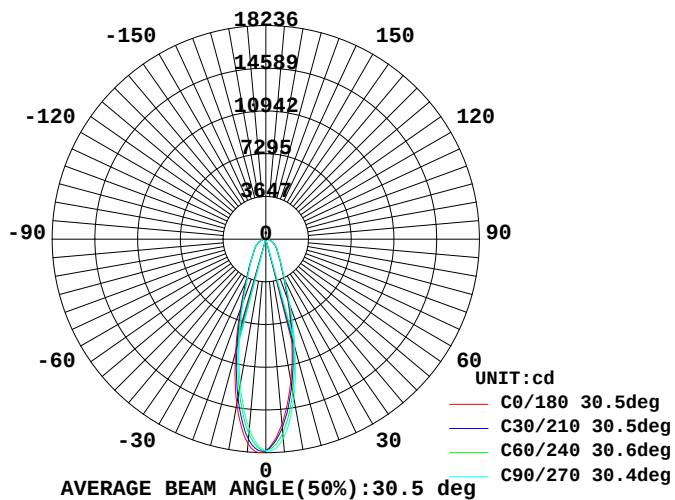


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 30 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5220	DIMENSION: 521x128x40	SERIAL No.:

MODEL:		Imax(cd):	18274	Effective Flux(lm):	10581.7
NOMINAL POWER(W):	60	MAXIMUM(C, γ):	345, 2.0	EEI	0.078
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.1
NOMINAL FLUX(lm):	10581.7	η street_up(%):	0.9	Current(A)	0.280
TEST FLUX(lm):	10581.7	η street_down(%):	48.6	Power(W)	60.47
LAMPS QUANTITY:	1	η house_up(%)	0.9	Power Factor	0.978
TOTAL RADIANT(mw):	10581.7	η house_down(%)	49.6	EEFICIENCY(lm/W)	175.0



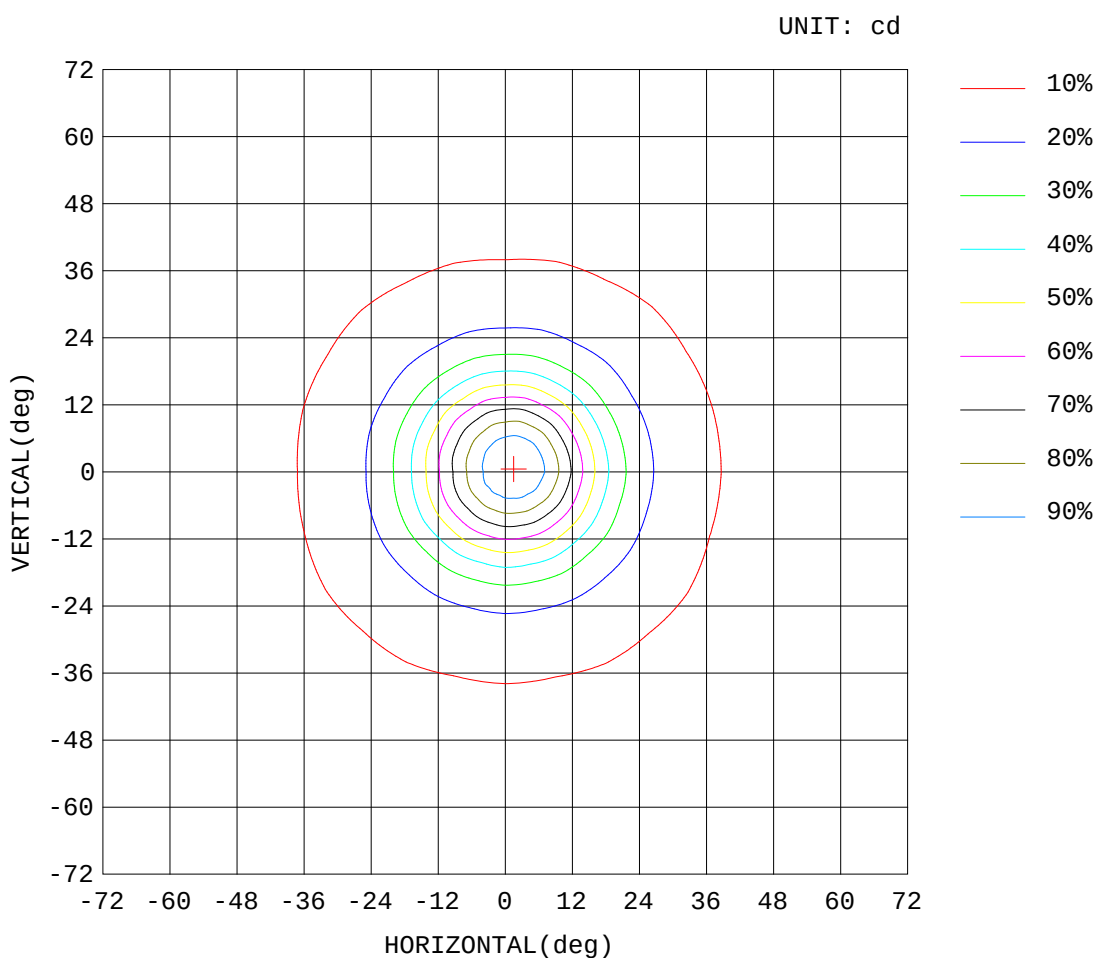
Temperature:25.3'C
 Operators:
 Test Date:27-10-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 73Ra. 0.2% Flickering. Temp 41.2

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 30 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5220	DIMENSION: 521x128x40	SERIAL No.:



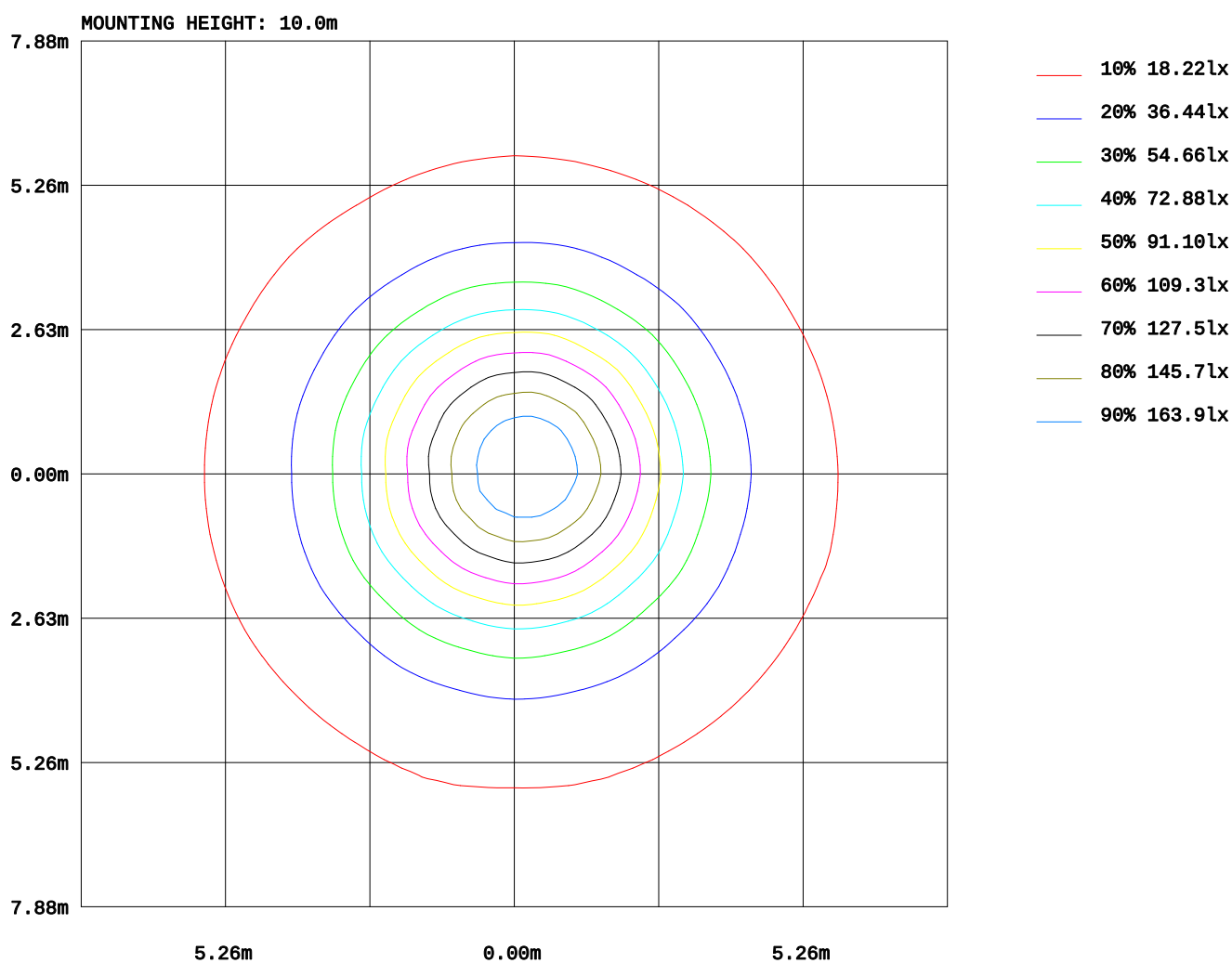
Temperature:25.3'C
Operators:
Test Date:27-10-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 73Ra. 0.2% Flickering. Temp 41.2

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 30 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5220	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: 73Ra. 0.2% Flickering. Temp 41.2

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 30 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5220	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	1806	1807	1804	1806	1805	1806	1807	1806	1811	1808	1814	1811	1806	1807	1804
5.0	1752	1729	1712	1683	1665	1638	1626	1605	1601	1588	1594	1590	1585	1604	1617
10.0	1428	1393	1371	1331	1309	1274	1261	1238	1239	1228	1238	1236	1234	1260	1275
15.0	1004	974	958	925	910	882	875	856	860	850	862	859	849	881	882
20.0	634	616	610	589	582	564	561	549	553	547	555	551	548	563	567
25.0	410	400	398	386	384	374	374	367	370	365	370	366	363	371	370
30.0	293	288	288	285	281	283	275	284	272	267	270	266	262	268	265
35.0	223	217	220	214	217	212	215	210	214	209	213	208	206	211	208
40.0	172	168	171	167	170	166	169	165	168	165	167	163	163	166	164
45.0	144	141	144	140	145	142	143	141	143	137	141	138	136	143	139
50.0	121	119	125	119	125	121	123	121	123	117	123	118	116	120	121
55.0	104	100	104	101	104	102	104	101	103	98.6	101	98.5	98.6	102	98.7
60.0	85.1	82.0	85.8	83.3	86.4	83.5	86.4	82.6	85.2	81.3	83.3	79.5	79.4	82.9	80.4
65.0	68.6	65.1	68.7	66.6	69.2	66.0	68.1	65.5	68.1	64.9	66.4	62.9	63.8	66.0	64.1
70.0	53.4	49.8	53.2	52.0	54.2	50.4	52.4	50.1	53.7	50.7	51.2	48.1	48.8	51.1	48.9
75.0	38.7	35.8	39.3	37.7	40.2	37.2	38.9	37.0	39.7	36.8	37.8	34.5	34.3	37.2	35.3
80.0	24.4	21.4	26.1	23.9	27.7	23.9	26.5	24.0	27.5	23.3	25.1	20.6	19.9	24.0	21.9
85.0	13.1	10.3	15.7	13.0	17.5	13.6	16.6	13.8	17.4	12.8	15.2	9.82	8.49	13.3	11.3
90.0	3.43	2.52	5.62	4.42	7.70	5.89	6.96	5.97	7.59	4.55	5.60	2.64	1.55	4.29	3.71
95.0	2.12	1.45	3.47	2.99	4.65	4.15	4.83	4.09	4.63	3.08	3.54	1.56	1.35	2.41	2.42
100.0	2.02	1.26	2.40	2.30	3.67	3.32	4.26	3.30	3.61	2.36	2.51	1.52	1.40	2.13	1.56
105.0	1.98	1.32	1.93	1.56	3.06	2.15	3.33	2.23	3.05	1.56	2.13	1.57	1.53	2.08	1.54
110.0	1.78	1.37	1.89	1.29	1.80	1.38	2.41	1.34	1.77	1.43	2.08	1.67	1.49	2.07	1.55
115.0	1.80	1.43	1.83	1.35	1.67	1.21	1.58	1.23	1.73	1.45	2.01	1.71	1.63	2.03	1.56
120.0	1.85	1.52	1.82	1.50	1.75	1.39	1.68	1.41	1.80	1.58	1.96	1.72	1.75	1.98	1.63
125.0	1.98	1.72	1.94	1.70	1.89	1.63	1.85	1.65	1.95	1.80	2.07	1.88	1.97	2.08	1.84
130.0	2.20	1.99	2.17	2.02	2.12	1.97	2.11	2.00	2.19	2.13	2.32	2.21	2.34	2.33	2.17
135.0	2.56	2.48	2.52	2.47	2.52	2.44	2.52	2.47	2.59	2.60	2.71	2.67	2.85	2.75	2.66
140.0	3.08	3.06	3.06	3.07	3.07	3.09	3.09	3.12	3.15	3.22	3.26	3.28	3.46	3.32	3.28
145.0	3.69	3.72	3.68	3.79	3.73	3.83	3.77	3.85	3.83	3.95	3.90	3.91	4.09	4.00	4.00
150.0	4.32	4.37	4.37	4.49	4.44	4.55	4.49	4.56	4.54	4.63	4.57	4.61	4.82	4.68	4.72
155.0	4.92	4.96	4.98	5.09	5.10	5.19	5.13	5.17	5.15	5.20	5.16	5.17	5.35	5.28	5.30
160.0	5.39	5.39	5.41	5.50	5.56	5.64	5.61	5.59	5.58	5.58	5.56	5.58	5.74	5.72	5.69
165.0	5.71	5.63	5.66	5.71	5.82	5.87	5.91	5.79	5.80	5.76	5.80	5.81	5.96	5.97	5.89
170.0	5.93	5.75	5.77	5.77	5.91	5.93	6.02	5.83	5.84	5.80	5.90	5.94	6.08	6.07	5.94
175.0	6.05	5.83	5.83	5.81	5.92	5.95	6.10	5.87	5.87	5.82	5.93	5.97	6.14	6.07	5.92
180.0	6.15	5.97	5.93	5.89	5.95	5.96	6.17	6.00	5.96	5.90	5.95	5.97	6.16	6.01	5.90

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: 73Ra. 0.2% Flickering. Temp 41.2

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 30 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5220	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	1806	1805	1806	1807	1806	1811	1808	1814	1811
5.0	1644	1662	1692	1710	1733	1744	1756	1754	1754
10.0	1309	1329	1363	1380	1409	1418	1435	1428	1428
15.0	919	920	956	953	986	978	1005	987	1000
20.0	585	588	605	606	621	620	632	625	630
25.0	379	378	388	387	397	397	406	402	406
30.0	273	269	276	285	282	286	288	286	290
35.0	212	210	215	212	217	214	219	216	220
40.0	168	166	170	168	172	169	173	169	171
45.0	141	142	144	140	145	145	144	142	144
50.0	121	122	125	121	125	124	123	123	122
55.0	102	101	106	102	107	103	104	101	103
60.0	84.6	83.5	86.9	84.7	87.8	85.1	86.9	82.9	84.9
65.0	68.1	66.8	69.6	67.1	70.3	68.2	70.1	66.4	67.7
70.0	53.9	52.2	54.0	51.3	54.5	53.2	55.5	50.8	52.5
75.0	39.7	37.8	40.4	37.3	40.7	38.5	41.0	36.7	38.4
80.0	26.9	24.5	27.7	23.8	27.9	24.9	27.7	22.9	24.9
85.0	16.2	13.6	17.2	12.9	17.2	13.9	16.7	11.8	13.8
90.0	6.49	5.16	8.05	4.80	8.14	5.30	6.75	3.92	4.69
95.0	4.14	3.34	5.34	3.69	5.46	3.50	4.28	2.66	2.76
100.0	2.99	2.60	4.12	3.20	4.22	2.75	3.14	1.78	2.30
105.0	2.15	1.92	2.82	2.34	2.80	2.03	2.34	1.65	2.16
110.0	1.87	1.17	1.83	1.33	1.84	1.20	1.94	1.64	2.08
115.0	1.80	1.31	1.62	1.18	1.62	1.33	1.84	1.61	1.99
120.0	1.85	1.48	1.70	1.37	1.71	1.49	1.87	1.63	1.96
125.0	1.99	1.70	1.86	1.60	1.85	1.70	1.99	1.81	2.03
130.0	2.23	2.03	2.10	1.93	2.09	1.99	2.20	2.11	2.26
135.0	2.62	2.49	2.47	2.40	2.45	2.44	2.55	2.55	2.61
140.0	3.17	3.10	3.01	3.00	2.99	3.02	3.07	3.12	3.15
145.0	3.86	3.84	3.71	3.73	3.67	3.75	3.74	3.82	3.80
150.0	4.58	4.59	4.44	4.50	4.41	4.51	4.45	4.55	4.47
155.0	5.23	5.22	5.12	5.16	5.12	5.18	5.13	5.16	5.09
160.0	5.69	5.67	5.64	5.66	5.68	5.67	5.63	5.60	5.56
165.0	5.93	5.89	5.93	5.96	6.01	5.92	5.90	5.83	5.83
170.0	5.98	5.92	6.01	6.07	6.13	6.00	5.98	5.88	5.93
175.0	5.96	5.89	5.99	6.11	6.12	5.96	5.98	5.88	5.96
180.0	5.93	5.91	6.00	6.15	6.04	5.93	5.94	5.92	6.01

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: 73Ra. 0.2% Flickering. Temp 41.2