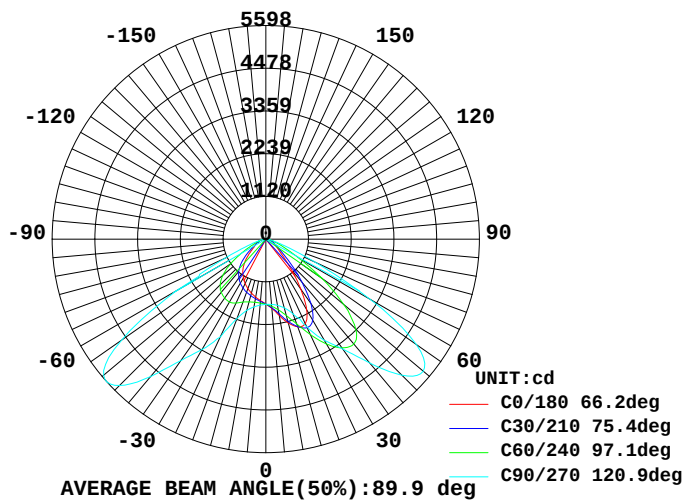


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 2Mx1L 40W 5000K SH Konsol		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4827	DIMENSION:	SERIAL No.:

MODEL :		Imax(cd) :	5598	Effective Flux(lm) :	6829.7
NOMINAL POWER(W) :	40	MAXIMUM(C, γ) :	90, 48.0	EEI	0.081
RATED VOLTAGE(V) :	220	EFFICIENCY(%) :	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm) :	6829.7	η street_up(%) :	0.7	Current(A)	0.187
TEST FLUX(lm) :	6829.7	η street_down(%) :	48.6	Power(W)	40.54
LAMPS QUANTITY :	1	η house_up(%) :	0.7	Power Factor	0.982
TOTAL RADIANT(mw) :	6829.7	η house_down(%) :	50.1	EEFICIENCY(lm/W)	168.4



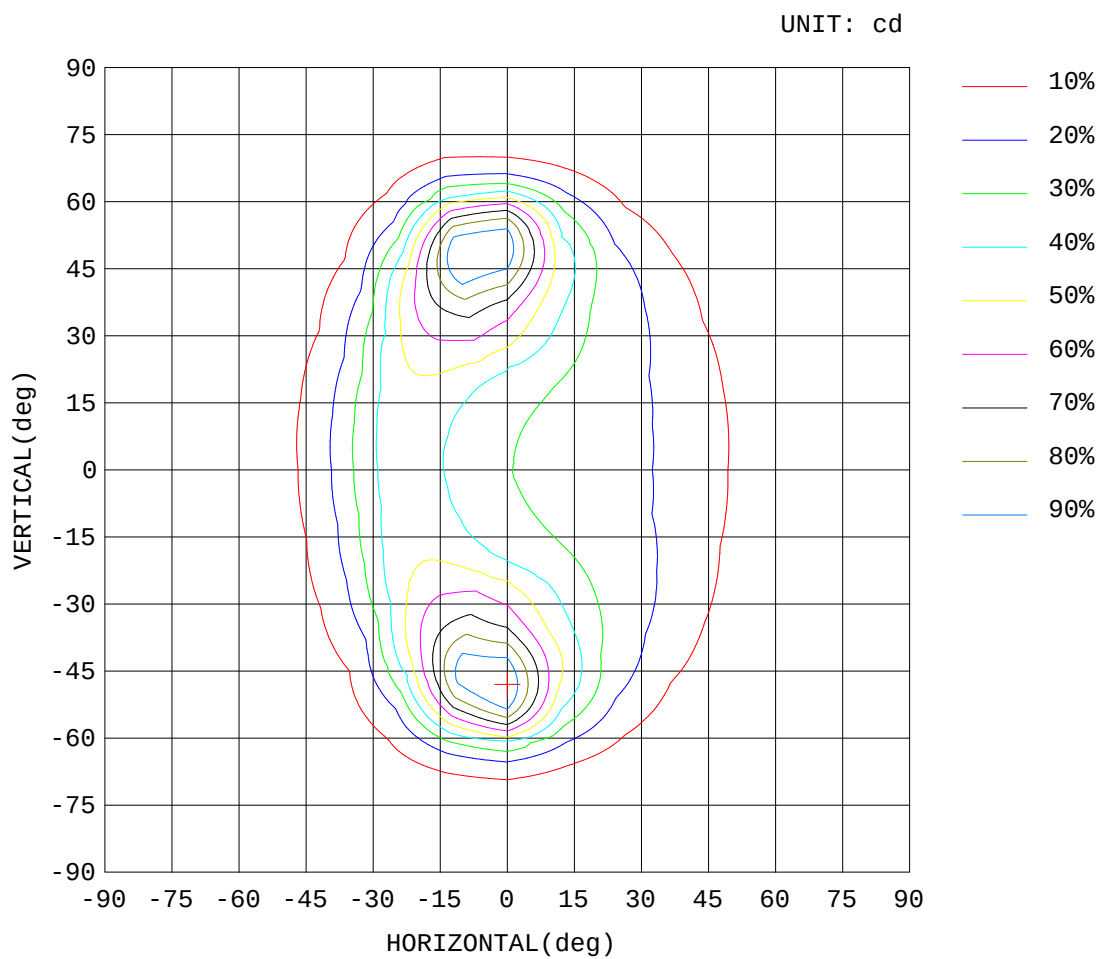
Temperature:25.3'C
 Operators:
 Test Date:02-06-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 70Ra, 0.7%Flickering

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 2Mx1L 40W 5000K SH Konso1		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4827	DIMENSION:	SERIAL No.:



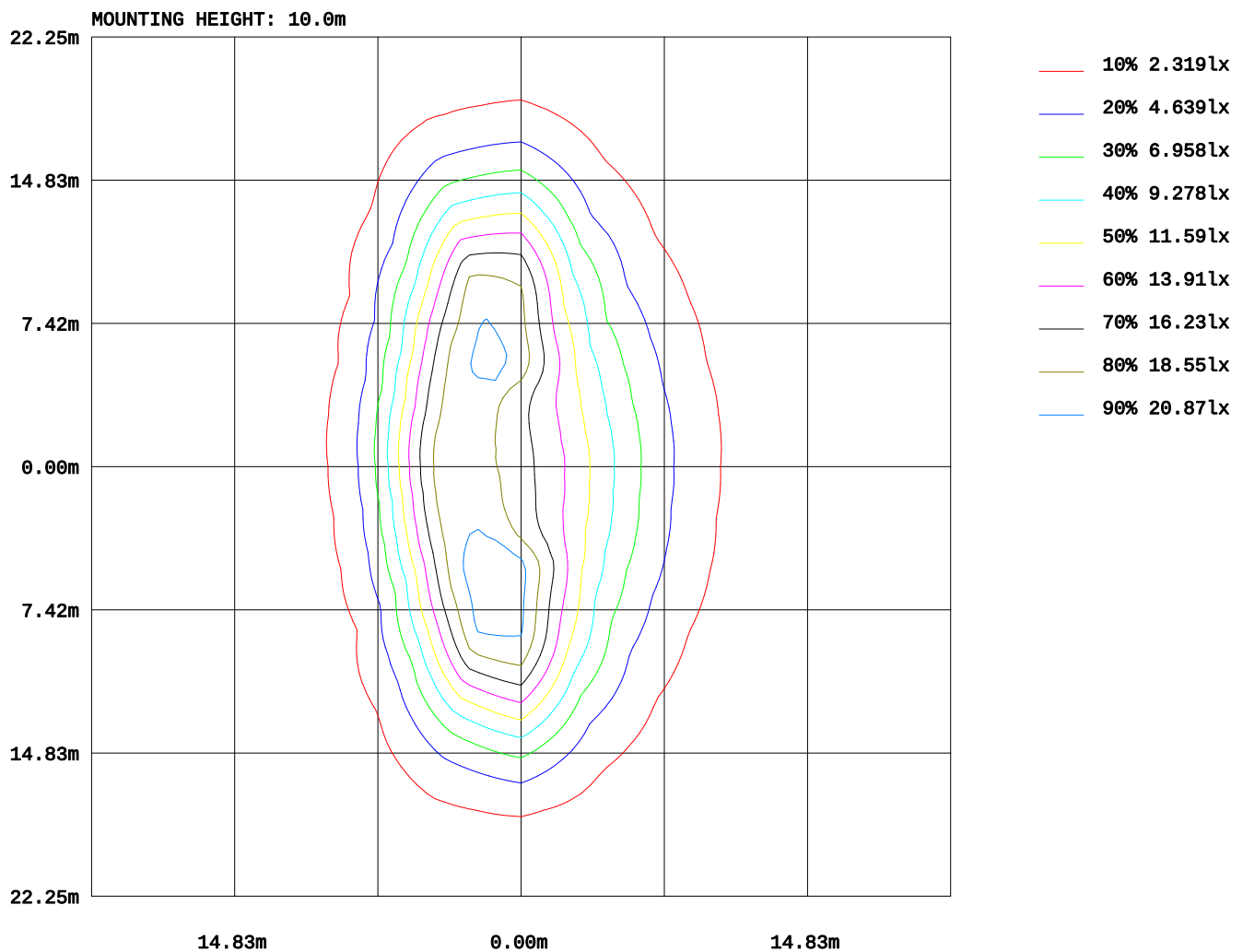
Temperature:25.3'C
Operators:
Test Date:02-06-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 70Ra, 0.7%Flickering

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 2Mx1L 40W 5000K SH Konso1		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4827	DIMENSION:	SERIAL No.:



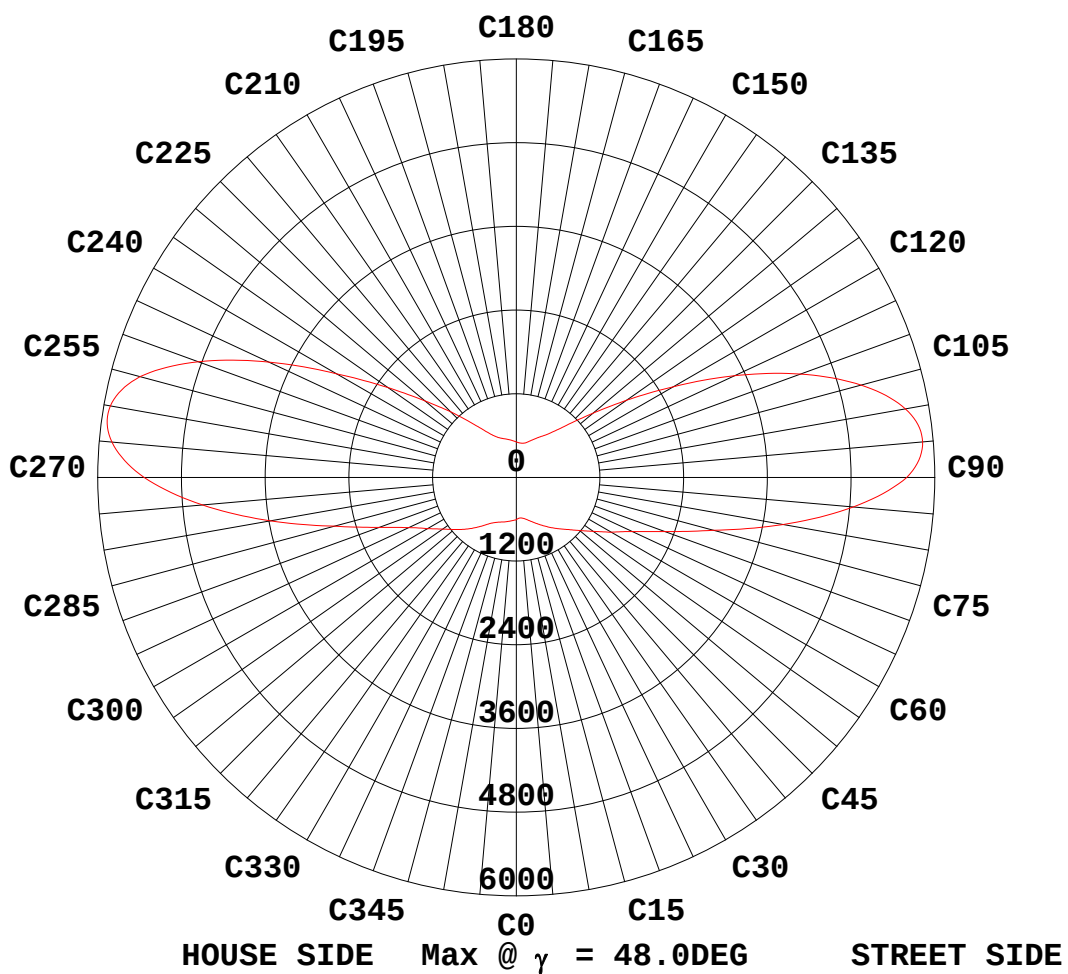
Temperature: 25.3°C
 Operators:
 Test Date: 02-06-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 70Ra, 0.7% Flickering

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 2Mx1L 40W 5000K SH Konsol		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4827	DIMENSION:	SERIAL No.:



Temperature: 25.3'C
 Operators:
 Test Date: 02-06-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 70Ra, 0.7% Flickering

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 2Mx1L 40W 5000K SH Konso1		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4827	DIMENSION:	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	1701	1692	1703	1698	1708	1707	1711	1713	1706	1711	1701	1708	1701	1692	1703
5.0	1618	1617	1638	1652	1682	1709	1738	1768	1784	1812	1818	1834	1822	1808	1804
10.0	1542	1546	1585	1622	1682	1742	1805	1873	1922	1984	2017	2050	2030	2007	1982
15.0	1464	1473	1533	1598	1704	1823	1934	2061	2144	2239	2268	2294	2275	2250	2227
20.0	1379	1397	1479	1581	1757	1990	2215	2393	2471	2494	2482	2463	2443	2441	2437
25.0	1284	1308	1416	1560	1847	2285	2833	2991	2876	2716	2581	2463	2443	2489	2560
30.0	1178	1207	1336	1517	1904	2587	3332	3585	3258	2795	2435	2175	2145	2265	2455
35.0	1055	1086	1234	1443	1883	2754	3887	4118	3483	2587	1981	1622	1605	1752	2062
40.0	906	938	1104	1335	1817	2962	4704	4803	3453	2060	1397	1067	1054	1188	1484
45.0	725	755	934	1185	1694	3044	5421	5228	3038	1448	897	665	650	747	952
50.0	535	555	712	956	1468	2793	5547	4855	2197	896	566	446	444	493	589
55.0	397	401	500	676	1126	2137	4611	3635	1454	543	393	333	338	364	396
60.0	322	312	358	441	745	1393	2722	2144	830	359	298	273	275	292	291
65.0	282	252	274	289	436	727	1184	987	488	244	235	216	227	241	222
70.0	185	193	210	195	266	351	505	433	304	176	191	167	173	200	175
75.0	172	127	165	136	177	179	244	203	194	124	146	117	121	144	131
80.0	130	80.0	110	71.9	112	98.4	133	104	119	75.7	98.4	75.8	82.9	102	86.1
85.0	66.0	34.5	54.0	31.2	54.5	41.2	62.4	41.1	59.6	31.9	51.5	32.0	42.5	55.1	40.5
90.0	13.4	4.90	15.7	5.10	17.4	8.40	20.0	8.00	16.7	4.50	13.4	3.50	3.50	14.5	4.90
95.0	9.20	3.10	9.30	4.20	12.4	7.90	15.7	6.40	11.5	3.80	9.20	3.10	3.50	9.09	3.30
100.0	8.50	3.60	8.90	5.70	13.5	10.8	17.0	8.80	11.5	4.60	8.80	3.70	4.00	8.50	4.00
105.0	8.20	4.30	9.09	7.70	15.4	13.7	18.9	11.3	12.4	5.70	8.70	4.30	4.70	8.50	4.90
110.0	8.40	5.40	10.0	10.2	17.8	16.5	21.0	14.0	13.7	7.00	9.00	5.10	5.50	8.70	5.90
115.0	9.09	6.80	11.4	12.9	19.9	18.7	22.7	16.5	15.2	8.50	9.60	6.10	6.50	9.20	7.00
120.0	10.2	8.80	13.3	15.5	21.6	19.9	23.8	18.2	16.9	10.0	10.3	7.10	7.60	9.80	8.29
125.0	11.8	10.9	15.5	17.8	22.7	20.4	24.2	19.5	18.2	11.5	11.3	8.29	8.80	10.7	9.70
130.0	13.7	13.2	17.5	19.6	23.4	20.8	24.2	20.2	19.3	13.0	12.2	9.50	10.0	11.5	11.1
135.0	15.7	15.4	19.4	21.1	24.2	21.6	24.2	20.7	20.2	14.3	13.2	10.8	11.3	12.6	12.4
140.0	17.6	17.4	21.0	22.3	25.0	22.6	24.6	21.4	20.8	15.5	14.3	12.0	12.5	13.6	13.6
145.0	19.1	19.0	22.1	23.1	25.7	24.0	25.7	22.5	21.4	16.5	15.2	13.3	13.7	14.7	14.9
150.0	20.2	20.2	22.9	23.6	26.4	25.5	27.0	23.5	21.9	17.5	16.4	14.7	15.0	15.9	16.1
155.0	21.2	21.1	23.5	24.0	26.9	26.3	27.5	24.0	22.5	18.6	17.6	16.2	16.5	17.2	17.2
160.0	22.3	22.2	24.0	24.2	27.0	26.4	27.4	24.0	22.7	19.6	18.7	17.9	18.4	18.6	18.6
165.0	23.7	23.1	24.5	24.2	26.6	25.7	26.9	23.7	23.1	20.6	20.1	19.5	20.4	20.1	19.9
170.0	24.9	23.9	24.7	24.2	25.9	24.7	26.1	23.5	23.4	21.6	21.5	21.1	22.2	21.6	21.1
175.0	25.4	24.0	24.7	23.9	25.2	24.1	25.7	23.6	23.9	22.7	22.7	22.7	23.9	22.9	22.4
180.0	25.0	23.8	24.1	23.5	24.5	23.9	25.5	24.2	24.5	23.9	24.0	23.8	25.0	24.1	23.5

Temperature:25.3'C
Operators:
Test Date:02-06-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 70Ra, 0.7%Flickering

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 2Mx1L 40W 5000K SH Konso1		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4827	DIMENSION:	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	1698	1708	1707	1711	1713	1706	1711	1701	1708
5.0	1781	1767	1739	1718	1692	1663	1649	1625	1624
10.0	1927	1880	1815	1763	1703	1645	1604	1562	1550
15.0	2152	2074	1957	1866	1751	1648	1567	1496	1474
20.0	2414	2362	2231	2081	1866	1672	1534	1432	1394
25.0	2662	2753	2820	2533	2105	1718	1502	1360	1305
30.0	2819	3173	3378	3056	2361	1750	1457	1276	1206
35.0	2730	3476	3921	3513	2495	1731	1389	1175	1090
40.0	2241	3587	4639	4233	2630	1671	1293	1049	950
45.0	1707	3332	5391	5045	2749	1566	1163	882	778
50.0	1106	2663	5508	5383	2598	1386	964	679	587
55.0	660	1803	4571	4817	2131	1083	705	480	429
60.0	425	1011	2962	3165	1494	712	473	343	336
65.0	295	568	1421	1422	838	417	317	276	282
70.0	205	332	601	552	416	238	188	203	188
75.0	160	188	291	234	182	154	173	148	161
80.0	107	110	162	119	141	95.0	110	94.3	113
85.0	60.2	49.0	81.4	50.5	77.6	42.5	56.8	41.4	60.7
90.0	17.6	7.80	27.5	9.80	25.0	8.50	18.2	7.30	21.7
95.0	10.0	4.70	14.7	7.80	14.7	5.70	10.1	3.40	9.09
100.0	9.80	6.30	15.4	10.7	16.1	7.90	10.1	4.00	8.40
105.0	10.1	8.29	17.0	13.7	18.0	10.7	11.0	5.00	8.20
110.0	10.9	10.5	19.0	16.6	20.4	13.7	12.7	6.50	8.50
115.0	12.0	12.9	21.1	19.2	22.5	16.5	14.9	8.60	9.30
120.0	13.3	15.0	22.7	20.9	23.8	19.0	17.2	11.0	10.7
125.0	14.5	16.6	23.7	21.6	24.2	20.5	19.5	13.5	12.6
130.0	15.9	18.0	24.1	22.0	24.4	21.6	21.4	16.0	14.5
135.0	17.0	19.0	24.2	22.2	24.6	22.7	23.0	18.1	16.5
140.0	17.9	19.6	24.2	22.7	25.2	23.7	24.2	19.9	18.6
145.0	18.7	20.2	24.7	23.8	26.1	24.6	25.0	21.4	20.2
150.0	19.5	20.9	25.5	25.0	27.2	25.2	25.4	22.3	21.5
155.0	20.1	21.4	25.9	25.7	28.0	25.7	25.7	22.9	22.4
160.0	20.9	21.9	25.9	25.9	28.2	26.0	25.9	23.5	23.1
165.0	21.6	22.2	25.6	25.5	27.7	25.6	25.9	23.9	24.0
170.0	22.3	22.5	25.0	25.0	26.6	25.0	25.6	24.2	24.6
175.0	23.1	22.9	24.7	24.6	25.7	24.4	25.2	24.1	24.7
180.0	24.0	23.7	24.9	24.6	24.9	24.0	24.2	23.8	24.2

Temperature:25.3'C
Operators:
Test Date:02-06-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 70Ra, 0.7%Flickering