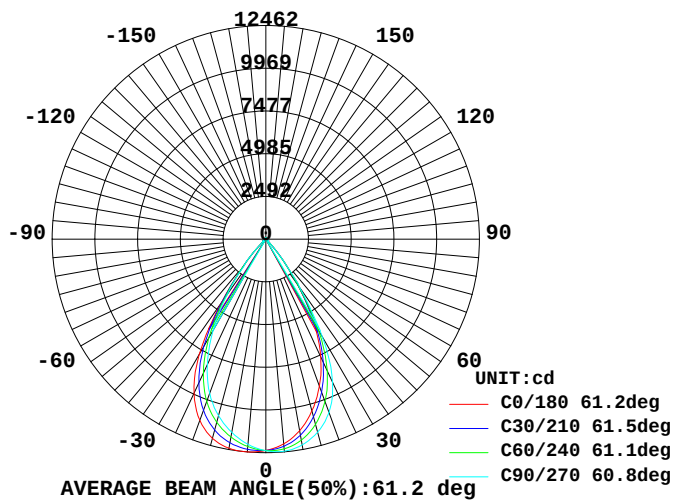


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 60 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4982	DIMENSION: 521x128x40	SERIAL No.:

MODEL:		Imax(cd):	12549	Effective Flux(lm):	11685.0
NOMINAL POWER(W):	60	MAXIMUM(C, γ):	315, 7.0	EEI	0.071
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm):	11685.0	η street_up(%):	0.6	Current(A)	0.280
TEST FLUX(lm):	11685.0	η street_down(%):	49.1	Power(W)	60.54
LAMPS QUANTITY:	1	η house_up(%)	0.7	Power Factor	0.978
TOTAL RADIANT(mw):	11685.0	η house_down(%)	49.5	EEFICIENCY(lm/W)	193.0



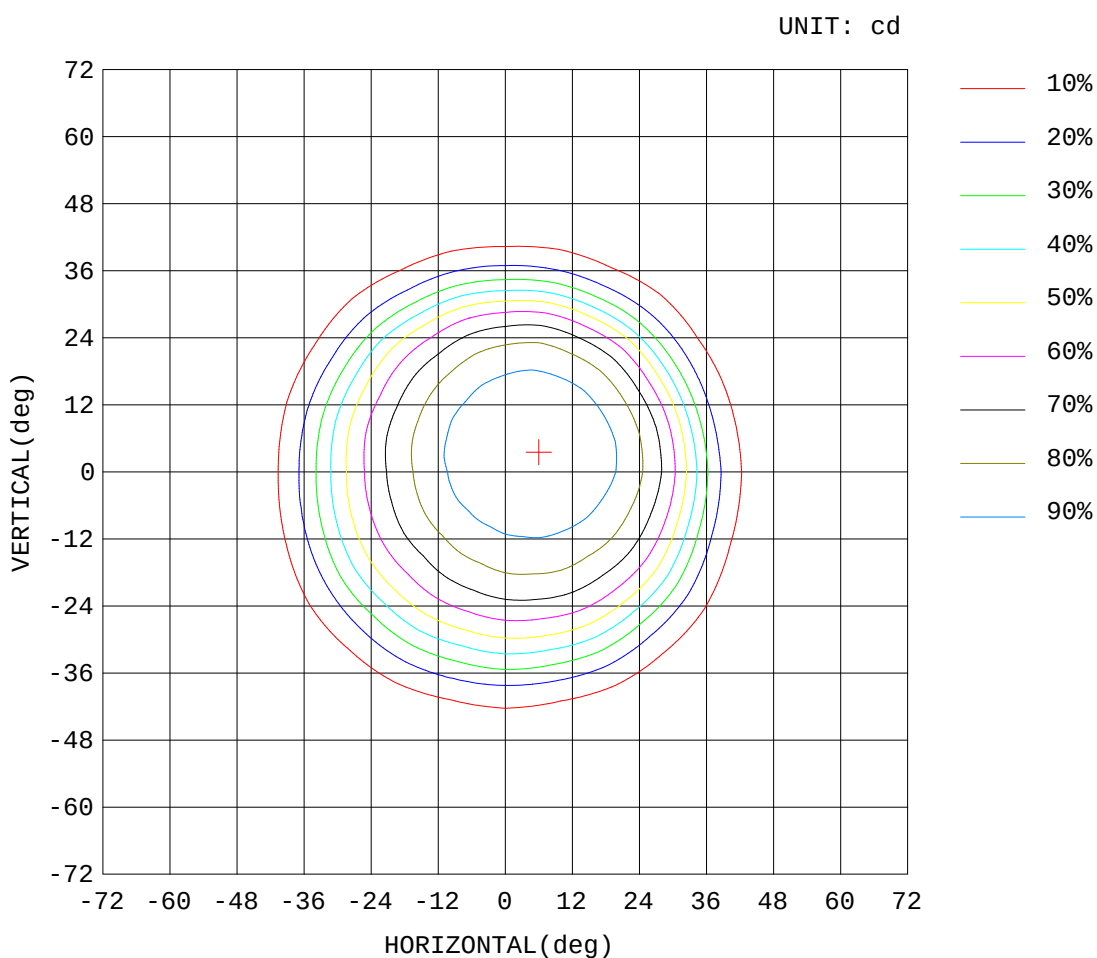
Temperature: 25.3°C
 Operators:
 Test Date: 27-10-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 72Ra. 0.2% Flickering. Temp 39.2

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 60 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4982	DIMENSION: 521x128x40	SERIAL No.:



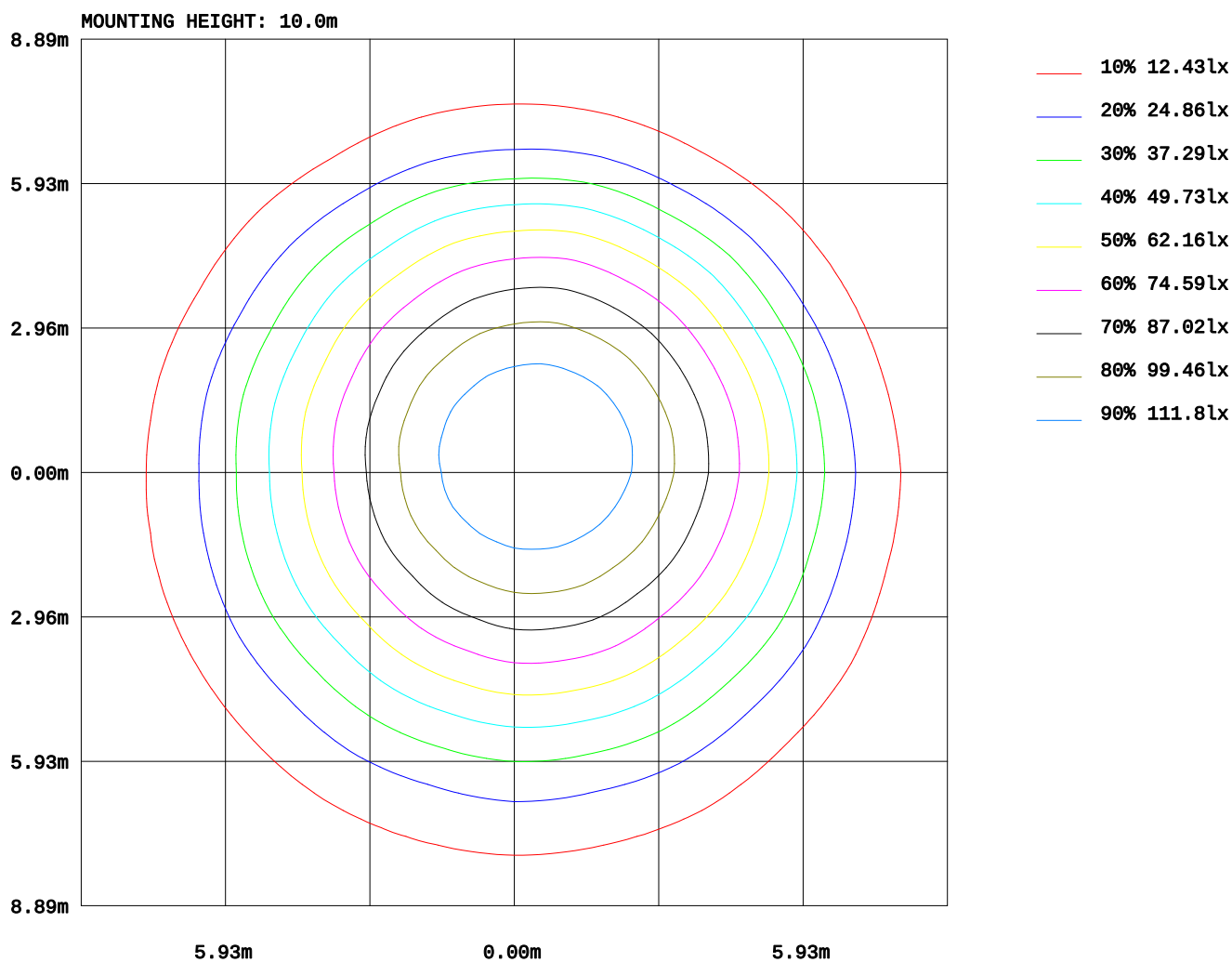
Temperature:25.3'C
Operators:
Test Date:27-10-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 72Ra. 0.2% Flickering. Temp 39.2

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 60 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4982	DIMENSION: 521x128x40	SERIAL No.:



Temperature: 25.3°C
Operators:
Test Date: 27-10-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 72Ra. 0.2% Flickering. Temp 39.2

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 60 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4982	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	1233	1234	1233	1233	1233	1233	1235	1234	1235	1235	1236	1235	1233	1234	1233
5.0	1246	1238	1231	1221	1214	1206	1201	1195	1194	1192	1196	1197	1199	1207	1213
10.0	1239	1222	1206	1186	1172	1155	1144	1132	1127	1122	1127	1130	1135	1150	1162
15.0	1203	1177	1153	1126	1107	1083	1067	1047	1037	1026	1030	1033	1038	1061	1073
20.0	1125	1090	1062	1029	1007	978	958	931	919	904	907	907	914	936	952
25.0	990	953	924	886	862	828	808	780	770	754	758	756	760	782	793
30.0	779	746	726	688	667	632	617	592	588	572	575	566	556	579	578
35.0	452	439	441	419	417	395	392	371	368	351	352	338	327	332	321
40.0	199	189	196	189	196	189	197	178	180	163	168	152	145	146	131
45.0	56.6	50.0	55.8	50.0	56.8	50.5	56.5	46.4	49.3	40.9	43.1	37.1	33.8	36.3	33.0
50.0	24.2	21.1	24.0	21.3	24.0	21.0	23.9	20.6	19.0	20.5	19.0	20.0	19.9	19.5	19.4
55.0	19.8	17.6	19.7	17.7	19.7	17.3	19.3	17.1	19.2	17.2	18.9	16.8	17.3	18.5	16.9
60.0	19.4	16.9	18.1	16.5	17.8	16.2	17.9	16.1	17.5	16.2	17.4	16.5	17.1	17.7	16.1
65.0	21.6	16.4	17.3	15.8	17.0	15.5	17.7	15.5	16.9	15.6	16.8	15.6	19.8	17.3	15.3
70.0	18.0	14.9	16.1	14.4	15.7	14.0	17.2	14.1	15.6	14.1	15.6	14.3	15.0	16.0	13.9
75.0	16.0	11.0	14.2	12.3	13.6	11.7	14.1	11.7	13.3	11.6	13.4	9.92	13.3	12.4	11.1
80.0	8.75	6.04	10.4	6.85	10.0	7.56	9.87	7.40	9.65	6.44	9.70	5.48	5.97	7.18	7.11
85.0	4.97	2.92	5.04	3.26	5.15	3.27	5.00	3.08	4.90	3.00	4.59	2.61	2.41	3.64	2.36
90.0	1.42	0.70	1.76	0.82	1.85	1.00	1.82	0.95	1.80	0.81	1.64	0.61	0.54	1.33	0.61
95.0	1.05	0.47	1.04	0.45	1.02	0.43	1.02	0.44	1.03	0.48	1.06	0.51	0.52	1.03	0.49
100.0	0.96	0.48	0.93	0.46	0.90	0.44	0.88	0.45	0.92	0.50	0.95	0.52	0.56	0.93	0.51
105.0	0.92	0.53	0.88	0.51	0.85	0.49	0.84	0.50	0.87	0.54	0.91	0.59	0.62	0.91	0.57
110.0	0.92	0.63	0.89	0.61	0.86	0.59	0.85	0.61	0.89	0.67	0.95	0.74	0.76	0.97	0.71
115.0	1.04	0.85	1.01	0.82	0.98	0.80	0.97	0.84	1.03	0.93	1.11	1.01	1.06	1.16	0.99
120.0	1.30	1.18	1.27	1.17	1.25	1.17	1.27	1.23	1.35	1.34	1.45	1.42	1.53	1.51	1.43
125.0	1.69	1.66	1.68	1.68	1.68	1.71	1.73	1.80	1.84	1.93	1.96	2.01	2.13	2.03	2.02
130.0	2.20	2.27	2.22	2.33	2.26	2.39	2.34	2.50	2.48	2.66	2.60	2.70	2.87	2.69	2.73
135.0	2.83	2.93	2.86	3.04	2.96	3.14	3.07	3.28	3.23	3.43	3.32	3.46	3.68	3.41	3.50
140.0	3.53	3.67	3.55	3.76	3.70	3.95	3.87	4.10	3.99	4.19	4.05	4.26	4.49	4.20	4.25
145.0	4.25	4.42	4.23	4.47	4.42	4.74	4.65	4.88	4.70	4.90	4.76	5.02	5.27	4.98	5.01
150.0	4.96	5.13	4.93	5.16	5.10	5.44	5.36	5.56	5.38	5.58	5.48	5.75	5.99	5.70	5.76
155.0	5.65	5.84	5.64	5.87	5.78	6.12	5.98	6.17	6.02	6.27	6.19	6.46	6.62	6.42	6.47
160.0	6.37	6.56	6.33	6.61	6.48	6.86	6.61	6.81	6.63	6.95	6.86	7.20	7.31	7.13	7.17
165.0	7.19	7.31	7.10	7.38	7.26	7.62	7.40	7.52	7.35	7.63	7.58	7.92	8.02	7.83	7.86
170.0	8.03	8.05	7.87	8.12	8.02	8.34	8.21	8.24	8.05	8.30	8.25	8.55	8.70	8.46	8.46
175.0	8.71	8.64	8.48	8.67	8.62	8.85	8.88	8.80	8.65	8.79	8.74	8.94	9.11	8.87	8.85
180.0	9.12	8.97	8.88	8.93	8.94	9.03	9.24	9.07	8.97	8.97	8.96	9.01	9.16	8.95	8.92

Temperature:25.3'C
 Operators:
 Test Date:27-10-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 72Ra. 0.2% Flickering. Temp 39.2

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 60 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4982	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	1233	1233	1233	1235	1234	1235	1235	1236	1235
5.0	1221	1228	1236	1242	1248	1250	1253	1253	1251
10.0	1179	1191	1208	1219	1233	1240	1249	1250	1248
15.0	1100	1118	1148	1166	1189	1198	1213	1214	1216
20.0	983	1009	1049	1077	1107	1118	1132	1135	1138
25.0	823	848	892	923	961	972	990	992	1000
30.0	608	612	651	662	709	718	756	755	777
35.0	329	324	341	343	365	371	399	408	432
40.0	138	127	139	136	148	143	161	160	180
45.0	33.6	32.7	33.7	32.1	35.6	33.1	40.2	37.5	48.6
50.0	20.8	19.4	20.9	19.5	20.8	19.8	19.1	20.3	18.9
55.0	18.8	17.1	18.9	17.3	19.1	17.6	19.6	17.8	19.5
60.0	17.7	16.4	18.0	17.2	18.2	16.9	18.5	17.0	18.4
65.0	16.9	15.5	17.2	18.1	17.5	16.1	18.0	16.4	18.0
70.0	15.5	13.9	15.7	14.4	15.9	14.4	16.4	14.8	16.7
75.0	13.0	10.9	13.0	10.4	13.2	11.4	14.0	12.1	13.5
80.0	7.15	6.67	7.79	5.56	8.27	7.19	7.79	7.98	7.96
85.0	3.70	2.26	3.55	2.32	3.75	2.47	4.16	2.82	4.08
90.0	1.39	0.63	1.46	0.62	1.50	0.65	1.49	0.65	1.48
95.0	0.98	0.45	0.94	0.39	0.94	0.43	1.00	0.47	1.02
100.0	0.90	0.46	0.86	0.43	0.87	0.45	0.91	0.48	0.92
105.0	0.87	0.52	0.83	0.49	0.83	0.51	0.86	0.53	0.88
110.0	0.92	0.65	0.87	0.62	0.86	0.63	0.89	0.65	0.91
115.0	1.09	0.91	1.03	0.86	1.01	0.86	1.04	0.88	1.05
120.0	1.41	1.32	1.32	1.24	1.29	1.23	1.31	1.25	1.32
125.0	1.92	1.87	1.79	1.76	1.73	1.74	1.74	1.74	1.74
130.0	2.56	2.57	2.40	2.43	2.31	2.37	2.31	2.36	2.29
135.0	3.27	3.32	3.08	3.17	2.97	3.09	2.94	3.05	2.93
140.0	4.00	4.06	3.83	3.94	3.71	3.79	3.62	3.76	3.64
145.0	4.71	4.81	4.57	4.71	4.44	4.53	4.32	4.50	4.39
150.0	5.41	5.53	5.28	5.43	5.14	5.26	5.01	5.24	5.11
155.0	6.12	6.22	5.97	6.10	5.87	5.99	5.73	5.96	5.83
160.0	6.84	6.93	6.66	6.84	6.65	6.76	6.49	6.72	6.55
165.0	7.54	7.65	7.39	7.65	7.45	7.55	7.28	7.48	7.28
170.0	8.21	8.33	8.13	8.46	8.23	8.30	8.05	8.20	8.02
175.0	8.71	8.80	8.71	9.05	8.80	8.83	8.65	8.74	8.61
180.0	8.91	8.97	9.01	9.27	9.04	9.00	8.94	8.97	8.98

Temperature: 25.3°C
 Operators:
 Test Date: 27-10-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 72Ra. 0.2% Flickering. Temp 39.2