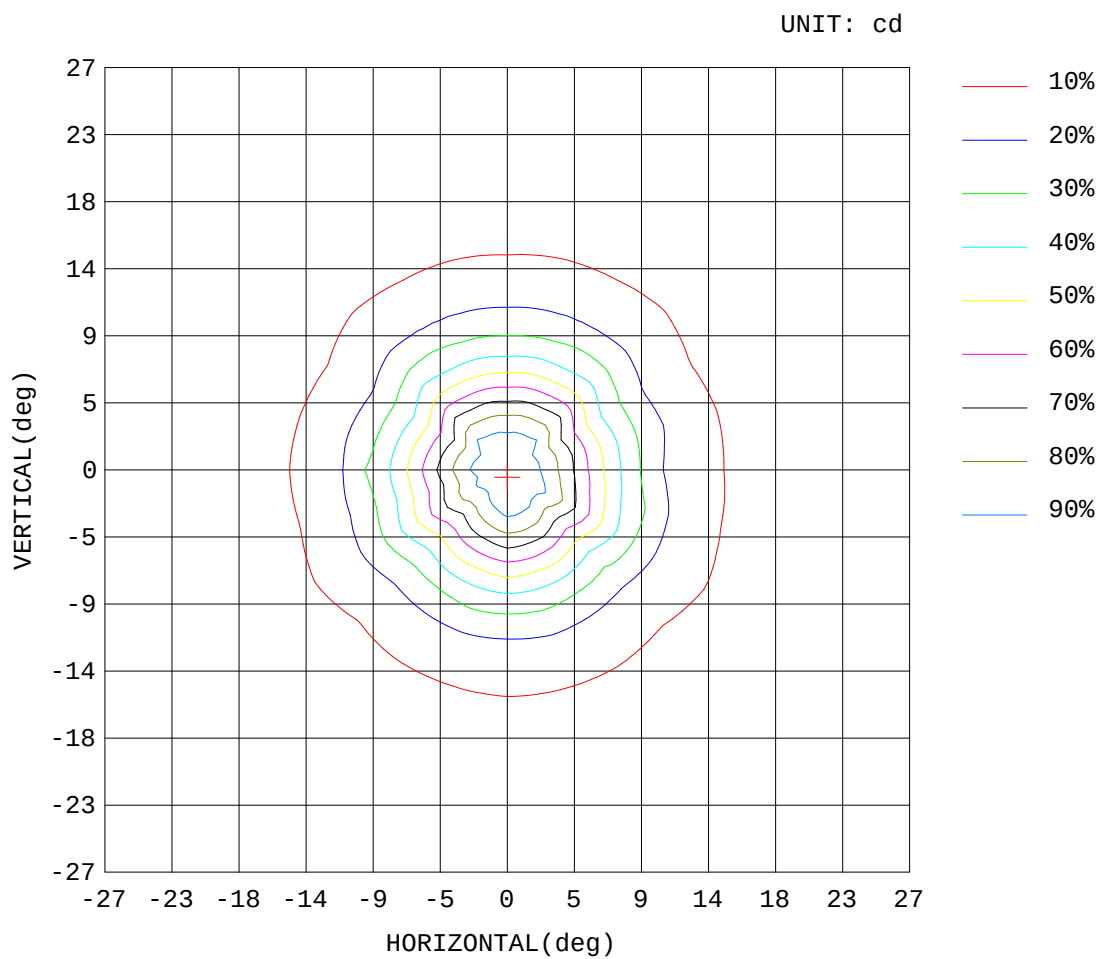
Temperature:25.3'C
Operators:
Test Date:06-09-2020

Humidity:65.0%
Test Distance:10.000 m
Remarks: 70Ra

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx2L 120W 3000K K2		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2973	DIMENSION: 521x251x40	SERIAL No.:



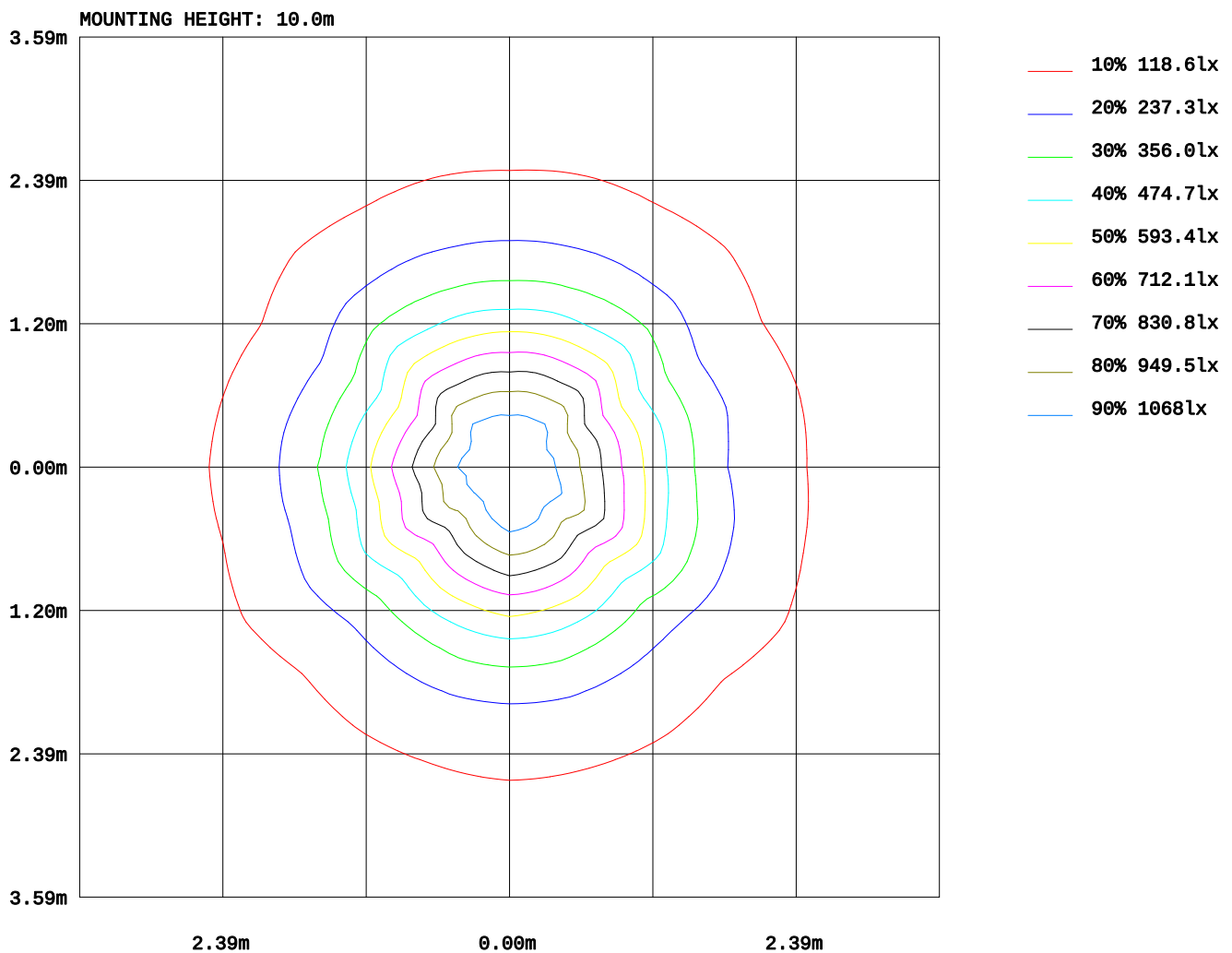
Temperature:25.3'C
Operators:
Test Date:06-09-2020

Humidity:65.0%
Test Distance:10.000 m
Remarks: 70Ra

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx2L 120W 3000K K2		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2973	DIMENSION: 521x251x40	SERIAL No.:



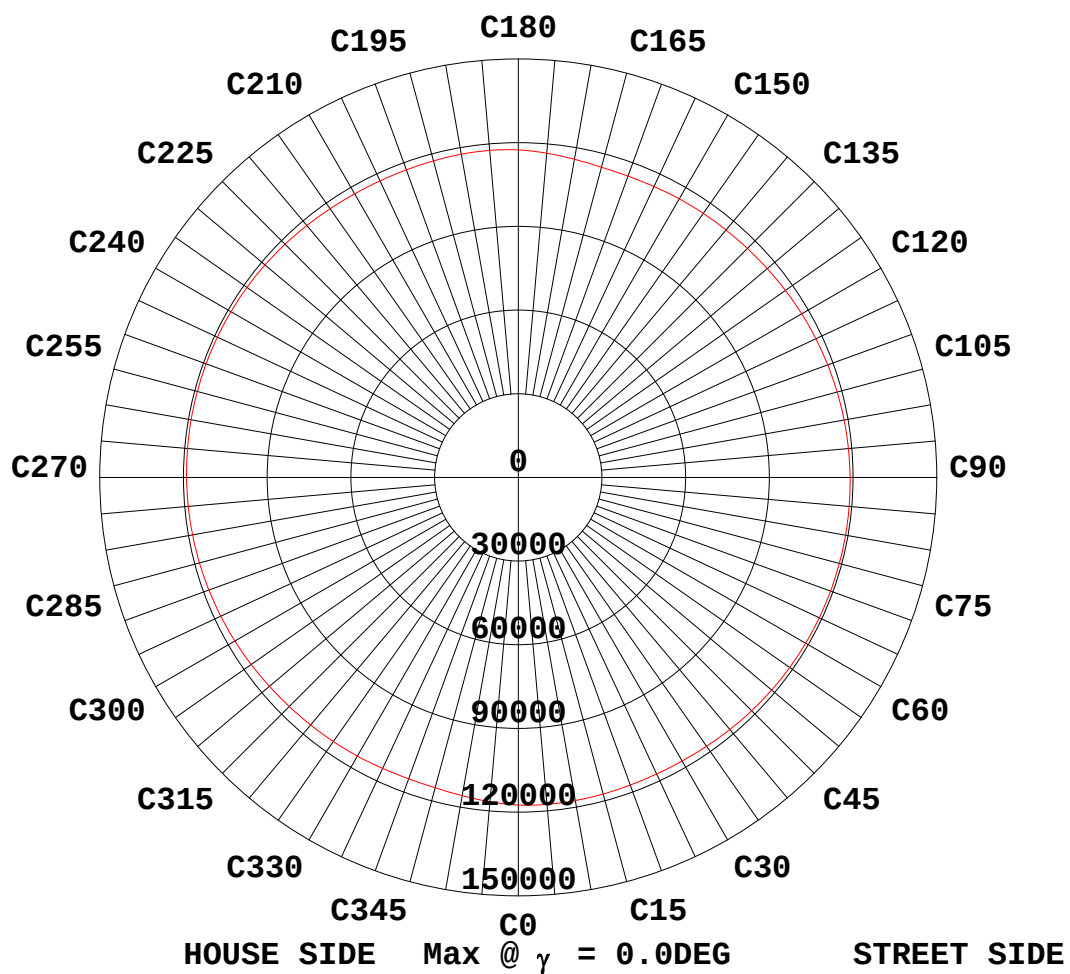
Temperature: 25.3°C
 Operators:
 Test Date: 06-09-2020

Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 70Ra

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx2L 120W 3000K K2		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2973	DIMENSION: 521x251x40	SERIAL No.:



Temperature: 25.3'C
 Operators:
 Test Date: 06-09-2020

Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 70Ra

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx2L 120W 3000K K2		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2973	DIMENSION: 521x251x40	SERIAL No.:

 UNIT: μA100cd

γ (deg) \ C(deg)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	1174	1175	1174	1183	1189	1191	1189	1183	1173	1161	1154	1151	1174	1175	1174
5.0	761	803	861	777	843	847	866	819	797	730	810	762	800	759	722
10.0	277	342	333	335	319	339	332	336	301	284	314	297	345	281	259
15.0	111	115	127	113	120	122	122	117	113	105	117	106	110	107	99.0
20.0	66.8	66.5	68.4	64.6	67.0	66.4	68.6	65.2	65.2	62.7	66.3	65.1	67.1	63.8	61.5
25.0	49.1	49.6	51.2	48.7	50.0	50.3	50.8	49.8	49.3	48.2	50.5	50.2	51.1	50.2	48.6
30.0	37.3	37.8	39.7	37.2	37.9	37.4	37.5	36.7	36.6	35.5	37.8	36.0	36.6	36.3	35.0
35.0	31.1	30.0	29.3	28.1	29.0	29.1	29.6	28.9	28.8	28.1	29.3	30.6	31.6	29.8	28.4
40.0	26.0	25.1	25.2	24.3	25.0	25.1	25.5	25.1	25.4	25.0	25.9	25.2	25.5	25.7	25.4
45.0	19.8	20.1	21.4	20.8	21.6	21.8	22.4	22.0	22.2	21.5	22.5	21.1	21.1	21.6	20.9
50.0	17.2	16.6	17.5	17.4	17.9	17.8	18.0	17.8	18.1	17.6	17.7	16.6	17.2	17.1	17.3
55.0	16.7	15.6	15.4	15.1	15.8	15.4	15.8	15.4	15.9	15.2	15.5	16.2	17.3	15.8	15.0
60.0	14.5	13.8	13.2	13.0	13.5	13.2	13.3	13.2	13.5	13.0	13.2	14.5	15.1	14.4	12.6
65.0	10.8	10.5	10.9	10.7	11.2	10.7	10.8	10.7	11.1	10.6	10.8	10.9	11.2	11.1	10.2
70.0	7.80	7.77	8.76	8.50	8.93	8.50	8.71	8.46	8.84	8.35	8.57	7.80	7.73	8.10	7.93
75.0	5.49	5.65	6.62	6.29	6.72	6.25	6.45	6.25	6.58	6.09	6.37	5.48	5.18	5.83	5.72
80.0	3.37	3.54	4.43	4.10	4.60	4.10	4.31	4.05	4.46	3.87	4.19	3.38	3.14	3.72	3.61
85.0	1.67	1.44	2.42	1.74	2.34	1.87	1.71	1.85	1.69	1.55	1.70	1.38	1.25	1.78	1.46
90.0	0.46	0.29	0.77	0.46	0.76	0.58	0.81	0.61	0.73	0.43	0.66	0.28	0.26	0.49	0.38
95.0	0.32	0.16	0.37	0.23	0.44	0.38	0.54	0.40	0.45	0.23	0.35	0.15	0.20	0.28	0.19
100.0	0.19	0.10	0.22	0.19	0.37	0.32	0.44	0.33	0.37	0.18	0.21	0.09	0.10	0.18	0.10
105.0	0.18	0.11	0.18	0.13	0.30	0.21	0.36	0.22	0.29	0.12	0.18	0.11	0.12	0.18	0.11
110.0	0.18	0.13	0.18	0.13	0.20	0.16	0.28	0.15	0.19	0.13	0.18	0.13	0.13	0.18	0.13
115.0	0.19	0.15	0.19	0.15	0.19	0.15	0.20	0.15	0.19	0.15	0.19	0.15	0.15	0.19	0.15
120.0	0.21	0.17	0.20	0.17	0.20	0.17	0.21	0.17	0.20	0.17	0.20	0.17	0.18	0.20	0.18
125.0	0.23	0.20	0.22	0.20	0.22	0.20	0.22	0.20	0.22	0.20	0.22	0.20	0.21	0.22	0.21
130.0	0.26	0.24	0.25	0.24	0.25	0.23	0.25	0.23	0.25	0.24	0.25	0.24	0.25	0.26	0.25
135.0	0.31	0.31	0.30	0.31	0.30	0.30	0.29	0.30	0.30	0.31	0.30	0.31	0.33	0.32	0.33
140.0	0.42	0.43	0.39	0.44	0.40	0.42	0.39	0.42	0.40	0.45	0.40	0.44	0.46	0.44	0.47
145.0	0.59	0.62	0.56	0.63	0.58	0.61	0.57	0.62	0.59	0.64	0.57	0.63	0.65	0.62	0.68
150.0	0.77	0.80	0.76	0.84	0.79	0.81	0.77	0.81	0.80	0.84	0.77	0.80	0.82	0.81	0.87
155.0	0.89	0.93	0.93	0.97	0.94	0.94	0.91	0.94	0.94	0.97	0.93	0.91	0.92	0.93	0.98
160.0	0.93	0.96	1.00	1.00	1.00	0.99	0.98	0.98	1.00	1.00	0.99	0.93	0.95	0.96	0.99
165.0	0.90	0.91	0.98	0.96	0.99	0.97	0.99	0.96	0.98	0.94	0.95	0.89	0.91	0.92	0.91
170.0	0.84	0.82	0.89	0.86	0.92	0.89	0.93	0.88	0.90	0.83	0.86	0.81	0.84	0.85	0.81
175.0	0.78	0.74	0.78	0.75	0.81	0.78	0.82	0.77	0.79	0.74	0.77	0.74	0.78	0.77	0.72
180.0	0.75	0.72	0.71	0.71	0.72	0.74	0.74	0.75	0.73	0.73	0.72	0.72	0.75	0.72	0.70

Temperature:25.3'C
 Operators:
 Test Date:06-09-2020

Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 70Ra

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx2L 120W 3000K K2		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2973	DIMENSION: 521x251x40	SERIAL No.:

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

γ (deg) \ C(deg)	225	240	255	270	285	300	315	330	345
0.0	1183	1189	1191	1189	1183	1173	1161	1154	1151
5.0	827	788	795	776	801	798	837	729	762
10.0	313	339	295	294	298	336	318	263	282
15.0	113	109	109	108	111	112	118	103	112
20.0	65.1	62.8	63.3	63.4	63.5	63.0	65.7	61.7	63.9
25.0	50.0	49.1	49.5	48.4	49.0	48.3	49.0	47.6	48.9
30.0	37.7	36.9	36.9	36.6	37.3	37.7	38.8	36.4	37.8
35.0	29.4	29.0	29.6	29.3	29.6	28.8	29.1	28.0	29.5
40.0	26.1	25.9	26.3	25.8	26.0	25.2	25.3	24.3	25.1
45.0	22.4	21.8	22.1	21.6	21.9	21.3	21.6	20.0	20.4
50.0	18.5	18.0	18.5	17.8	18.4	17.8	18.2	17.0	16.9
55.0	16.1	15.9	15.9	15.7	15.8	15.7	15.9	14.8	15.6
60.0	13.7	13.5	13.7	13.1	13.6	13.4	13.6	12.5	13.8
65.0	11.4	11.0	11.2	10.5	11.2	11.0	11.4	10.2	10.7
70.0	9.10	8.61	8.78	8.25	8.80	8.65	9.15	8.02	8.01
75.0	6.80	6.38	6.53	6.05	6.57	6.46	6.89	5.88	5.97
80.0	4.60	4.18	4.36	3.79	4.42	4.29	4.76	3.72	3.85
85.0	2.36	1.88	1.72	1.64	2.31	2.00	2.52	1.55	1.73
90.0	0.74	0.51	0.82	0.51	0.85	0.52	0.85	0.39	0.53
95.0	0.42	0.30	0.53	0.39	0.54	0.30	0.44	0.21	0.29
100.0	0.28	0.25	0.42	0.33	0.43	0.25	0.28	0.11	0.19
105.0	0.21	0.20	0.34	0.27	0.35	0.20	0.22	0.11	0.18
110.0	0.18	0.13	0.23	0.19	0.23	0.13	0.19	0.13	0.18
115.0	0.19	0.15	0.20	0.15	0.20	0.15	0.19	0.15	0.19
120.0	0.20	0.17	0.21	0.18	0.21	0.17	0.20	0.18	0.21
125.0	0.22	0.20	0.22	0.20	0.22	0.20	0.22	0.21	0.23
130.0	0.25	0.24	0.25	0.24	0.25	0.24	0.25	0.25	0.26
135.0	0.31	0.31	0.31	0.31	0.31	0.31	0.30	0.33	0.31
140.0	0.41	0.45	0.41	0.45	0.41	0.44	0.41	0.47	0.43
145.0	0.60	0.65	0.61	0.65	0.60	0.64	0.59	0.66	0.60
150.0	0.82	0.86	0.82	0.85	0.82	0.86	0.80	0.86	0.80
155.0	0.98	1.00	0.96	0.96	0.96	1.00	0.97	0.98	0.93
160.0	1.03	1.02	1.01	1.00	1.02	1.03	1.04	1.00	0.96
165.0	1.00	0.98	1.00	0.99	1.01	0.99	1.01	0.93	0.92
170.0	0.89	0.87	0.93	0.91	0.94	0.89	0.92	0.82	0.84
175.0	0.77	0.75	0.81	0.79	0.82	0.78	0.80	0.73	0.76
180.0	0.71	0.72	0.74	0.74	0.75	0.73	0.73	0.71	0.73

Temperature: 25.3°C
Operators:
Test Date: 06-09-2020

Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 70Ra