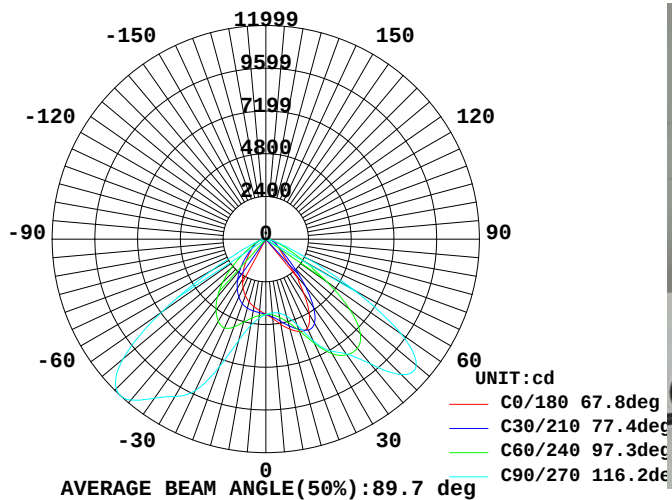


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 100W SH 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4759	DIMENSION:	SERIAL No.:

MODEL:		Imax(cd):	13586	Effective Flux(lm):	15807.9
NOMINAL POWER(W):	100	MAXIMUM(C, γ):	105, 42.0	EEI	0.086
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.1
NOMINAL FLUX(lm):	15807.9	η street_up(%):	0.6	Current(A)	0.468
TEST FLUX(lm):	15807.9	η street_down(%):	50.3	Power(W)	100.1
LAMPS QUANTITY:	1	η house_up(%)	0.6	Power Factor	0.972
TOTAL RADIANT(mw):	15807.9	η house_down(%)	48.5	EEFICIENCY(lm/W)	157.8



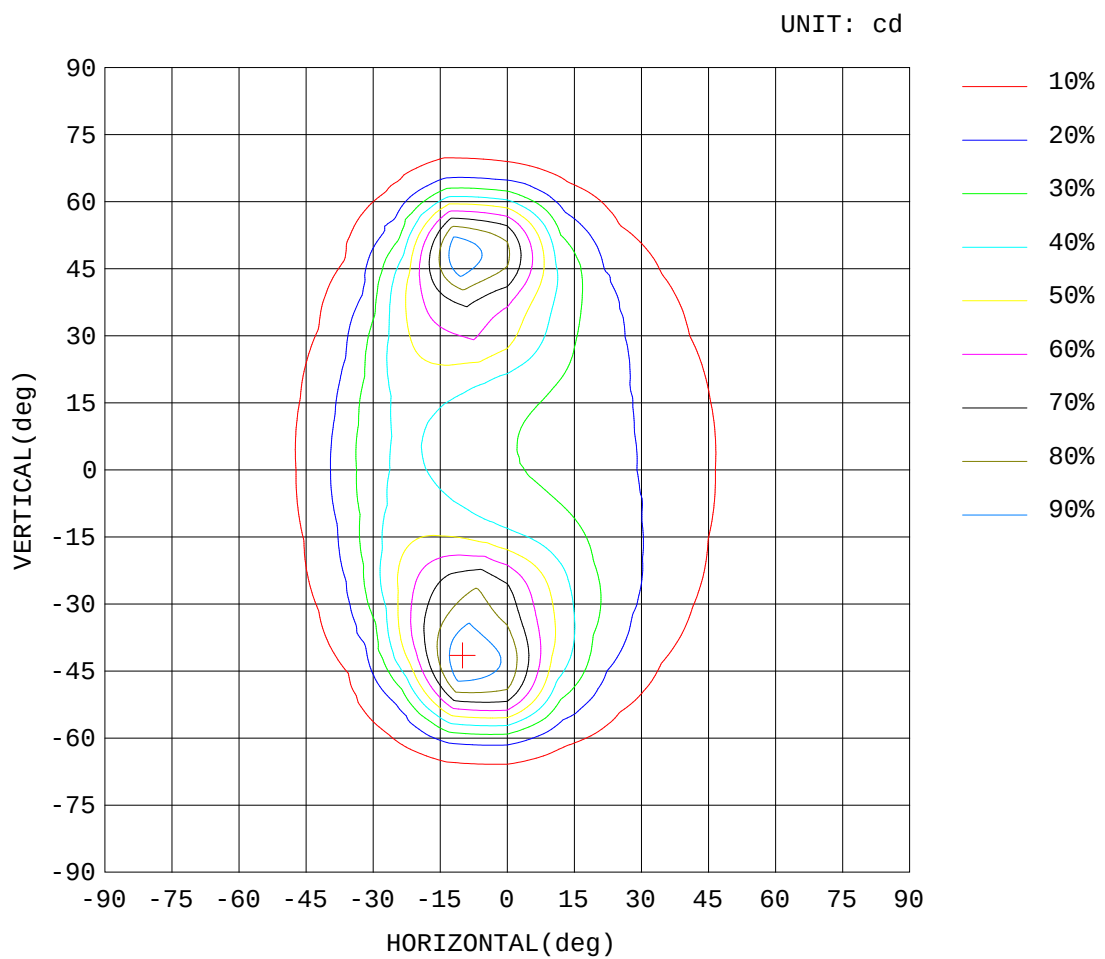
Test System:
 Temperature: 25.3°C
 Operators:
 Test Date: 05-26-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 69Ra, 0.6% Flickering

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 100W SH 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4759	DIMENSION:	SERIAL No.:



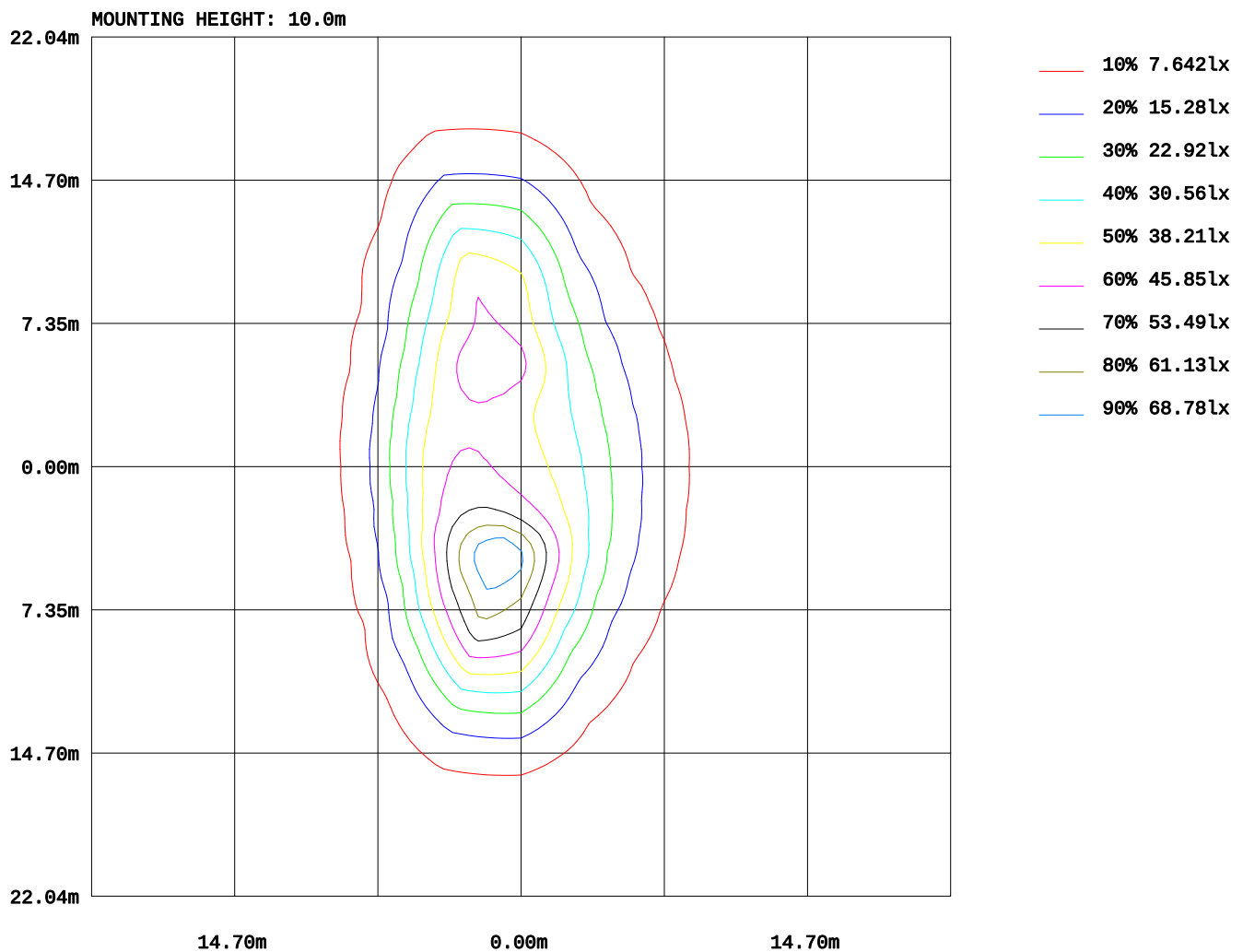
Test System:
Temperature:25.3'C
Operators:
Test Date:05-26-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 69Ra, 0.6%Flickering

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 100W SH 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4759	DIMENSION:	SERIAL No.:



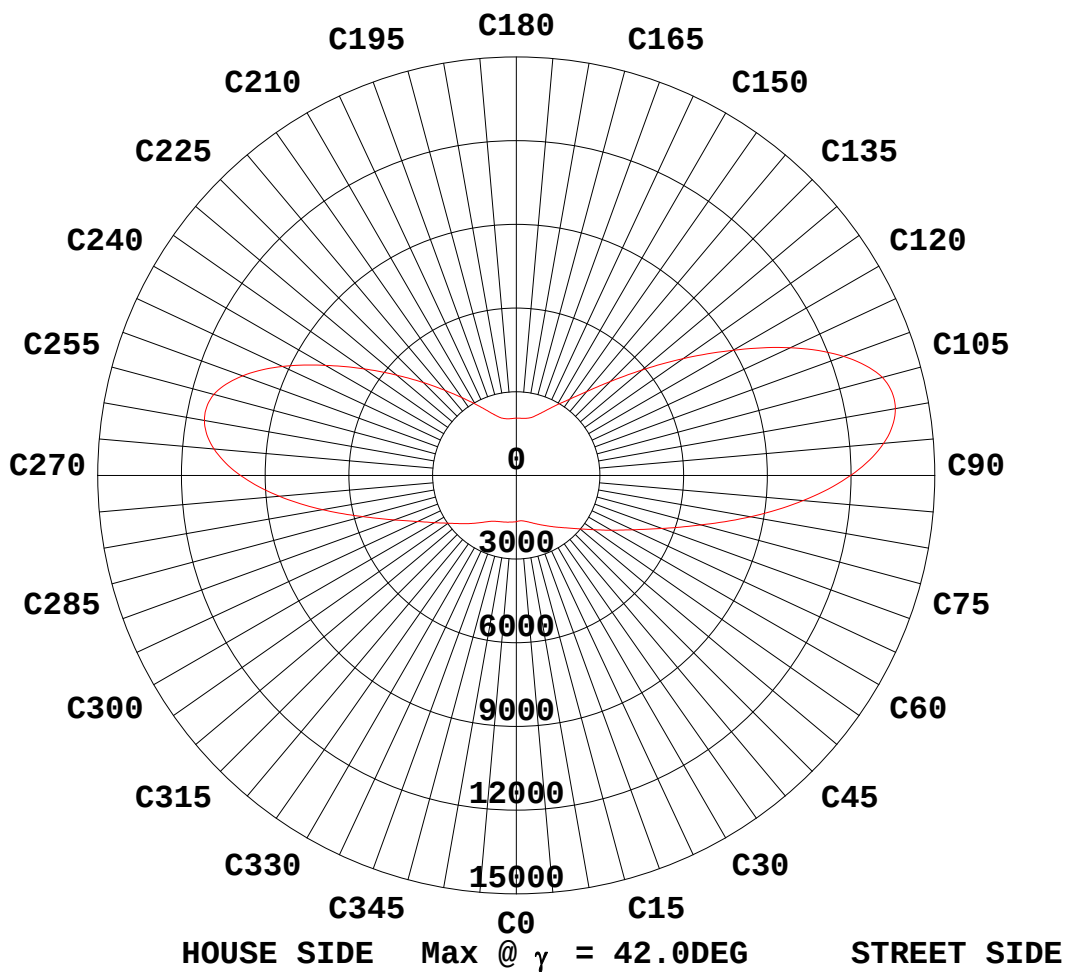
Test System:
 Temperature: 25.3°C
 Operators:
 Test Date: 05-26-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 69Ra, 0.6% Flickering

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 100W SH 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4759	DIMENSION:	SERIAL No.:



Test System:
 Temperature: 25.3°C
 Operators:
 Test Date: 05-26-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 69Ra, 0.6% Flickering

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 100W SH 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4759	DIMENSION:	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	422	421	423	423	424	424	424	424	423	423	422	422	422	421	423
5.0	403	407	415	422	431	440	447	453	454	457	454	453	448	443	439
10.0	386	393	409	427	450	473	493	506	509	509	501	495	486	476	468
15.0	365	376	401	434	483	540	589	614	604	582	556	537	523	512	504
20.0	338	351	386	437	525	648	762	817	753	670	604	570	552	544	539
25.0	303	318	359	423	550	733	938	1029	917	751	629	570	552	552	564
30.0	263	278	321	392	533	753	1021	1133	993	773	593	507	490	505	547
35.0	222	233	277	347	488	743	1090	1219	997	696	488	386	373	397	467
40.0	181	190	225	292	424	712	1180	1336	945	546	347	259	250	275	347
45.0	145	149	178	228	343	625	1188	1334	792	371	214	165	160	176	225
50.0	117	118	135	167	258	485	1049	1128	560	223	145	116	114	122	144
55.0	96.8	96.1	103	119	177	325	715	762	326	139	103	90.2	90.9	94.7	103
60.0	82.8	79.6	81.4	85.4	114	186	349	378	182	93.7	79.6	74.2	76.8	77.8	78.8
65.0	73.4	66.4	66.6	64.0	75.9	101	155	159	109	68.0	64.3	62.4	65.1	65.7	63.0
70.0	62.4	51.8	53.0	48.4	52.5	59.3	77.1	78.4	68.8	50.9	52.2	51.3	54.9	54.9	50.8
75.0	46.1	35.5	39.2	33.4	36.2	36.0	43.6	44.0	44.9	36.9	40.7	38.5	39.2	42.0	39.4
80.0	32.4	20.8	25.0	17.2	17.7	19.5	24.2	22.9	27.8	21.7	28.2	30.1	31.8	33.1	29.5
85.0	15.7	8.46	11.5	6.96	11.0	7.52	11.3	9.63	14.2	10.3	15.4	11.5	14.3	18.2	13.3
90.0	1.95	0.64	2.34	0.93	3.09	1.69	3.08	1.87	3.70	1.57	4.07	1.41	1.43	5.72	2.65
95.0	1.50	0.63	1.49	0.90	2.03	1.60	2.35	1.14	1.73	0.67	1.51	0.61	0.64	1.56	0.62
100.0	1.41	0.76	1.47	1.23	2.36	2.21	2.74	1.60	1.77	0.83	1.43	0.72	0.76	1.45	0.76
105.0	1.41	0.93	1.60	1.70	2.85	2.86	3.25	2.15	1.96	1.04	1.44	0.86	0.90	1.45	0.92
110.0	1.50	1.17	1.84	2.27	3.38	3.47	3.77	2.74	2.26	1.30	1.52	1.02	1.06	1.50	1.13
115.0	1.69	1.50	2.22	2.84	3.91	3.95	4.24	3.27	2.63	1.60	1.65	1.20	1.25	1.61	1.38
120.0	1.99	1.92	2.68	3.40	4.32	4.25	4.58	3.72	3.03	1.93	1.82	1.42	1.48	1.78	1.67
125.0	2.39	2.41	3.17	3.89	4.58	4.40	4.75	4.01	3.38	2.29	2.05	1.68	1.74	1.99	2.01
130.0	2.86	2.92	3.66	4.30	4.76	4.49	4.81	4.21	3.68	2.63	2.30	1.95	2.03	2.24	2.36
135.0	3.35	3.43	4.11	4.66	4.96	4.63	4.84	4.33	3.93	2.95	2.57	2.26	2.34	2.53	2.74
140.0	3.82	3.91	4.48	4.93	5.17	4.86	4.95	4.48	4.12	3.25	2.85	2.58	2.66	2.85	3.12
145.0	4.27	4.32	4.78	5.13	5.40	5.19	5.20	4.71	4.29	3.51	3.14	2.91	3.00	3.18	3.48
150.0	4.65	4.67	5.03	5.29	5.62	5.55	5.51	4.96	4.47	3.78	3.45	3.29	3.37	3.55	3.83
155.0	4.96	4.97	5.23	5.44	5.80	5.79	5.70	5.14	4.66	4.08	3.77	3.71	3.79	3.93	4.18
160.0	5.27	5.25	5.44	5.56	5.90	5.87	5.78	5.23	4.84	4.38	4.14	4.15	4.26	4.32	4.50
165.0	5.61	5.51	5.62	5.66	5.91	5.82	5.79	5.31	5.03	4.71	4.53	4.62	4.76	4.72	4.81
170.0	5.89	5.68	5.75	5.70	5.88	5.76	5.80	5.42	5.25	5.09	4.95	5.10	5.26	5.08	5.13
175.0	6.03	5.73	5.78	5.70	5.84	5.74	5.87	5.60	5.53	5.45	5.38	5.50	5.66	5.42	5.40
180.0	5.94	5.67	5.68	5.64	5.78	5.78	6.00	5.84	5.83	5.79	5.78	5.82	5.93	5.68	5.62

Test System:
Temperature:25.3'C
Operators:
Test Date:05-26-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 69Ra, 0.6%Flickering

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 100W SH 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4759	DIMENSION:	SERIAL No.:

UNIT: μA10cd

γ (deg) \ C(deg)	225	240	255	270	285	300	315	330	345
0.0	423	424	424	424	424	423	423	422	422
5.0	433	428	421	416	411	406	403	400	401
10.0	456	447	433	422	410	398	390	383	383
15.0	494	484	467	448	422	398	380	366	362
20.0	540	548	543	512	457	405	370	345	337
25.0	591	646	683	630	513	414	356	319	305
30.0	628	743	816	724	554	411	333	287	268
35.0	611	793	896	788	562	391	301	248	228
40.0	523	801	1035	914	569	358	262	208	189
45.0	387	752	1257	1075	560	309	216	166	151
50.0	249	617	1321	1102	489	245	167	129	122
55.0	157	422	1116	929	366	179	124	100	100
60.0	106	244	705	573	237	119	91.1	80.4	83.9
65.0	76.3	143	326	260	137	78.1	69.2	65.6	71.4
70.0	57.2	87.3	145	117	79.6	53.4	53.4	52.4	58.6
75.0	42.0	52.9	71.5	58.1	47.3	36.2	39.0	38.3	41.9
80.0	27.9	31.3	37.7	31.9	27.9	20.6	23.2	22.9	28.4
85.0	16.6	13.8	18.0	11.4	15.0	9.33	12.3	9.63	15.5
90.0	4.85	2.68	6.15	1.97	4.45	1.82	2.87	1.11	2.78
95.0	1.61	0.78	2.14	1.26	2.14	1.06	1.60	0.69	1.49
100.0	1.54	1.05	2.20	1.83	2.46	1.53	1.67	0.85	1.41
105.0	1.61	1.42	2.58	2.52	3.02	2.17	1.95	1.11	1.43
110.0	1.79	1.91	3.10	3.27	3.65	2.90	2.40	1.49	1.56
115.0	2.05	2.44	3.70	3.97	4.31	3.62	2.99	1.99	1.80
120.0	2.39	3.02	4.28	4.56	4.87	4.28	3.64	2.59	2.18
125.0	2.77	3.54	4.75	4.98	5.23	4.76	4.24	3.23	2.65
130.0	3.18	3.97	5.08	5.20	5.43	5.06	4.76	3.85	3.20
135.0	3.56	4.33	5.27	5.29	5.52	5.30	5.18	4.41	3.76
140.0	3.89	4.58	5.36	5.34	5.61	5.50	5.52	4.88	4.28
145.0	4.18	4.76	5.45	5.49	5.78	5.72	5.77	5.24	4.75
150.0	4.42	4.91	5.60	5.73	6.04	5.94	5.95	5.53	5.13
155.0	4.64	5.07	5.75	5.95	6.32	6.15	6.11	5.75	5.43
160.0	4.87	5.23	5.87	6.12	6.53	6.29	6.24	5.92	5.68
165.0	5.08	5.38	5.93	6.19	6.56	6.33	6.31	6.03	5.90
170.0	5.29	5.50	5.94	6.15	6.43	6.22	6.28	6.07	6.03
175.0	5.51	5.61	5.92	6.03	6.19	6.02	6.14	5.97	6.04
180.0	5.69	5.70	5.88	5.94	5.92	5.80	5.84	5.78	5.87

Test System:
 Temperature: 25.3°C
 Operators:
 Test Date: 05-26-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 69Ra, 0.6% Flickering