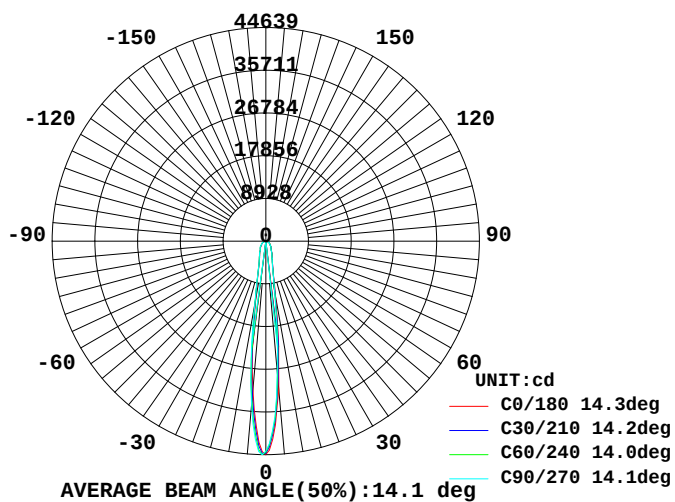


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 5000K 15		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5721	DIMENSION: 521x128x40	SERIAL No.:

MODEL:		Imax(cd):	44664	Effective Flux(lm):	10281.0
NOMINAL POWER(W):	60	MAXIMUM(C, γ):	75, 1.0	EEI	0.079
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.1
NOMINAL FLUX(lm):	10281.0	η street_up(%):	0.9	Current(A)	0.275
TEST FLUX(lm):	10281.0	η street_down(%):	51.0	Power(W)	59.66
LAMPS QUANTITY:	1	η house_up(%)	0.9	Power Factor	0.982
TOTAL RADIANT(mw):	10281.0	η house_down(%)	47.3	EEFICIENCY(lm/W)	172.3



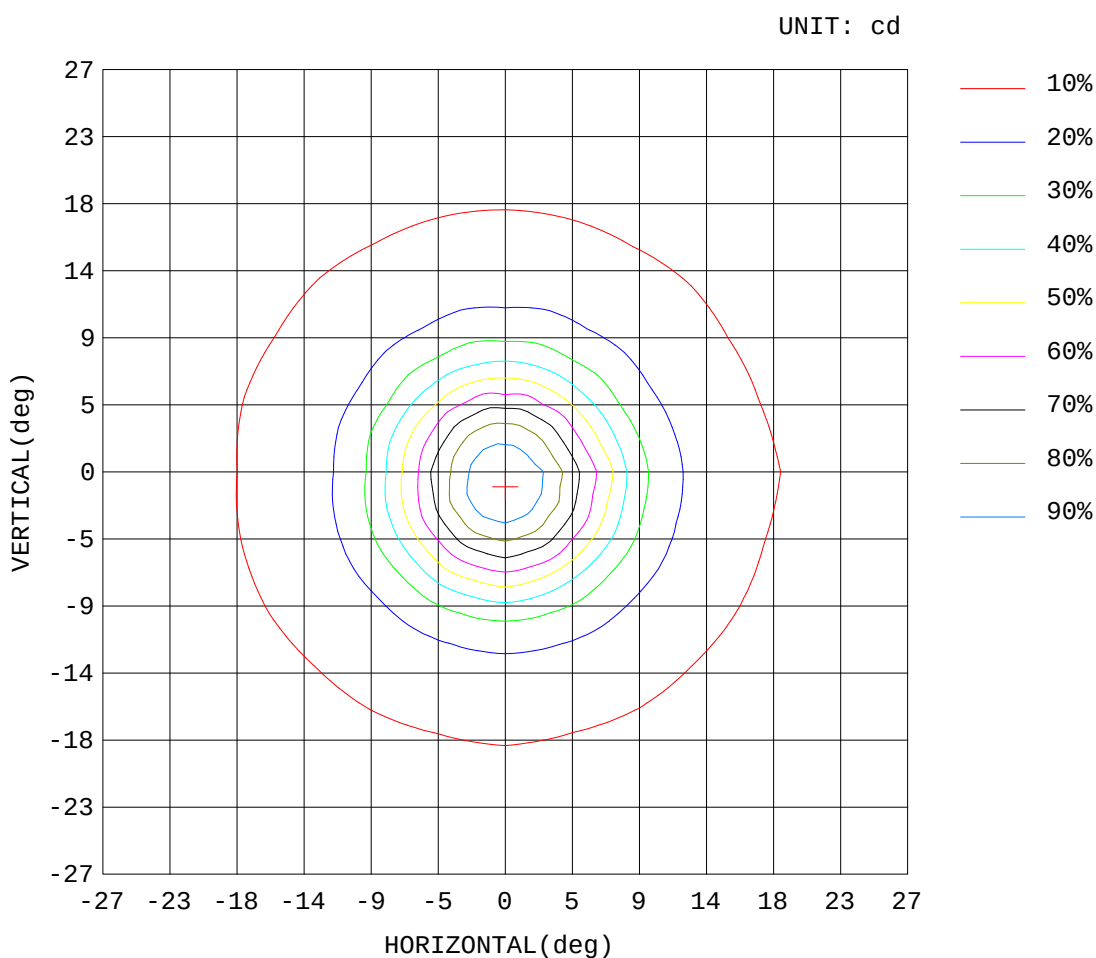
Temperature:25.3'C
 Operators:
 Test Date:13-10-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 73Ra. 0.3% Flickering. Temp 37.3

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 5000K 15		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5721	DIMENSION: 521x128x40	SERIAL No.:



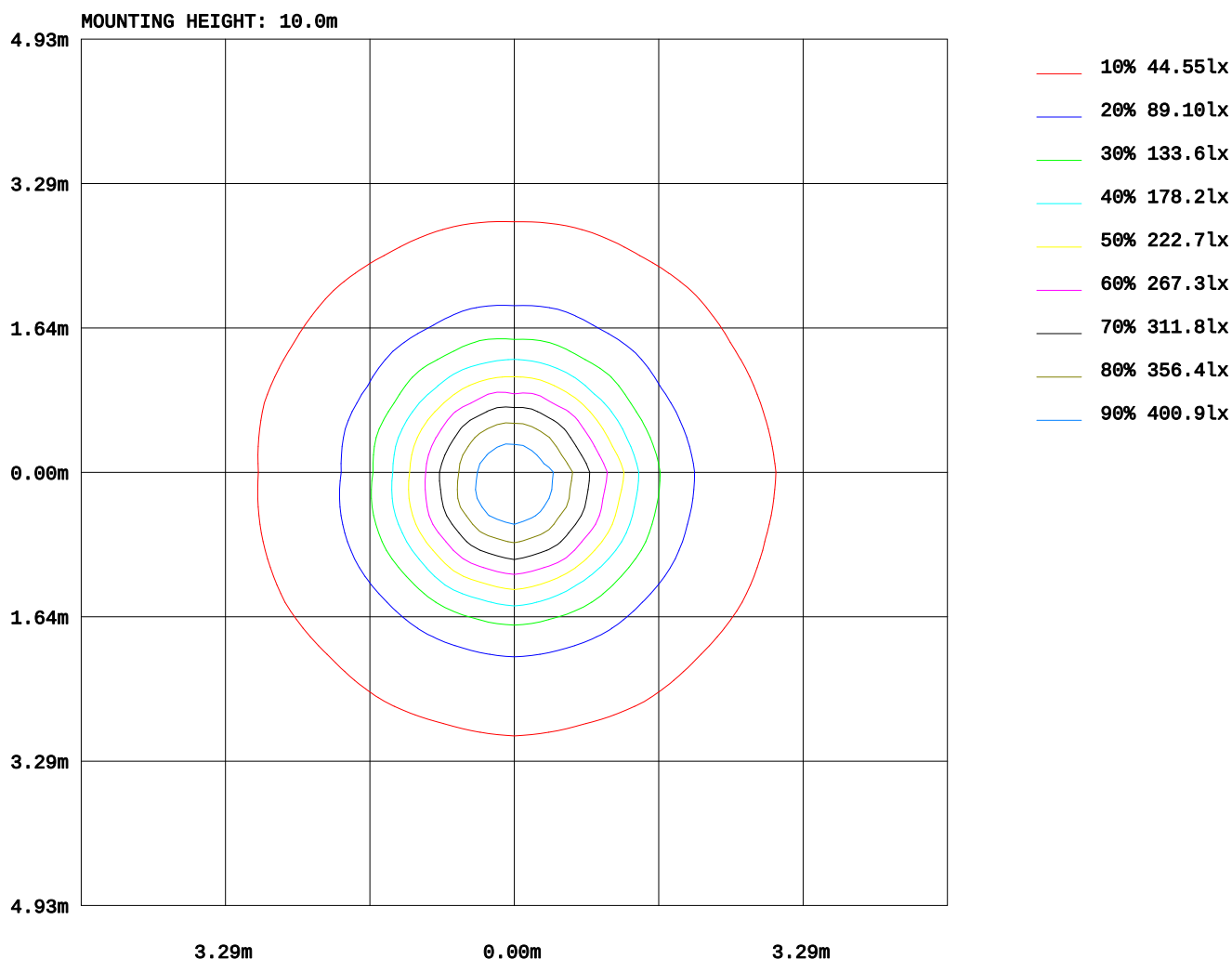
Temperature:25.3'C
Operators:
Test Date:13-10-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 73Ra. 0.3% Flickering. Temp 37.3

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 5000K 15		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5721	DIMENSION: 521x128x40	SERIAL No.:



Temperature: 25.3°C
 Operators:
 Test Date: 13-10-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 73Ra. 0.3% Flickering. Temp 37.3

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 5000K 15		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5721	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	4455	4455	4437	4441	4412	4421	4387	4399	4369	4383	4364	4374	4455	4455	4437
5.0	3115	3134	3225	3266	3363	3379	3429	3392	3383	3292	3243	3137	3125	3007	2926
10.0	1230	1235	1280	1280	1323	1314	1346	1320	1334	1292	1291	1236	1172	1169	1128
15.0	589	591	604	601	611	602	608	600	606	596	600	585	561	576	558
20.0	409	392	393	392	397	396	412	399	403	400	405	402	406	399	389
25.0	309	308	312	306	312	313	319	314	314	310	312	314	314	314	306
30.0	250	246	252	248	252	248	252	249	252	246	248	241	237	239	232
35.0	206	201	198	196	202	204	211	206	206	201	203	205	206	205	192
40.0	178	172	176	177	184	183	188	185	186	181	181	176	174	175	170
45.0	140	141	150	152	159	159	164	162	164	160	159	150	142	146	141
50.0	118	113	120	122	126	126	128	127	128	124	123	115	117	115	115
55.0	114	105	104	105	110	108	112	109	112	108	107	105	112	107	99.7
60.0	96.6	91.3	88.9	89.6	94.3	92.2	94.3	93.0	95.8	91.4	90.8	94.1	95.9	96.3	83.6
65.0	73.8	70.0	72.4	73.5	77.0	74.3	75.5	74.9	77.9	74.6	73.6	72.5	73.0	74.4	68.0
70.0	53.0	51.5	56.7	57.6	60.8	57.5	59.3	57.9	61.4	58.3	57.4	53.5	52.0	54.9	52.6
75.0	37.1	36.8	42.9	42.9	46.1	43.4	44.7	43.6	46.5	43.4	43.4	37.5	34.7	39.3	38.6
80.0	23.3	22.5	28.9	29.6	32.5	30.3	31.6	30.4	32.8	29.7	29.3	22.7	19.9	25.4	23.9
85.0	12.4	10.8	17.4	15.5	18.5	17.2	19.3	17.3	18.5	15.8	17.6	10.8	8.41	13.7	12.0
90.0	3.11	2.69	6.26	5.29	9.51	7.58	9.19	7.55	9.66	5.51	6.62	2.71	1.17	4.23	4.03
95.0	1.71	1.19	3.56	3.20	5.38	5.14	5.94	5.06	5.42	3.34	3.63	1.21	0.90	2.01	2.22
100.0	1.50	0.83	2.16	2.34	4.13	4.22	5.42	4.18	4.11	2.38	2.25	0.86	0.86	1.54	1.01
105.0	1.41	0.88	1.45	1.67	3.61	2.66	4.36	2.86	3.64	1.65	1.44	0.85	0.91	1.42	0.89
110.0	1.46	1.02	1.47	1.00	2.30	1.92	3.30	1.93	2.31	0.98	1.46	0.99	1.05	1.46	1.02
115.0	1.54	1.17	1.54	1.15	1.58	1.15	1.82	1.14	1.57	1.13	1.51	1.14	1.21	1.53	1.18
120.0	1.65	1.35	1.63	1.32	1.66	1.31	1.68	1.30	1.64	1.29	1.60	1.31	1.39	1.64	1.36
125.0	1.81	1.56	1.77	1.52	1.77	1.51	1.79	1.49	1.75	1.48	1.73	1.51	1.60	1.78	1.56
130.0	2.00	1.83	1.96	1.77	1.94	1.74	1.94	1.72	1.90	1.72	1.90	1.77	1.88	1.99	1.84
135.0	2.29	2.18	2.23	2.09	2.18	2.05	2.17	2.02	2.14	2.05	2.18	2.15	2.31	2.33	2.26
140.0	2.78	2.75	2.69	2.65	2.61	2.58	2.58	2.56	2.59	2.66	2.71	2.80	2.98	2.92	2.93
145.0	3.48	3.55	3.42	3.51	3.38	3.47	3.35	3.47	3.39	3.55	3.49	3.65	3.84	3.76	3.85
150.0	4.27	4.40	4.32	4.42	4.35	4.44	4.32	4.42	4.37	4.47	4.40	4.48	4.63	4.60	4.77
155.0	4.89	5.04	5.08	5.16	5.13	5.09	5.00	5.04	5.11	5.18	5.14	5.08	5.13	5.22	5.40
160.0	5.22	5.35	5.55	5.58	5.57	5.46	5.38	5.38	5.51	5.56	5.56	5.35	5.38	5.50	5.67
165.0	5.38	5.39	5.70	5.71	5.79	5.70	5.69	5.60	5.72	5.67	5.69	5.40	5.46	5.54	5.61
170.0	5.41	5.27	5.55	5.53	5.79	5.73	5.86	5.62	5.70	5.48	5.53	5.30	5.38	5.44	5.33
175.0	5.33	5.08	5.21	5.13	5.46	5.38	5.65	5.28	5.37	5.12	5.24	5.12	5.26	5.24	5.04
180.0	5.25	5.07	5.03	4.94	5.04	5.06	5.33	5.11	5.07	4.98	5.06	5.08	5.25	5.13	4.98

Temperature:25.3'C
Operators:
Test Date:13-10-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 73Ra. 0.3% Flickering. Temp 37.3

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 5000K 15		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5721	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	4441	4412	4421	4387	4399	4369	4383	4364	4374
5.0	2952	2815	2894	2746	2851	2745	2876	2843	2952
10.0	1125	1087	1089	1062	1076	1064	1095	1100	1147
15.0	567	548	557	540	553	541	560	549	572
20.0	393	384	386	388	385	379	385	379	387
25.0	305	301	302	295	300	296	298	300	305
30.0	237	231	235	230	236	231	239	235	244
35.0	192	190	193	190	194	189	190	188	199
40.0	172	168	170	168	170	166	168	164	171
45.0	145	139	143	137	141	136	140	135	138
50.0	120	117	121	116	120	115	118	113	113
55.0	104	103	105	102	104	102	103	97.6	105
60.0	89.3	87.1	89.4	84.1	88.3	85.8	87.7	82.1	91.4
65.0	73.8	71.3	72.3	67.7	71.5	70.1	72.7	67.0	70.6
70.0	58.0	55.2	56.5	52.4	55.9	54.2	57.0	52.1	52.6
75.0	43.6	40.7	43.0	38.8	42.3	40.3	43.0	38.4	38.2
80.0	29.6	29.3	30.4	29.2	30.1	29.3	29.2	23.8	25.1
85.0	17.7	15.2	18.9	14.4	18.7	15.1	17.7	12.2	13.8
90.0	7.40	6.15	9.67	6.03	9.57	6.40	7.65	4.28	4.63
95.0	4.23	3.68	6.44	4.99	6.56	4.10	4.45	2.42	2.37
100.0	2.84	2.88	5.22	4.41	5.36	3.27	3.07	1.25	1.57
105.0	2.09	2.44	3.66	3.23	3.61	2.66	2.41	0.91	1.44
110.0	1.52	1.23	2.32	2.22	2.62	1.34	1.56	1.05	1.48
115.0	1.58	1.19	1.65	1.24	1.69	1.22	1.61	1.22	1.57
120.0	1.66	1.37	1.73	1.41	1.74	1.39	1.70	1.40	1.68
125.0	1.80	1.57	1.85	1.61	1.88	1.60	1.84	1.61	1.83
130.0	1.99	1.82	2.02	1.86	2.04	1.86	2.03	1.87	2.04
135.0	2.28	2.20	2.28	2.20	2.29	2.20	2.29	2.25	2.33
140.0	2.86	2.84	2.79	2.79	2.77	2.80	2.81	2.86	2.85
145.0	3.74	3.82	3.69	3.79	3.68	3.78	3.66	3.76	3.66
150.0	4.67	4.79	4.67	4.75	4.69	4.81	4.64	4.71	4.55
155.0	5.42	5.42	5.32	5.28	5.37	5.48	5.43	5.42	5.27
160.0	5.82	5.73	5.66	5.59	5.74	5.80	5.89	5.78	5.62
165.0	5.89	5.79	5.84	5.81	5.95	5.89	6.01	5.78	5.67
170.0	5.63	5.55	5.80	5.77	5.94	5.71	5.80	5.48	5.52
175.0	5.21	5.10	5.38	5.38	5.55	5.23	5.32	5.09	5.25
180.0	5.01	4.97	5.13	5.26	5.17	5.00	5.05	5.01	5.14

Temperature: 25.3°C
 Operators:
 Test Date: 13-10-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
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 Remarks: 73Ra. 0.3% Flickering. Temp 37.3