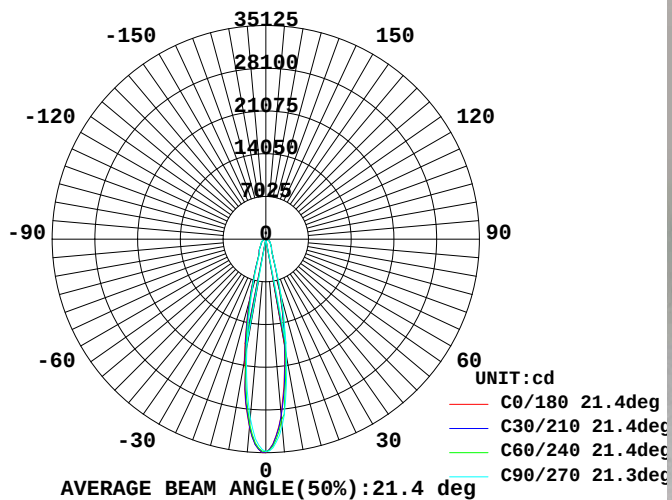


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 5000K K1 (newlens)		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5401	DIMENSION: 521x128x40	SERIAL No.:

MODEL:		Imax(cd):	35125	Effective Flux(lm):	10243.7
NOMINAL POWER(W):	60	MAXIMUM(C, γ):	0, 1.0	EEI	0.085
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.1
NOMINAL FLUX(lm):	10243.7	η street_up(%):	0.7	Current(A)	0.291
TEST FLUX(lm):	10243.7	η street_down(%):	48.8	Power(W)	63.61
LAMPS QUANTITY:	1	η house_up(%)	0.8	Power Factor	0.989
TOTAL RADIANT(mw):	10243.7	η house_down(%)	49.7	EEFICIENCY(lm/W)	161.0



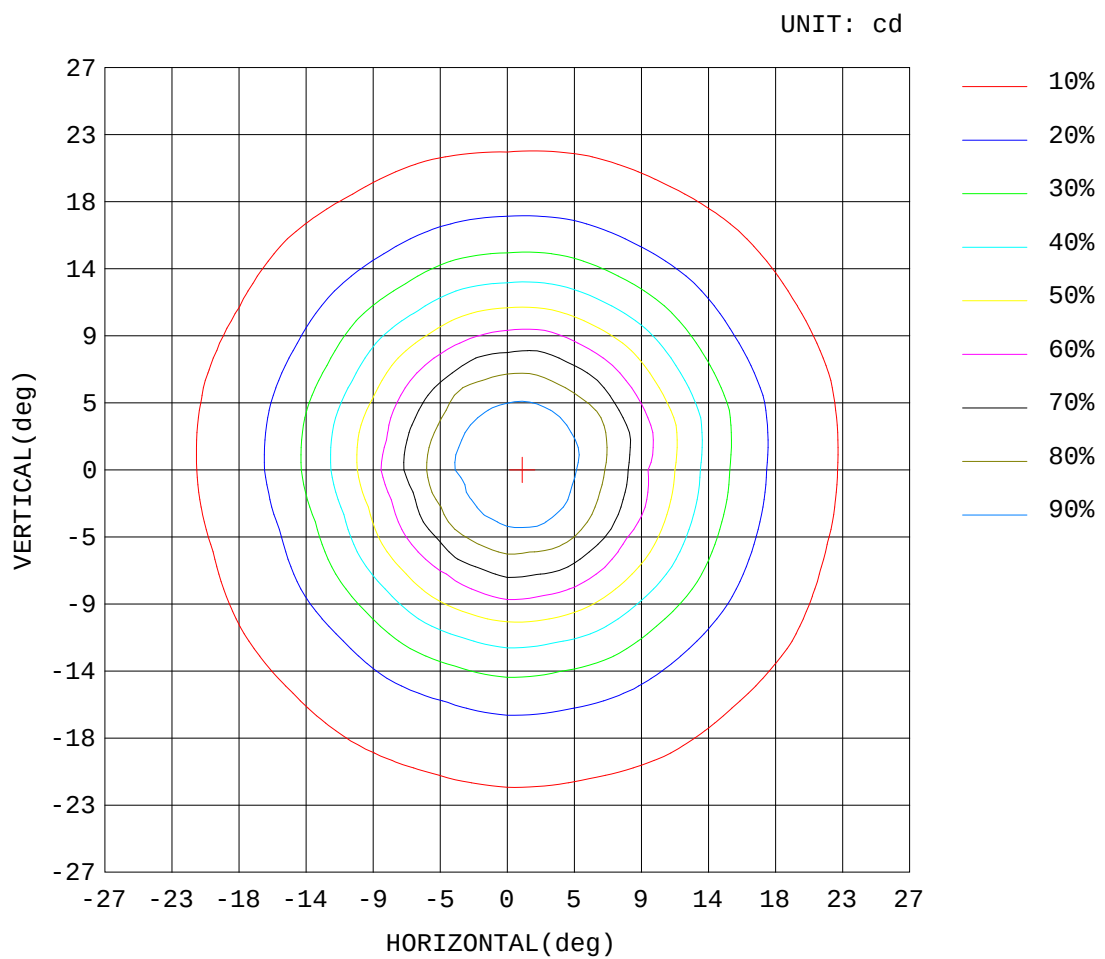
Temperature:25.3'C
 Operators:
 Test Date:31-08-2020

Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 73Ra 0.4Flickering

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 5000K K1 (newlens)		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5401	DIMENSION: 521x128x40	SERIAL No.:



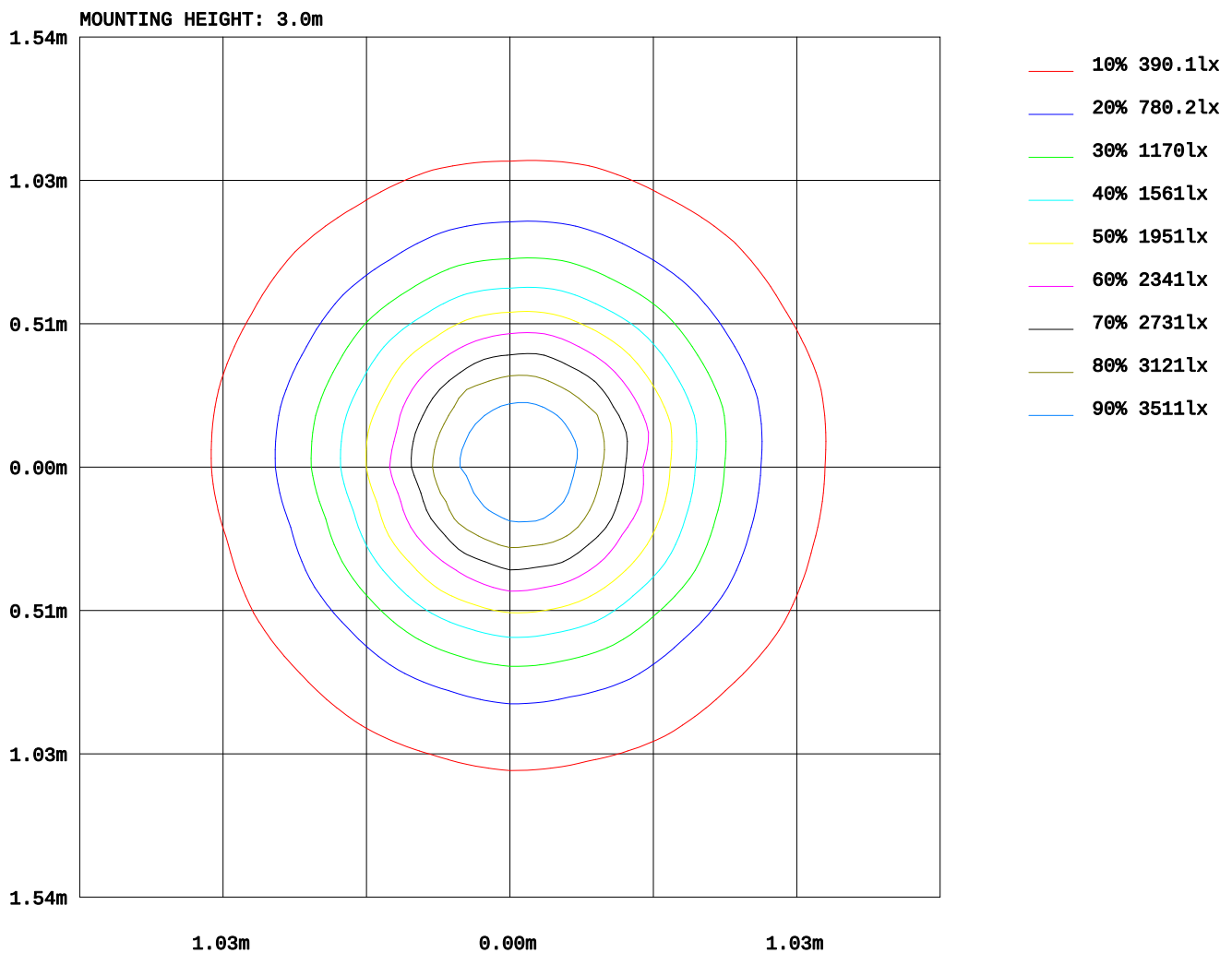
Temperature:25.3'C
Operators:
Test Date:31-08-2020

Humidity:65.0%
Test Distance:10.000 m
Remarks: 73Ra 0.4Flickering

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 5000K K1 (newlens)		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5401	DIMENSION: 521x128x40	SERIAL No.:



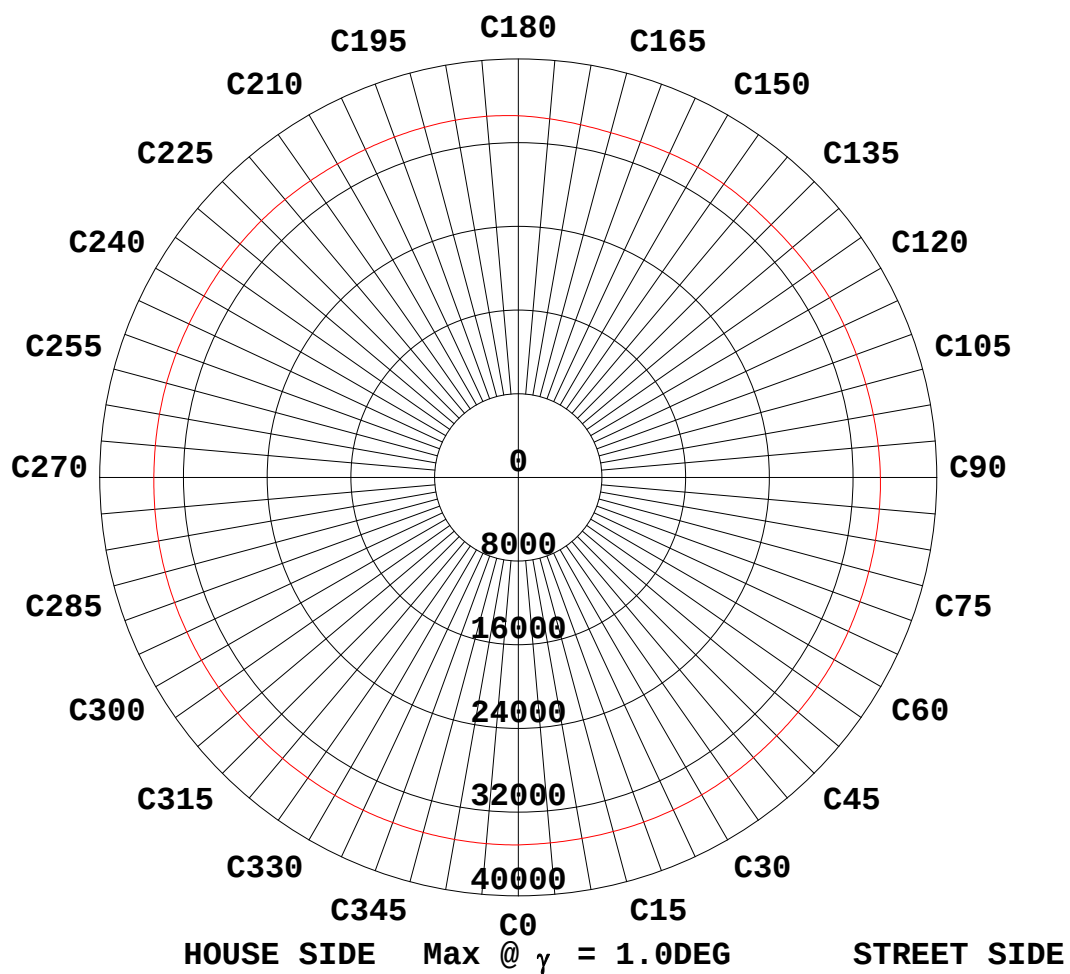
Temperature: 25.3°C
 Operators:
 Test Date: 31-08-2020

Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 73Ra 0.4 Flickering

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 5000K K1 (newlens)		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5401	DIMENSION: 521x128x40	SERIAL No.:



Temperature: 25.3°C
 Operators:
 Test Date: 31-08-2020

Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 73Ra 0.4Flickering

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 5000K K1 (newlens)		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5401	DIMENSION: 521x128x40	SERIAL No.:

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

γ (deg) \ C(deg)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	3511	3507	3503	3501	3496	3492	3490	3489	3488	3487	3488	3490	3511	3507	3503
5.0	3108	3068	3093	3050	3051	2970	2956	2901	2877	2911	2830	2906	2915	2900	2917
10.0	2047	2020	2000	1944	1904	1839	1801	1750	1732	1700	1701	1685	1767	1814	1798
15.0	1041	1020	1013	972	950	904	883	845	837	812	816	800	874	892	892
20.0	465	452	464	443	444	417	415	392	396	378	385	369	393	408	400
25.0	275	289	275	267	266	257	255	247	247	240	241	235	240	242	237
30.0	224	219	221	216	215	209	210	201	201	194	194	190	190	192	187
35.0	172	169	174	169	174	169	174	168	172	165	169	162	163	165	159
40.0	132	130	134	132	137	136	139	136	136	132	134	132	134	133	129
45.0	108	108	113	109	117	114	117	116	115	110	118	110	108	113	113
50.0	97.4	93.9	98.6	95.6	101	100	103	102	101	96.5	101	97.8	98.1	98.2	95.8
55.0	82.9	79.4	83.7	83.1	86.5	85.7	90.6	86.1	86.7	82.8	84.5	79.0	82.7	82.4	80.6
60.0	65.3	64.5	70.6	71.0	73.6	70.5	73.7	70.7	73.3	69.8	70.1	63.5	64.6	66.5	67.7
65.0	53.5	51.7	58.4	57.5	60.9	56.5	58.6	56.8	60.3	56.7	57.2	51.1	52.2	54.3	55.1
70.0	41.2	39.8	45.5	45.4	47.8	43.3	45.1	43.4	47.4	44.3	44.1	39.2	39.8	42.3	42.2
75.0	29.7	29.0	33.6	32.5	35.1	31.8	33.2	32.0	34.6	31.7	32.4	28.9	29.1	30.9	30.9
80.0	19.2	16.9	18.1	20.4	24.7	21.3	23.5	21.2	24.1	19.7	18.1	16.1	16.3	19.4	18.8
85.0	9.37	7.82	13.1	11.2	15.4	12.2	14.6	12.2	14.9	10.6	12.3	7.07	5.94	10.9	9.61
90.0	1.97	2.16	5.24	4.25	7.58	5.76	6.59	5.77	7.19	4.15	4.84	1.71	0.82	3.58	3.40
95.0	1.45	0.86	2.78	2.35	4.19	3.76	4.37	3.66	4.08	2.31	2.74	0.76	0.68	1.88	1.71
100.0	1.24	0.58	1.67	1.52	3.19	3.03	3.89	2.95	3.03	1.55	1.53	0.58	0.61	1.29	0.82
105.0	1.21	0.67	1.24	0.96	2.54	1.67	2.99	1.86	2.39	0.81	1.22	0.67	0.70	1.20	0.69
110.0	1.22	0.78	1.23	0.78	1.49	1.04	2.14	1.10	1.39	0.78	1.22	0.77	0.80	1.21	0.79
115.0	1.25	0.89	1.26	0.88	1.30	0.89	1.32	0.89	1.29	0.88	1.24	0.89	0.93	1.24	0.90
120.0	1.32	1.03	1.31	1.01	1.34	1.01	1.35	1.01	1.33	1.02	1.31	1.04	1.08	1.32	1.05
125.0	1.42	1.20	1.41	1.17	1.41	1.16	1.43	1.17	1.42	1.20	1.42	1.24	1.28	1.44	1.24
130.0	1.61	1.45	1.57	1.41	1.56	1.39	1.57	1.41	1.59	1.48	1.64	1.56	1.61	1.68	1.55
135.0	1.95	1.88	1.91	1.83	1.87	1.82	1.89	1.86	1.96	1.98	2.07	2.10	2.16	2.13	2.08
140.0	2.53	2.57	2.49	2.54	2.47	2.54	2.50	2.61	2.60	2.76	2.75	2.88	2.95	2.82	2.87
145.0	3.32	3.43	3.34	3.47	3.37	3.50	3.41	3.58	3.54	3.74	3.66	3.76	3.84	3.73	3.84
150.0	4.16	4.32	4.31	4.48	4.38	4.50	4.39	4.56	4.55	4.72	4.60	4.60	4.68	4.63	4.81
155.0	4.87	5.02	5.10	5.26	5.21	5.25	5.17	5.27	5.31	5.39	5.28	5.19	5.27	5.30	5.49
160.0	5.33	5.38	5.56	5.63	5.69	5.66	5.64	5.63	5.71	5.64	5.61	5.43	5.54	5.64	5.74
165.0	5.51	5.43	5.63	5.61	5.79	5.72	5.79	5.64	5.74	5.55	5.59	5.43	5.55	5.68	5.66
170.0	5.46	5.26	5.41	5.31	5.58	5.51	5.64	5.37	5.48	5.27	5.40	5.30	5.42	5.53	5.40
175.0	5.35	5.09	5.14	5.05	5.26	5.25	5.39	5.11	5.17	5.04	5.19	5.18	5.31	5.32	5.14
180.0	5.29	5.13	5.10	5.01	5.12	5.17	5.40	5.17	5.12	5.05	5.12	5.16	5.29	5.18	5.04

Temperature:25.3'C
 Operators:
 Test Date:31-08-2020

Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 73Ra 0.4Flickering

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 5000K K1 (newlens)		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5401	DIMENSION: 521x128x40	SERIAL No.:

UNIT: μA10cd

γ (deg) \ C(deg)	225	240	255	270	285	300	315	330	345
0.0	3501	3496	3492	3490	3489	3488	3487	3488	3490
5.0	2949	2984	3038	3081	3125	3147	3163	3158	3164
10.0	1863	1860	1940	1944	2033	2037	2090	2105	2128
15.0	919	930	970	987	1028	1045	1085	1096	1120
20.0	419	410	429	423	450	451	480	475	496
25.0	244	237	245	242	254	255	269	269	281
30.0	191	187	191	193	199	201	211	212	221
35.0	161	157	162	159	164	162	169	167	176
40.0	130	128	130	127	130	127	130	128	133
45.0	110	112	112	110	112	110	109	111	112
50.0	96.6	95.0	99.8	96.4	99.6	94.1	95.2	94.6	96.8
55.0	83.6	81.9	85.5	84.9	85.6	81.4	82.9	79.9	82.5
60.0	71.8	69.9	71.6	70.4	71.9	70.1	71.7	67.7	66.8
65.0	59.3	57.4	58.9	55.7	59.3	57.7	59.6	55.4	54.4
70.0	47.2	44.8	45.8	42.7	46.1	45.3	47.9	42.7	42.6
75.0	34.5	32.6	34.1	31.3	34.4	32.9	35.0	31.2	31.2
80.0	23.4	20.9	24.0	20.2	24.2	21.3	23.9	19.2	19.3
85.0	14.1	11.6	15.0	11.1	15.2	11.8	14.4	9.87	11.3
90.0	6.49	5.42	7.86	4.54	7.92	5.51	6.71	3.55	3.72
95.0	3.53	2.91	4.91	3.19	4.87	2.83	3.57	1.73	1.93
100.0	2.34	2.26	3.95	2.99	3.90	2.20	2.27	0.78	1.28
105.0	1.70	1.71	2.63	2.22	2.58	1.69	1.70	0.69	1.21
110.0	1.27	0.84	1.79	1.37	1.76	0.83	1.27	0.79	1.23
115.0	1.29	0.92	1.33	0.93	1.34	0.92	1.29	0.91	1.26
120.0	1.35	1.05	1.38	1.06	1.38	1.05	1.35	1.04	1.32
125.0	1.45	1.23	1.46	1.23	1.46	1.21	1.44	1.21	1.42
130.0	1.65	1.49	1.62	1.46	1.60	1.44	1.59	1.45	1.60
135.0	2.05	1.96	1.96	1.88	1.92	1.85	1.92	1.88	1.94
140.0	2.72	2.72	2.58	2.60	2.50	2.56	2.49	2.57	2.53
145.0	3.67	3.72	3.51	3.58	3.43	3.52	3.39	3.50	3.37
150.0	4.70	4.74	4.53	4.60	4.47	4.59	4.43	4.50	4.29
155.0	5.49	5.49	5.34	5.37	5.32	5.43	5.32	5.30	5.06
160.0	5.89	5.84	5.82	5.81	5.84	5.86	5.84	5.71	5.54
165.0	5.89	5.82	5.95	5.92	6.03	5.91	5.96	5.73	5.68
170.0	5.62	5.52	5.76	5.75	5.89	5.66	5.73	5.46	5.54
175.0	5.28	5.17	5.41	5.46	5.56	5.29	5.35	5.15	5.30
180.0	5.08	5.05	5.23	5.34	5.23	5.07	5.11	5.06	5.20

Temperature: 25.3'C
 Operators:
 Test Date: 31-08-2020

Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 73Ra 0.4Flickering