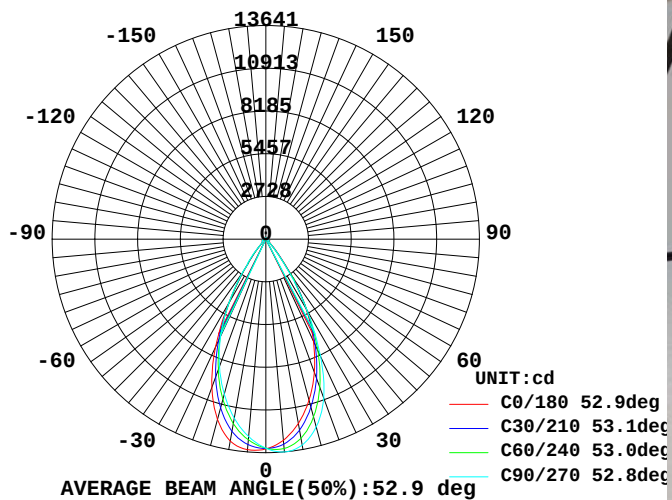


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 5000K G60 New		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5283	DIMENSION: 521x128x40	SERIAL No.:

MODEL:		Imax(cd):	13781	Effective Flux(lm):	10626.0
NOMINAL POWER(W):	60	MAXIMUM(C, γ):	315, 7.0	EEI	0.078
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm):	10626.0	η street_up(%):	0.7	Current(A)	0.278
TEST FLUX(lm):	10626.0	η street_down(%):	47.0	Power(W)	60.66
LAMPS QUANTITY:	1	η house_up(%)	0.7	Power Factor	0.989
TOTAL RADIANT(mw):	10626.0	η house_down(%)	51.7	EEFICIENCY(lm/W)	175.1



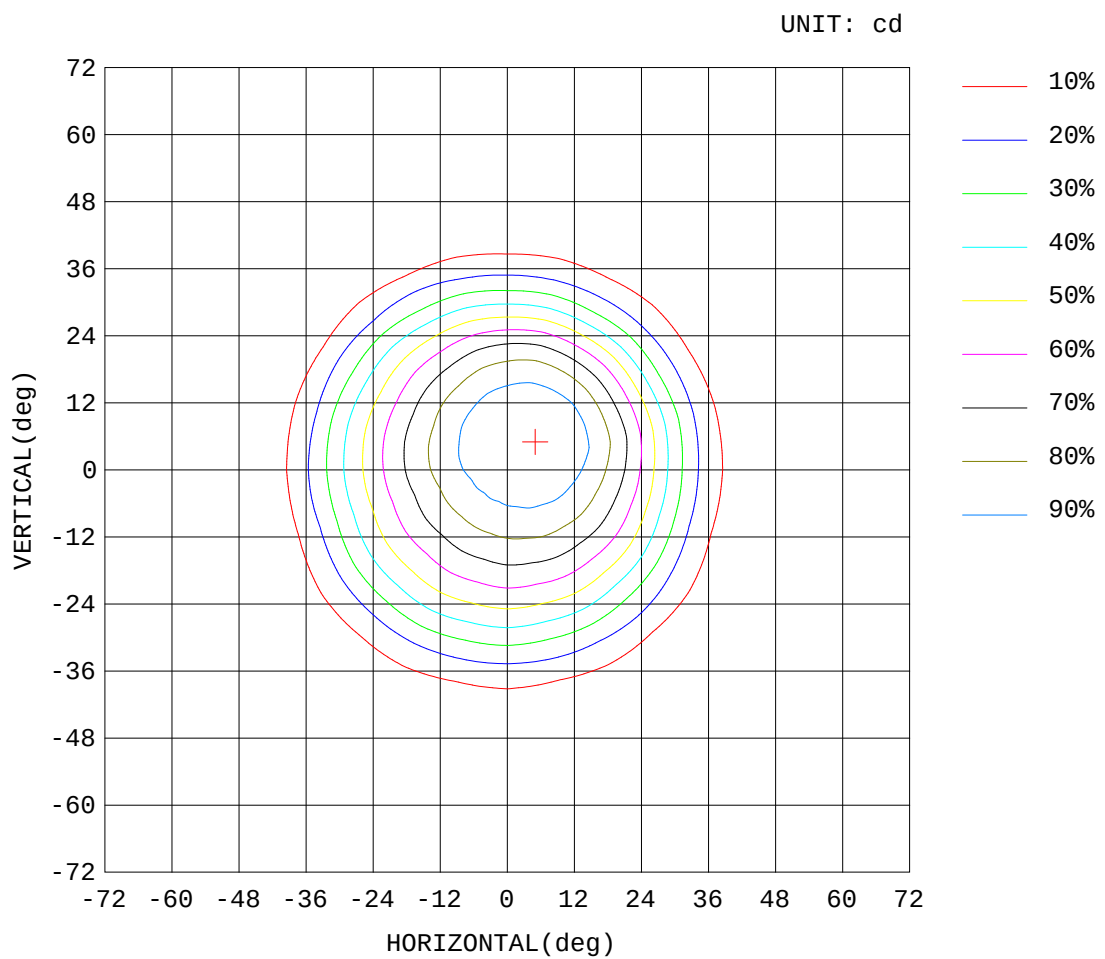
Temperature:25.3'C
 Operators:
 Test Date:17-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 70Ra 0.3%Flickering Temp 31.4C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 5000K G60 New		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5283	DIMENSION: 521x128x40	SERIAL No.:



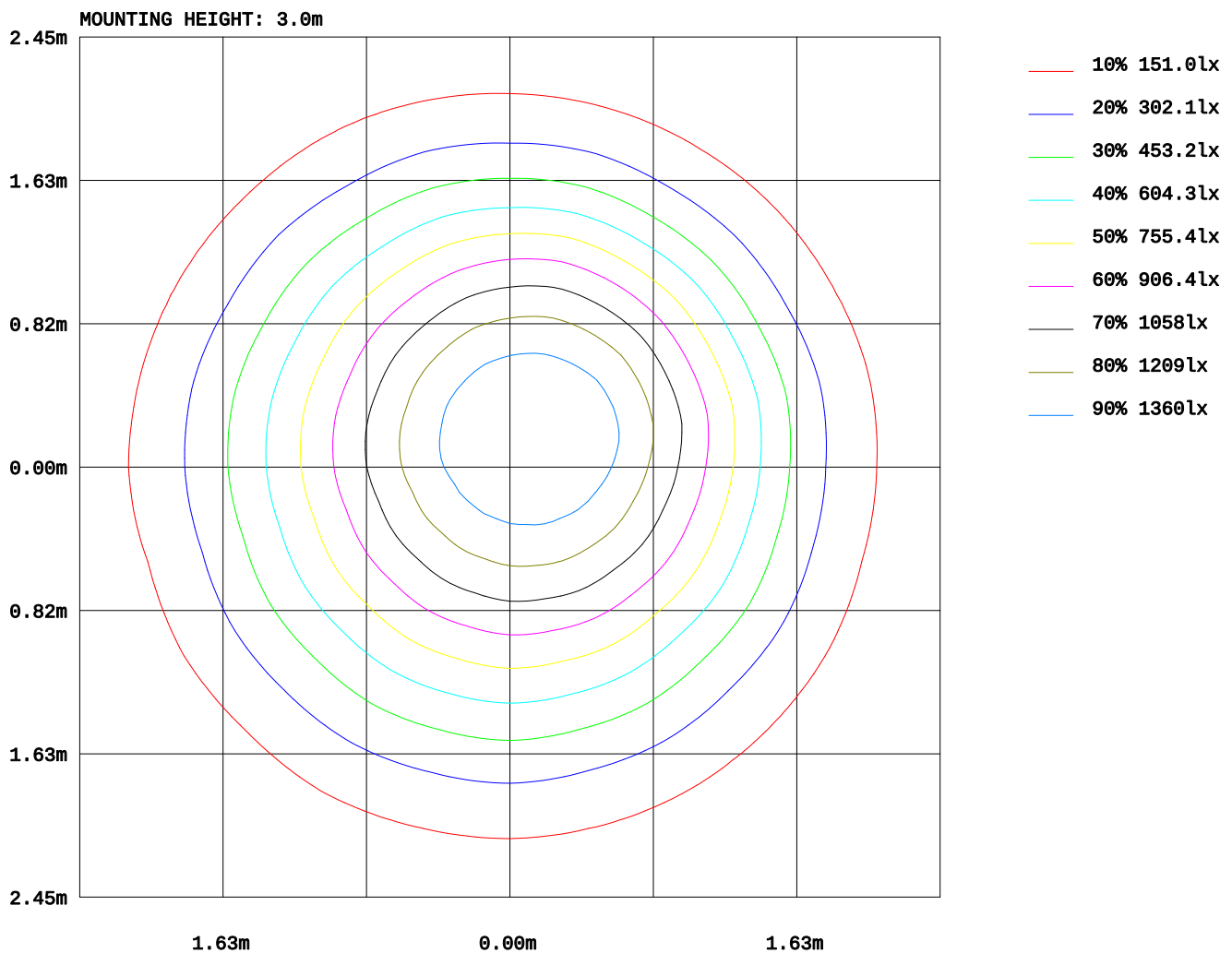
Temperature:25.3'C
Operators:
Test Date:17-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 70Ra 0.3%Flickering Temp 31.4C

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 5000K G60 New		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5283	DIMENSION: 521x128x40	SERIAL No.:



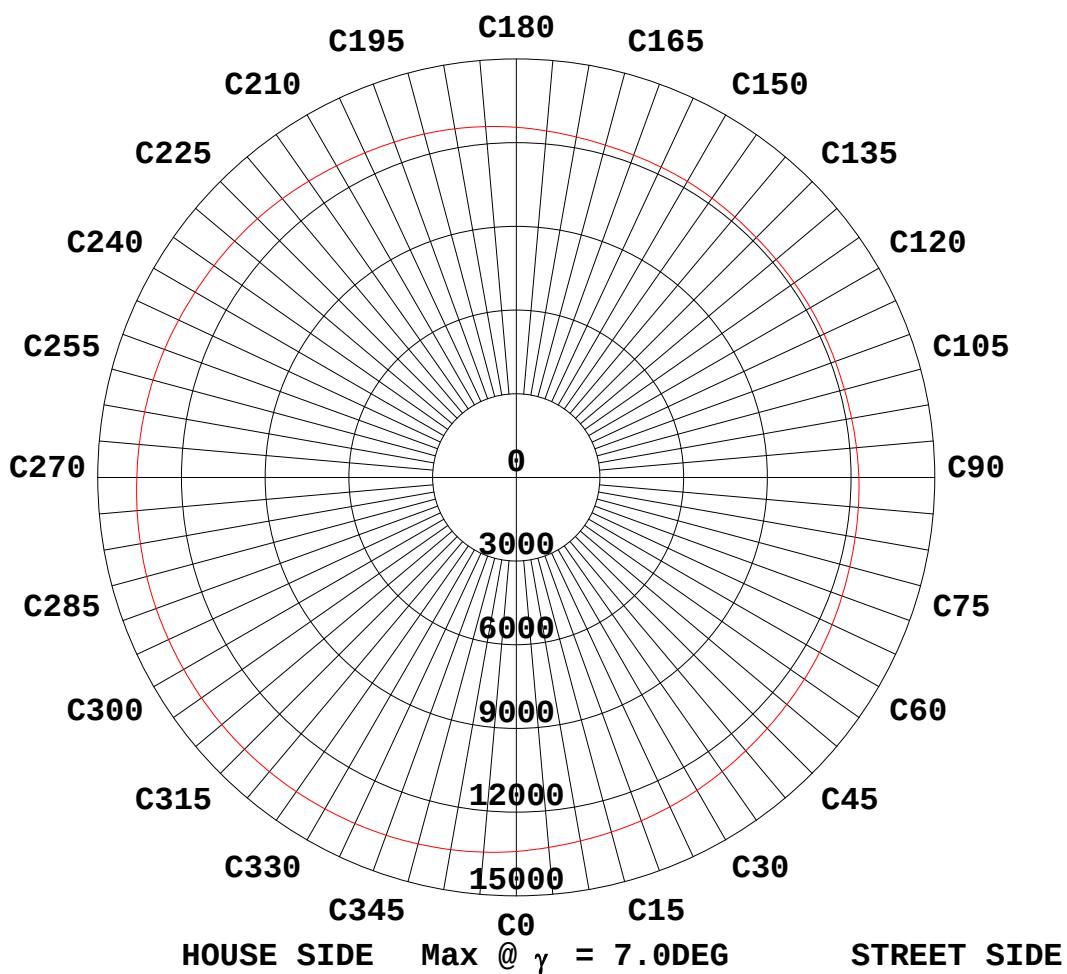
Temperature: 25.3°C
 Operators:
 Test Date: 17-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 70Ra 0.3% Flickering Temp 31.4C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 5000K G60 New		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5283	DIMENSION: 521x128x40	SERIAL No.:



Temperature: 25.3°C
 Operators:
 Test Date: 17-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 70Ra 0.3% Flickering Temp 31.4C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 5000K G60 New		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5283	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	1340	1339	1337	1335	1336	1334	1336	1334	1336	1334	1336	1335	1340	1339	1337
5.0	1350	1332	1316	1299	1286	1272	1265	1257	1258	1257	1265	1271	1290	1302	1315
10.0	1310	1273	1247	1215	1197	1171	1162	1146	1149	1144	1159	1166	1196	1218	1239
15.0	1193	1145	1117	1078	1061	1033	1026	1009	1012	1006	1023	1029	1064	1092	1110
20.0	1007	963	936	903	887	869	865	854	855	851	864	872	907	929	947
25.0	762	725	718	690	691	675	685	673	683	675	691	691	722	739	749
30.0	483	464	474	458	470	461	477	468	484	477	494	487	516	532	524
35.0	239	232	242	237	250	249	263	258	268	263	274	267	319	296	320
40.0	105	91.9	104	97.8	111	107	123	112	122	114	123	113	128	125	113
45.0	38.5	33.1	36.1	33.8	37.9	35.7	41.8	37.9	43.0	39.7	43.7	39.9	47.2	45.6	39.7
50.0	28.6	26.8	28.4	27.2	29.1	27.5	30.1	28.4	30.9	29.5	31.2	29.0	31.2	30.7	28.4
55.0	26.4	23.7	25.4	24.2	25.9	24.6	27.1	25.5	27.5	26.4	27.6	26.0	26.5	26.6	24.6
60.0	25.7	22.0	23.6	23.2	24.3	23.3	28.7	24.4	26.0	25.2	26.0	24.5	26.3	25.2	22.9
65.0	28.2	20.0	21.8	21.5	22.4	21.5	27.4	22.4	24.4	24.1	24.3	22.7	27.3	23.8	21.3
70.0	22.2	17.1	19.1	18.0	19.9	18.1	20.8	19.4	21.9	20.6	21.7	19.4	22.1	21.9	18.5
75.0	19.7	12.4	15.6	13.8	16.0	14.2	18.5	15.4	18.1	16.4	18.3	14.5	20.0	18.3	14.9
80.0	10.8	7.42	10.8	8.25	11.4	8.89	11.9	9.96	13.0	10.2	13.4	8.99	12.0	12.0	10.4
85.0	5.24	3.37	5.57	4.02	6.05	4.20	7.15	4.65	7.30	5.42	7.03	4.59	5.39	6.77	4.80
90.0	1.36	0.50	1.66	0.69	2.09	1.21	2.62	1.36	2.85	1.38	2.57	0.86	1.09	2.30	1.16
95.0	0.99	0.42	0.98	0.42	1.04	0.51	1.26	0.53	1.18	0.47	1.07	0.42	0.44	1.01	0.44
100.0	0.93	0.46	0.91	0.46	0.93	0.47	0.98	0.48	0.96	0.45	0.93	0.44	0.46	0.91	0.44
105.0	0.89	0.52	0.87	0.50	0.87	0.51	0.89	0.50	0.88	0.49	0.87	0.49	0.51	0.87	0.49
110.0	0.90	0.61	0.87	0.58	0.86	0.58	0.87	0.57	0.87	0.57	0.87	0.59	0.60	0.88	0.59
115.0	0.98	0.78	0.95	0.76	0.94	0.74	0.94	0.73	0.93	0.73	0.95	0.76	0.79	0.97	0.77
120.0	1.19	1.08	1.17	1.06	1.15	1.04	1.15	1.02	1.13	1.02	1.15	1.06	1.09	1.19	1.07
125.0	1.54	1.51	1.54	1.51	1.53	1.50	1.52	1.48	1.50	1.46	1.51	1.48	1.54	1.54	1.51
130.0	2.02	2.08	2.05	2.13	2.06	2.12	2.05	2.10	2.03	2.08	2.01	2.06	2.13	2.04	2.09
135.0	2.63	2.74	2.68	2.83	2.74	2.86	2.73	2.83	2.71	2.79	2.66	2.74	2.85	2.67	2.77
140.0	3.33	3.47	3.37	3.57	3.48	3.64	3.50	3.63	3.46	3.57	3.39	3.51	3.63	3.41	3.49
145.0	4.06	4.24	4.06	4.28	4.18	4.42	4.27	4.41	4.20	4.33	4.11	4.30	4.45	4.17	4.27
150.0	4.80	4.96	4.75	4.94	4.87	5.12	4.99	5.10	4.90	5.02	4.86	5.05	5.23	4.95	5.05
155.0	5.49	5.63	5.42	5.58	5.49	5.74	5.59	5.70	5.52	5.69	5.57	5.78	5.92	5.70	5.78
160.0	6.15	6.25	6.03	6.20	6.08	6.34	6.10	6.23	6.08	6.30	6.21	6.46	6.57	6.39	6.47
165.0	6.83	6.84	6.63	6.81	6.69	6.94	6.69	6.75	6.62	6.83	6.80	7.07	7.20	7.04	7.09
170.0	7.48	7.40	7.21	7.37	7.30	7.53	7.34	7.31	7.16	7.34	7.31	7.58	7.76	7.60	7.60
175.0	7.97	7.84	7.68	7.82	7.77	7.96	7.92	7.81	7.65	7.76	7.70	7.88	8.15	7.95	7.92
180.0	8.22	8.08	7.98	8.01	8.02	8.11	8.29	8.08	7.98	7.96	7.91	7.98	8.26	8.05	8.02

Temperature:25.3'C
Operators:
Test Date:17-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 70Ra 0.3%Flickering Temp 31.4C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 5000K G60 New		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5283	DIMENSION: 521x128x40	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	1335	1336	1334	1336	1334	1336	1334	1336	1335
5.0	1329	1342	1355	1364	1372	1374	1374	1370	1361
10.0	1268	1292	1318	1336	1352	1361	1366	1358	1342
15.0	1148	1176	1218	1241	1270	1277	1287	1268	1246
20.0	980	1008	1051	1082	1110	1109	1106	1085	1063
25.0	773	788	816	830	849	844	842	821	806
30.0	540	529	542	529	539	520	528	507	513
35.0	287	321	278	266	269	254	259	249	257
40.0	116	107	112	106	106	96.2	102	95.5	104
45.0	42.5	37.4	40.2	36.4	38.2	34.1	37.4	33.9	37.8
50.0	30.0	27.6	28.7	27.0	27.8	27.0	28.1	27.0	27.9
55.0	26.2	23.9	25.4	23.9	24.6	23.0	24.9	23.0	24.9
60.0	24.7	22.4	23.7	23.6	21.6	21.5	23.4	21.3	19.6
65.0	23.5	20.7	22.1	23.5	21.5	19.6	21.9	19.5	21.7
70.0	20.6	17.9	19.4	18.0	18.5	16.7	19.0	16.7	19.4
75.0	17.1	14.1	16.2	14.4	15.3	13.0	15.5	13.2	15.3
80.0	11.4	9.53	10.8	8.55	10.0	8.41	9.71	8.45	9.59
85.0	6.58	4.52	5.71	4.18	5.17	3.63	5.34	3.60	5.20
90.0	2.57	1.32	2.39	1.04	2.12	0.86	1.87	0.70	1.66
95.0	1.10	0.54	1.19	0.60	1.16	0.48	1.03	0.43	0.98
100.0	0.95	0.50	1.00	0.54	0.99	0.48	0.92	0.46	0.91
105.0	0.87	0.51	0.90	0.54	0.89	0.52	0.87	0.51	0.87
110.0	0.87	0.58	0.88	0.60	0.87	0.59	0.86	0.59	0.88
115.0	0.96	0.76	0.95	0.76	0.95	0.75	0.95	0.76	0.96
120.0	1.17	1.05	1.16	1.05	1.14	1.04	1.14	1.05	1.17
125.0	1.53	1.48	1.50	1.47	1.49	1.45	1.49	1.47	1.52
130.0	2.03	2.05	1.98	2.02	1.96	2.02	1.97	2.05	2.01
135.0	2.65	2.73	2.59	2.70	2.57	2.69	2.59	2.72	2.62
140.0	3.34	3.44	3.29	3.43	3.27	3.40	3.28	3.44	3.33
145.0	4.04	4.20	4.02	4.21	3.99	4.15	3.98	4.19	4.07
150.0	4.78	4.94	4.75	4.96	4.74	4.90	4.71	4.95	4.83
155.0	5.50	5.63	5.45	5.64	5.47	5.62	5.44	5.66	5.54
160.0	6.17	6.31	6.10	6.34	6.17	6.34	6.14	6.33	6.17
165.0	6.83	6.96	6.76	6.95	6.90	7.02	6.81	6.93	6.77
170.0	7.39	7.50	7.37	7.69	7.52	7.58	7.38	7.42	7.30
175.0	7.81	7.88	7.83	8.16	7.94	7.92	7.77	7.78	7.71
180.0	7.99	8.04	8.09	8.30	8.05	7.99	7.92	7.92	7.96

Temperature: 25.3°C
 Operators:
 Test Date: 17-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 70Ra 0.3% Flickering Temp 31.4C