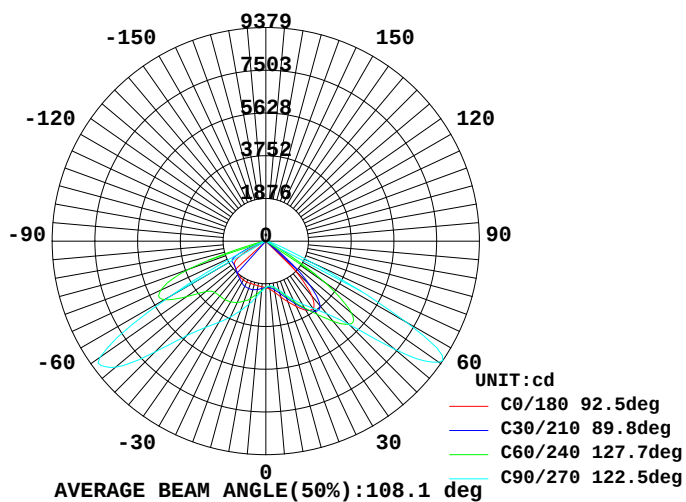


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W SH 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4738	DIMENSION: 521x128x40	SERIAL No.:

MODEL:		Imax(cd):	9379	Effective Flux(lm):	11597.7
NOMINAL POWER(W):	60	MAXIMUM(C, γ):	270, 56.0	EEI	0.071
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.1
NOMINAL FLUX(lm):	11597.7	η street_up(%):	0.6	Current(A)	0.281
TEST FLUX(lm):	11597.7	η street_down(%):	51.5	Power(W)	60.57
LAMPS QUANTITY:	1	η house_up(%):	0.7	Power Factor	0.978
TOTAL RADIANT(mw):	11597.7	η house_down(%):	47.2	EEFICIENCY(lm/W)	191.5



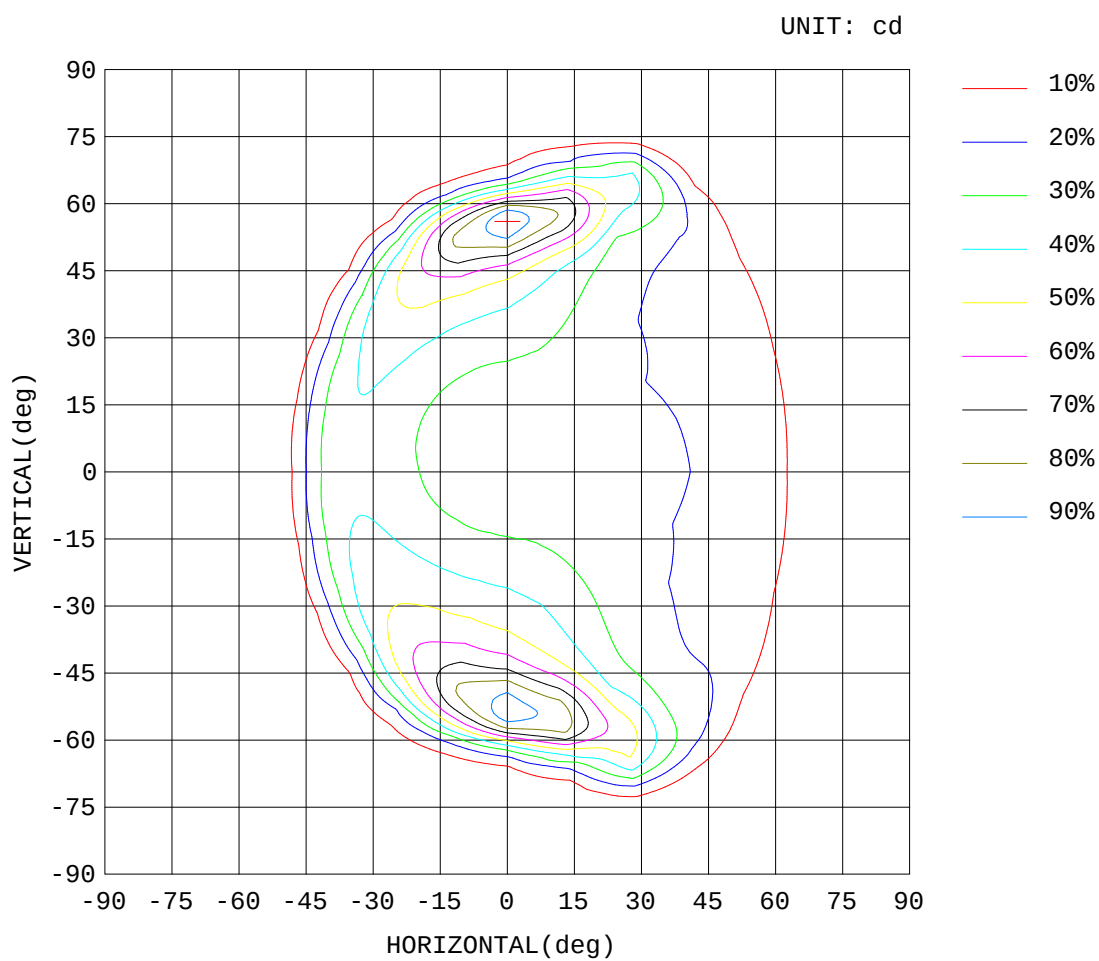
Temperature:25.3'C
 Operators:
 Test Date:11-11-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 71Ra. 0.2% Flickering. Temp 42.7

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W SH 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4738	DIMENSION: 521x128x40	SERIAL No.:



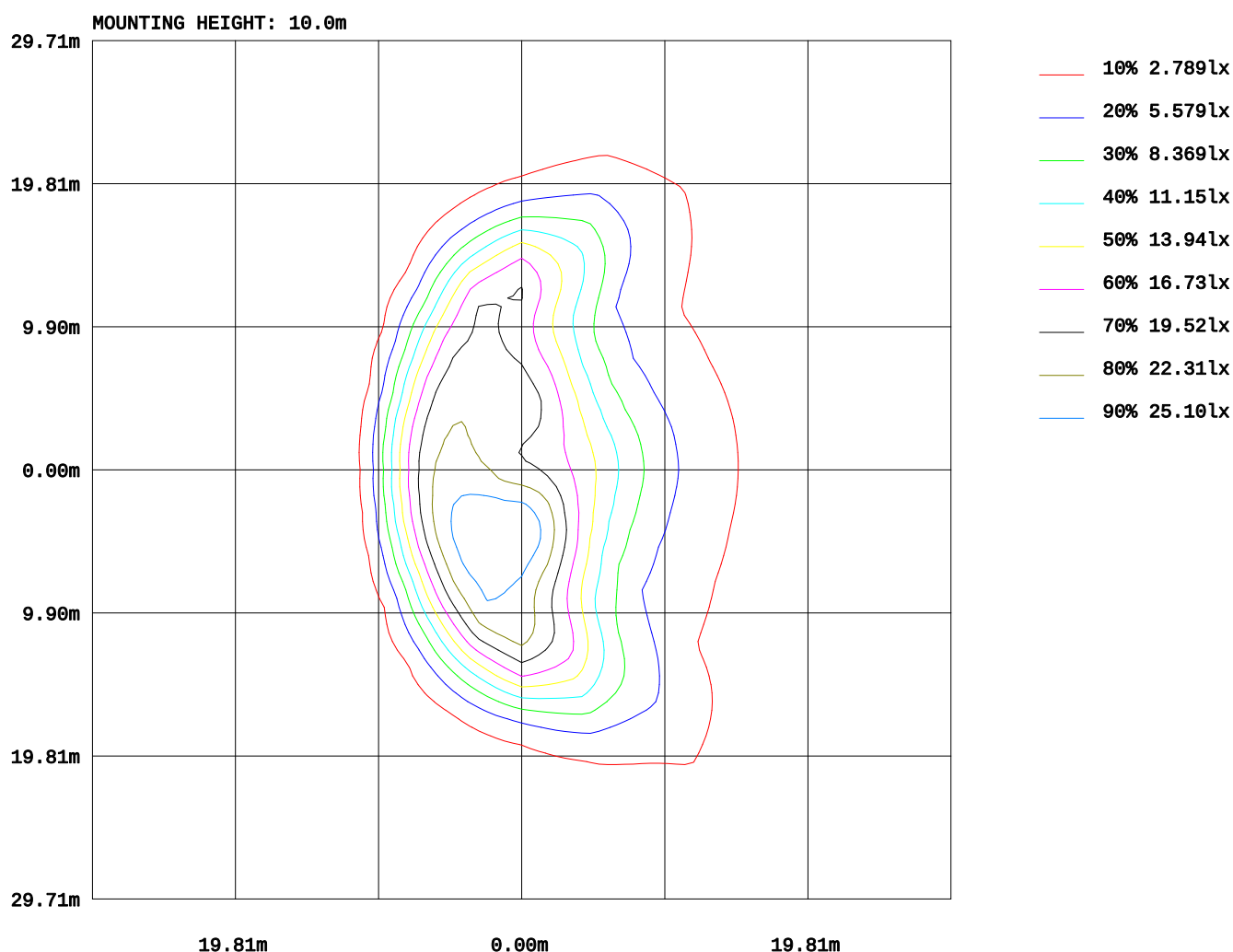
Temperature:25.3'C
Operators:
Test Date:11-11-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 71Ra. 0.2% Flickering. Temp 42.7

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W SH 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4738	DIMENSION: 521x128x40	SERIAL No.:



Temperature: 25.3°C
Operators:
Test Date: 11-11-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 71Ra. 0.2% Flickering. Temp 42.7

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W SH 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4738	DIMENSION: 521x128x40	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	2047	2043	2042	2043	2039	2043	2035	2038	2028	2032	2023	2027	2047	2043	2042
5.0	2013	2045	2088	2137	2168	2214	2215	2234	2206	2200	2156	2135	2124	2082	2053
10.0	1989	2056	2156	2270	2372	2464	2500	2516	2482	2446	2382	2317	2294	2214	2164
15.0	1974	2057	2205	2397	2599	2772	2854	2877	2836	2784	2750	2600	2533	2442	2374
20.0	1977	2049	2211	2474	2807	3103	3242	3292	3241	3174	3040	2927	2836	2747	2664
25.0	1987	2034	2190	2498	2970	3420	3667	3746	3703	3593	3439	3274	3164	3057	3019
30.0	1972	1981	2115	2482	3078	3721	4113	4258	4223	4053	3837	3617	3495	3438	3429
35.0	1941	1925	2013	2390	3134	4002	4625	4892	4790	4470	4085	3753	3618	3659	3767
40.0	1888	1854	1924	2251	3150	4384	5429	5756	5390	4615	3880	3323	3143	3334	3708
45.0	1824	1776	1838	2129	3185	5208	6891	6911	5673	4032	2816	2065	1859	2066	2723
50.0	1767	1713	1766	2048	3446	6839	8603	7519	4912	2506	1270	656	545	724	1192
55.0	1685	1655	1735	2046	4254	8030	8898	6025	2978	853	380	280	273	297	333
60.0	1310	1386	1720	2184	5145	7062	4828	2623	1018	331	273	234	230	254	243
65.0	532	650	1292	2391	5088	3453	1231	686	401	231	191	171	162	195	196
70.0	199	182	454	1684	3553	829	346	212	188	172	170	131	129	148	138
75.0	145	120	180	473	873	158	182	134	159	110	122	98.4	98.0	115	93.8
80.0	92.4	79.5	117	123	156	111	134	84.4	91.6	57.5	80.4	67.5	65.5	82.0	56.8
85.0	57.7	52.3	76.3	42.5	65.0	48.7	107	80.6	44.4	26.9	39.7	34.4	30.0	48.1	24.5
90.0	17.2	7.00	22.3	7.10	21.9	10.8	34.0	21.6	20.9	9.80	15.8	7.20	6.60	15.9	8.40
95.0	10.7	4.70	11.9	6.00	16.4	12.0	21.9	15.2	19.1	10.8	13.6	7.20	7.00	13.2	9.40
100.0	10.2	5.30	11.5	8.20	18.4	16.7	25.2	19.1	21.1	13.0	14.3	8.40	8.50	13.7	11.4
105.0	10.5	6.70	12.5	11.5	21.5	21.5	28.7	22.9	23.2	15.2	15.4	10.0	10.3	14.5	13.5
110.0	11.4	9.09	14.5	15.2	24.9	25.9	31.9	25.7	25.0	17.0	16.6	11.8	12.1	15.7	15.6
115.0	13.5	11.9	17.2	19.0	28.4	29.0	34.0	27.2	26.3	18.9	18.0	13.3	13.7	17.1	17.7
120.0	16.3	15.0	20.2	22.3	30.5	30.0	34.4	28.2	27.4	21.0	19.3	14.7	15.4	18.2	19.6
125.0	18.9	18.1	22.7	24.6	31.2	30.1	34.4	29.1	28.6	22.6	20.2	16.0	16.9	19.3	21.1
130.0	21.7	21.0	25.2	26.6	32.1	31.2	34.7	30.3	30.1	24.0	21.1	17.2	18.1	20.4	22.5
135.0	24.5	23.5	27.1	28.4	33.5	32.7	35.2	31.0	31.2	25.2	22.3	18.7	19.6	21.6	23.9
140.0	26.3	25.4	28.6	29.8	34.5	33.7	35.9	32.6	32.4	26.1	23.2	20.4	21.1	23.1	25.0
145.0	27.7	26.8	29.6	30.7	35.4	35.1	37.2	34.2	33.1	26.4	24.2	22.1	22.7	24.5	25.9
150.0	28.9	28.2	30.7	31.7	36.2	36.5	38.4	34.5	32.6	26.4	25.0	23.7	24.2	25.7	26.4
155.0	30.5	30.0	32.0	32.7	36.8	36.7	37.7	32.9	31.2	26.3	25.7	25.0	25.5	26.6	26.8
160.0	32.7	31.9	33.3	33.3	36.5	35.2	35.7	31.0	30.0	26.6	26.6	26.1	26.8	27.5	27.2
165.0	34.5	33.1	34.2	33.5	35.6	33.5	34.0	30.1	29.8	27.5	27.5	27.5	28.2	28.4	28.0
170.0	35.2	33.3	34.2	32.9	34.5	32.4	33.1	30.3	30.1	28.7	28.9	29.0	29.9	29.4	29.0
175.0	34.7	32.7	33.3	32.0	33.3	31.9	33.0	30.8	31.0	30.1	30.4	30.5	31.4	30.5	30.1
180.0	33.3	31.7	32.1	31.4	32.5	31.9	33.2	32.0	32.4	31.9	32.2	32.2	33.1	32.0	31.4

Temperature:25.3'C
Operators:
Test Date:11-11-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 71Ra. 0.2% Flickering. Temp 42.7

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W SH 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4738	DIMENSION: 521x128x40	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	2043	2039	2043	2035	2038	2028	2032	2023	2027
5.0	2024	2004	1988	1975	1965	1956	1954	1952	1969
10.0	2105	2080	2054	2049	2019	1994	1958	1934	1939
15.0	2311	2271	2237	2233	2185	2112	2018	1950	1930
20.0	2607	2565	2517	2502	2414	2260	2087	1971	1943
25.0	2970	2944	2871	2833	2661	2383	2122	1988	1966
30.0	3419	3379	3281	3184	2905	2459	2126	1959	1954
35.0	3909	3924	3804	3600	3124	2490	2063	1894	1924
40.0	4242	4577	4542	4153	3348	2484	1950	1826	1868
45.0	3956	5162	5739	5177	3697	2442	1849	1748	1802
50.0	2618	4901	7280	7398	4705	2417	1774	1677	1744
55.0	940	3183	7179	9263	6612	2611	1750	1644	1684
60.0	327	985	3946	7136	7268	3376	1831	1574	1384
65.0	243	322	1082	2248	4887	4099	1913	1024	627
70.0	193	180	280	693	1884	3684	1189	387	189
75.0	129	118	155	215	522	1171	273	123	142
80.0	73.0	60.6	105	121	163	118	136	71.0	96.0
85.0	40.2	27.2	66.6	78.6	85.3	38.1	69.1	41.0	58.2
90.0	18.6	12.3	41.0	17.1	24.5	7.80	20.2	7.50	19.4
95.0	17.2	14.1	21.5	13.4	17.8	7.70	13.2	5.10	10.9
100.0	19.0	17.7	25.0	19.1	21.1	11.2	13.6	6.20	10.4
105.0	20.9	21.2	28.7	24.6	25.5	15.8	15.6	8.40	10.8
110.0	22.5	24.1	32.2	29.6	30.0	20.8	18.7	11.5	12.3
115.0	24.1	26.1	34.5	33.1	34.2	25.4	22.5	15.2	14.8
120.0	26.0	27.7	35.6	34.7	36.5	28.9	26.1	19.1	17.8
125.0	27.9	29.3	36.1	35.4	37.0	30.7	28.9	22.5	20.9
130.0	29.4	31.2	37.0	35.9	37.5	32.2	31.0	25.4	23.9
135.0	30.7	32.6	37.7	36.5	38.5	34.0	32.9	27.7	26.4
140.0	31.9	33.8	38.1	37.4	39.3	35.4	34.4	29.6	28.2
145.0	32.4	34.9	39.2	38.5	40.4	36.5	35.5	30.8	29.6
150.0	31.9	34.5	40.2	39.5	41.7	37.5	36.2	32.0	30.7
155.0	31.0	33.1	39.2	39.2	42.2	38.1	37.0	33.2	32.3
160.0	30.4	31.6	37.0	37.2	41.0	37.5	37.5	34.5	34.0
165.0	30.1	30.7	34.9	35.2	38.7	36.2	37.2	35.0	35.2
170.0	30.4	30.5	33.5	33.7	36.3	34.5	36.0	34.5	35.2
175.0	31.0	30.7	32.9	32.7	34.5	33.0	34.5	33.2	34.5
180.0	31.9	31.4	32.7	32.5	33.0	32.0	32.7	32.0	32.7

Temperature:25.3'C
Operators:
Test Date:11-11-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
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Remarks: 71Ra. 0.2% Flickering. Temp 42.7