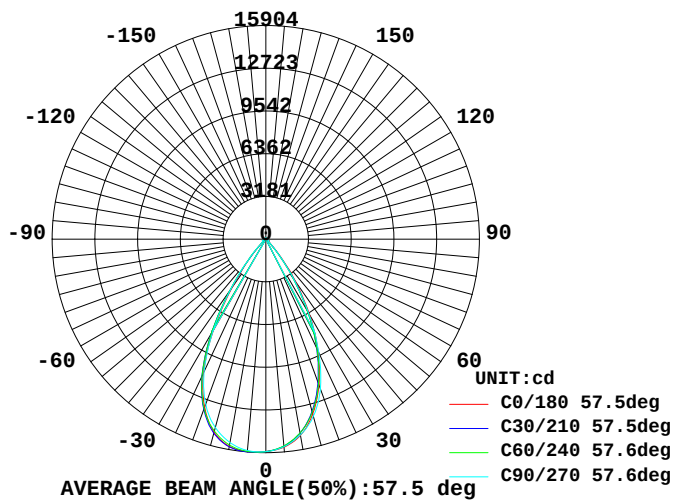


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 4Mx1L 80W 3000K G		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2944	DIMENSION: 671x128x40	SERIAL No.:

MODEL :		Imax(cd) :	15904	Effective Flux(lm) :	13908.2
NOMINAL POWER(W) :	80	MAXIMUM(C, γ) :	30, 5.0	EEI	0.078
RATED VOLTAGE(V) :	220	EFFICIENCY(%) :	100.0	Voltage(V)	220.1
NOMINAL FLUX(lm) :	13908.2	η street_up(%) :	0.6	Current(A)	0.379
TEST FLUX(lm) :	13908.2	η street_down(%) :	51.4	Power(W)	79.69
LAMPS QUANTITY :	1	η house_up(%) :	0.6	Power Factor	0.953
TOTAL RADIANT(mw) :	13908.2	η house_down(%) :	47.5	EEFICIENCY(lm/W)	174.5



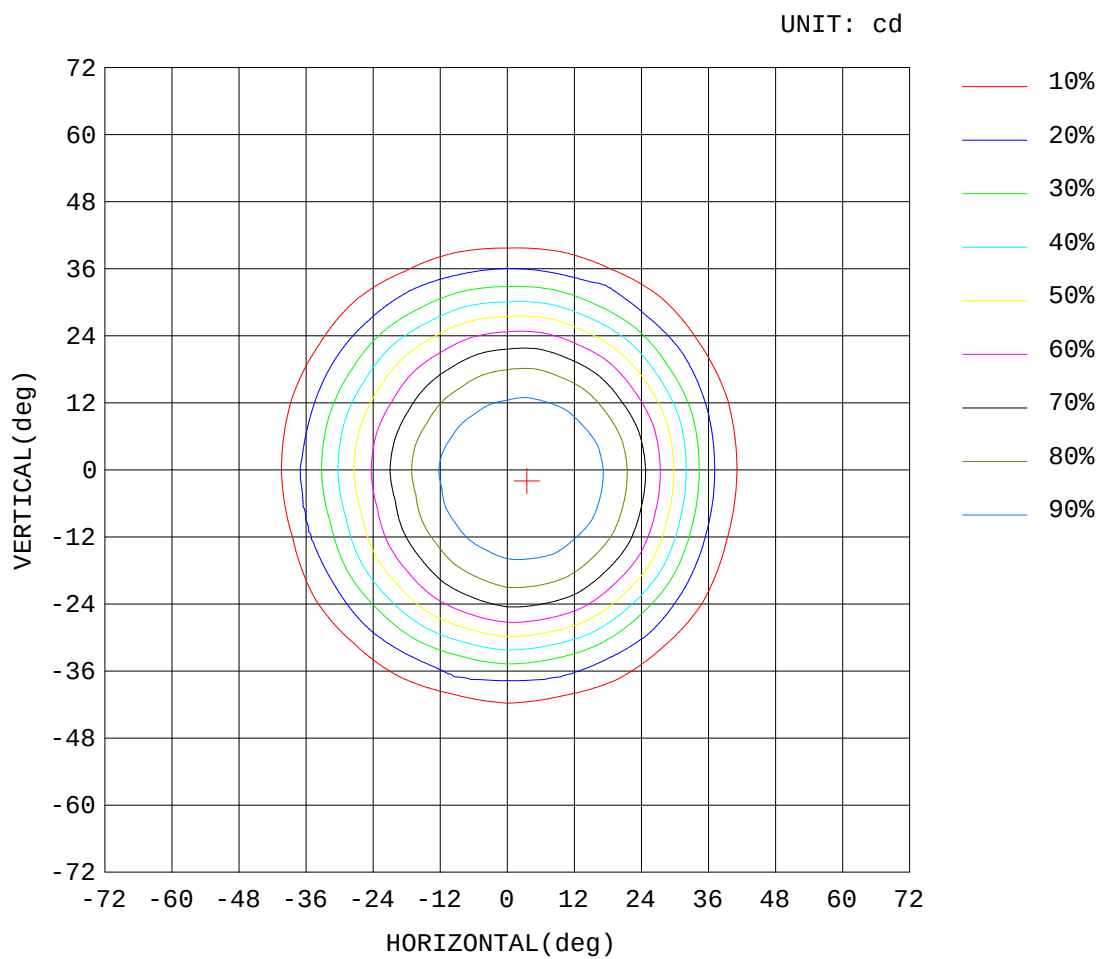
Temperature:25.3'C
Operators:
Test Date:06-09-2020

Humidity:65.0%
Test Distance:10.000 m
Remarks: 70Ra

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 4Mx1L 80W 3000K G		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2944	DIMENSION: 671x128x40	SERIAL No.:



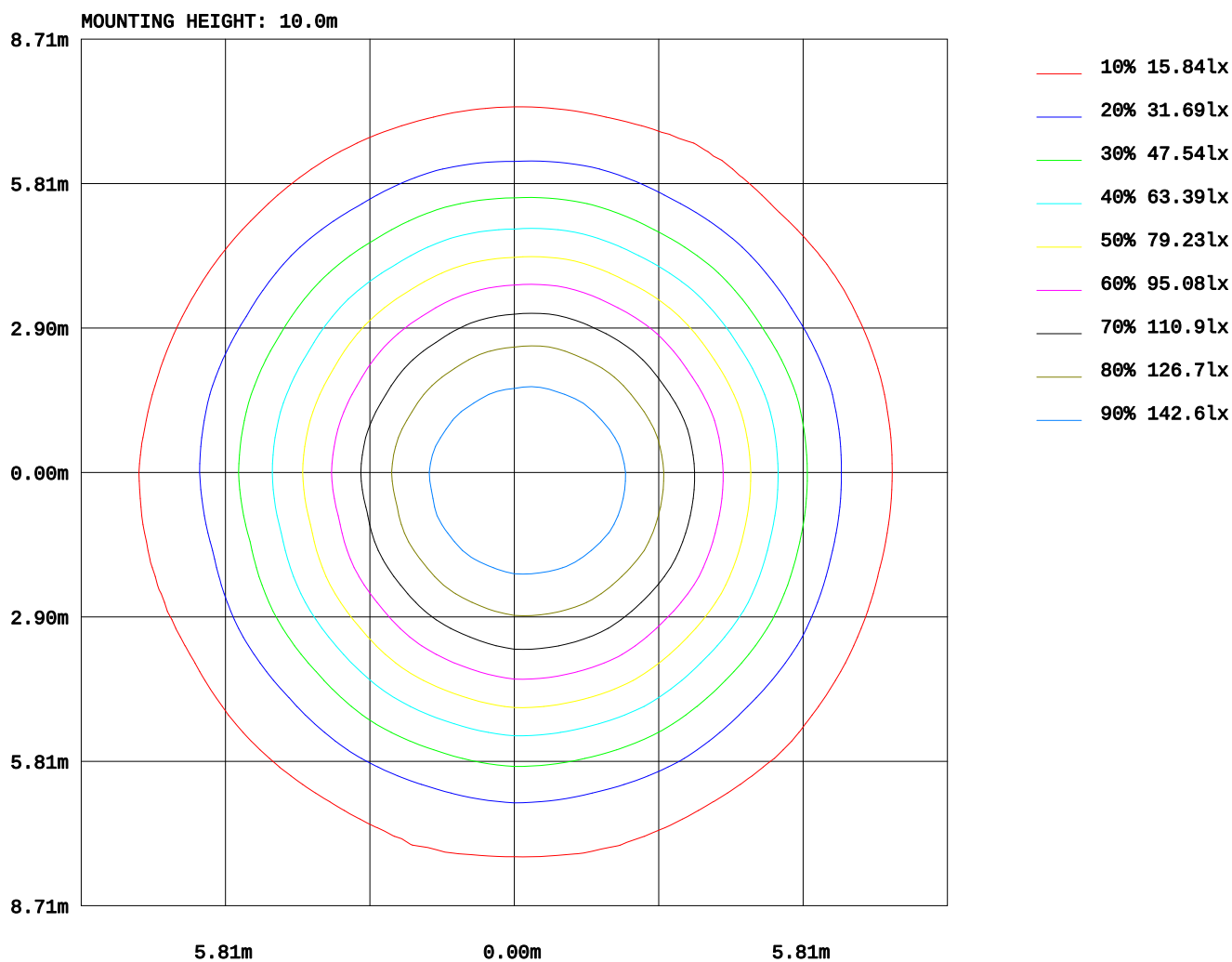
Temperature:25.3'C
Operators:
Test Date:06-09-2020

Humidity:65.0%
Test Distance:10.000 m
Remarks: 70Ra

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 4Mx1L 80W 3000K G		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2944	DIMENSION: 671x128x40	SERIAL No.:



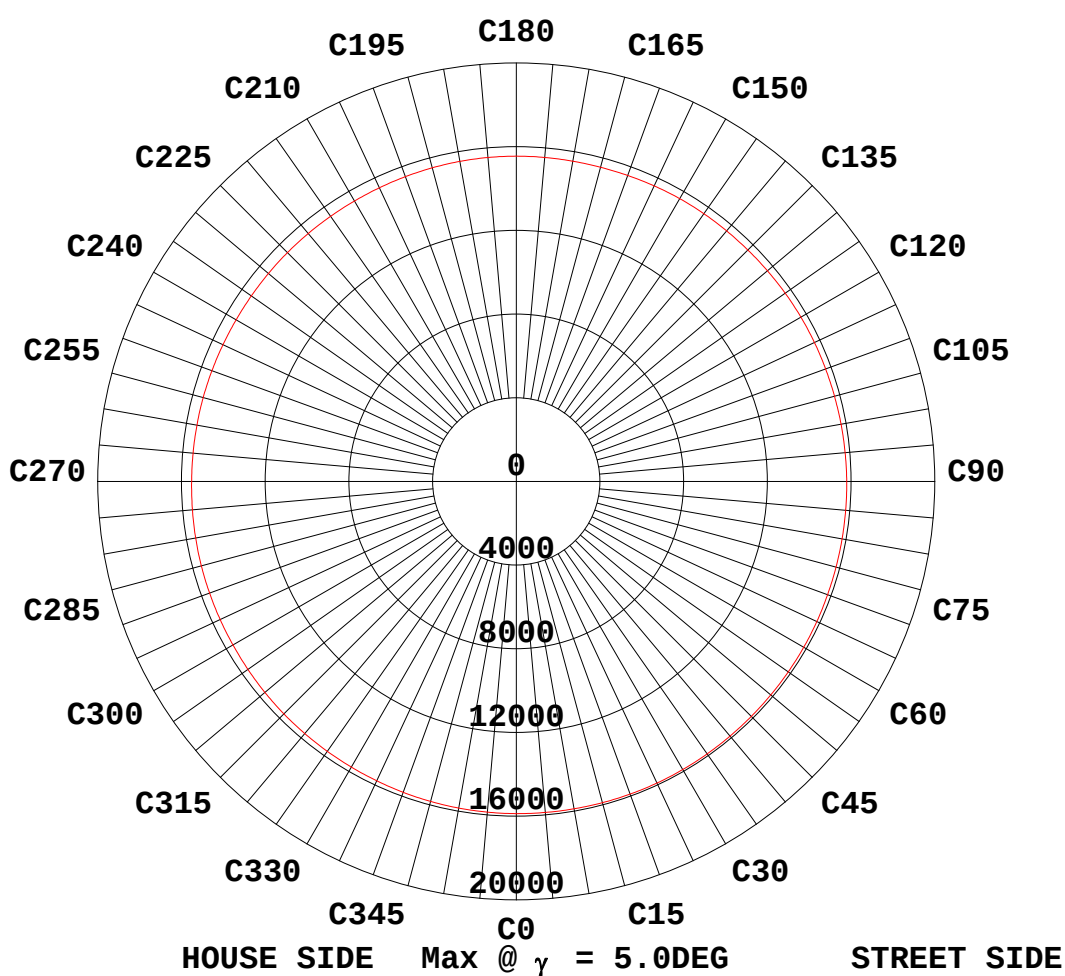
Temperature: 25.3°C
 Operators:
 Test Date: 06-09-2020

Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 70Ra

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 4Mx1L 80W 3000K G		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2944	DIMENSION: 671x128x40	SERIAL No.:



Temperature: 25.3'C
 Operators:
 Test Date: 06-09-2020

Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 70Ra

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:															
Address:															
NAME: Optimus 4Mx1L 80W 3000K G								TYPE:				WEIGHT:			
SPECIFICATION:				CCT(K): 2944				DIMENSION: 671x128x40				SERIAL No.:			

UNIT: μ A10cd

C(deg) γ (deg)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	1581	1582	1581	1582	1582	1583	1582	1583	1582	1582	1581	1580	1581	1582	1581
5.0	1588	1590	1590	1588	1586	1582	1579	1574	1571	1565	1561	1555	1555	1552	1548
10.0	1567	1570	1571	1562	1557	1544	1538	1525	1519	1504	1498	1482	1484	1478	1468
15.0	1489	1492	1497	1484	1481	1463	1453	1427	1410	1380	1368	1341	1347	1343	1327
20.0	1332	1339	1349	1342	1343	1325	1309	1272	1242	1202	1178	1148	1158	1149	1137
25.0	1101	1104	1128	1117	1125	1099	1089	1042	1018	969	949	910	923	914	899
30.0	781	784	816	802	816	787	785	744	731	686	674	635	652	650	625
35.0	433	438	460	456	469	458	460	435	425	399	393	370	388	382	362
40.0	195	192	195	202	195	210	198	196	195	175	181	158	174	169	149
45.0	56.3	50.4	59.6	55.0	65.2	58.7	67.4	55.5	59.4	49.6	53.2	46.5	50.8	52.4	45.0
50.0	33.1	30.1	33.0	30.8	33.7	31.5	34.7	31.0	33.0	30.3	32.4	29.7	31.0	32.5	29.7
55.0	27.7	24.7	27.2	25.3	27.6	25.4	28.0	25.0	27.2	24.8	26.7	24.5	25.3	26.3	24.0
60.0	27.2	23.4	24.9	23.8	25.2	23.6	26.8	23.2	24.9	23.3	24.6	23.8	25.3	25.0	22.6
65.0	30.9	22.2	19.5	22.8	23.5	22.0	26.9	21.7	23.7	22.2	19.4	22.2	28.4	23.9	21.2
70.0	24.2	19.4	21.3	19.7	21.2	19.2	23.8	19.1	21.5	19.4	21.1	19.7	22.0	21.7	18.5
75.0	22.0	14.1	18.0	16.0	17.9	15.5	19.5	15.6	18.0	15.5	17.8	13.1	19.2	17.4	14.8
80.0	11.5	8.07	13.3	9.37	13.3	9.90	13.1	10.5	13.1	9.25	13.0	7.62	9.23	10.3	9.87
85.0	5.41	3.39	6.65	4.72	7.41	4.66	7.61	4.79	6.90	4.48	6.42	3.49	3.77	5.54	3.74
90.0	1.36	0.53	1.97	0.85	2.47	1.31	2.73	1.31	2.43	0.86	1.94	0.53	0.46	1.76	0.62
95.0	1.11	0.42	1.11	0.41	1.16	0.43	1.26	0.42	1.15	0.41	1.10	0.42	0.44	1.08	0.42
100.0	1.01	0.46	1.01	0.45	1.02	0.45	1.03	0.45	1.01	0.45	1.01	0.47	0.49	0.99	0.46
105.0	0.97	0.53	0.95	0.51	0.95	0.50	0.96	0.50	0.95	0.52	0.96	0.55	0.57	0.95	0.55
110.0	1.01	0.66	0.97	0.61	0.95	0.59	0.95	0.60	0.95	0.64	0.98	0.70	0.73	1.01	0.71
115.0	1.15	0.89	1.08	0.82	1.03	0.79	1.03	0.80	1.05	0.87	1.12	0.97	1.02	1.19	1.00
120.0	1.42	1.27	1.34	1.17	1.27	1.12	1.25	1.15	1.31	1.26	1.43	1.40	1.48	1.55	1.47
125.0	1.86	1.77	1.75	1.66	1.66	1.60	1.66	1.65	1.74	1.81	1.91	1.98	2.09	2.08	2.09
130.0	2.41	2.40	2.30	2.31	2.22	2.26	2.21	2.33	2.33	2.51	2.53	2.68	2.84	2.74	2.86
135.0	3.10	3.13	2.96	3.04	2.90	3.03	2.93	3.11	3.06	3.30	3.25	3.48	3.67	3.51	3.68
140.0	3.84	3.88	3.67	3.78	3.65	3.83	3.73	3.92	3.84	4.07	4.01	4.30	4.51	4.33	4.48
145.0	4.60	4.68	4.39	4.55	4.39	4.66	4.52	4.74	4.59	4.85	4.76	5.11	5.34	5.14	5.30
150.0	5.37	5.43	5.15	5.31	5.15	5.43	5.30	5.51	5.35	5.60	5.54	5.91	6.12	5.93	6.09
155.0	6.11	6.19	5.90	6.05	5.90	6.20	6.02	6.24	6.08	6.35	6.31	6.67	6.82	6.69	6.82
160.0	6.88	6.95	6.63	6.85	6.65	7.00	6.72	6.96	6.78	7.11	7.05	7.44	7.54	7.41	7.52
165.0	7.70	7.70	7.42	7.63	7.47	7.80	7.52	7.71	7.54	7.84	7.79	8.17	8.28	8.13	8.21
170.0	8.50	8.42	8.17	8.37	8.27	8.59	8.37	8.46	8.28	8.53	8.48	8.80	8.93	8.74	8.75
175.0	9.13	8.97	8.79	8.94	8.88	9.15	9.09	9.05	8.89	9.04	8.99	9.20	9.38	9.13	9.12
180.0	9.46	9.26	9.17	9.19	9.21	9.35	9.55	9.36	9.26	9.26	9.24	9.30	9.50	9.25	9.20

Temperature:25.3'C
Operators:
Test Date:06-09-2020

Humidity:65.0%
Test Distance:10.000 m
Remarks: 70Ra

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 4Mx1L 80W 3000K G		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2944	DIMENSION: 671x128x40	SERIAL No.:

UNIT: μA10cd

γ (deg) \ C(deg)	225	240	255	270	285	300	315	330	345
0.0	1582	1582	1583	1582	1583	1582	1582	1581	1580
5.0	1547	1546	1549	1552	1559	1563	1571	1577	1583
10.0	1467	1466	1475	1481	1496	1508	1526	1540	1557
15.0	1335	1335	1357	1366	1392	1404	1431	1446	1477
20.0	1145	1149	1173	1190	1219	1235	1265	1286	1320
25.0	905	905	926	938	969	987	1023	1045	1084
30.0	634	619	641	637	669	675	718	731	776
35.0	360	350	361	360	375	376	398	408	437
40.0	152	140	151	148	160	154	173	174	194
45.0	49.3	43.9	49.4	46.2	50.1	44.6	50.6	46.6	56.2
50.0	32.1	29.5	32.1	30.4	32.4	29.7	32.5	30.0	33.0
55.0	26.3	24.0	26.3	24.9	26.5	24.2	26.8	24.6	27.0
60.0	25.1	22.7	24.7	24.8	24.7	22.7	25.2	22.9	25.4
65.0	24.1	21.0	20.7	25.3	20.7	21.1	24.2	21.5	24.2
70.0	21.0	18.2	20.2	20.1	20.1	18.2	21.1	18.8	21.8
75.0	17.4	14.2	16.6	15.5	16.6	14.2	17.5	15.1	16.9
80.0	10.4	9.32	10.6	8.55	11.3	9.15	10.8	10.0	10.1
85.0	5.68	3.61	5.39	3.79	5.57	3.71	5.91	3.89	5.44
90.0	1.90	0.83	2.10	0.84	2.15	0.85	1.96	0.62	1.73
95.0	1.09	0.42	1.09	0.42	1.10	0.41	1.09	0.41	1.08
100.0	0.99	0.46	0.98	0.46	0.98	0.45	0.99	0.45	0.99
105.0	0.94	0.53	0.93	0.52	0.94	0.52	0.94	0.52	0.94
110.0	0.98	0.67	0.96	0.65	0.96	0.65	0.96	0.67	0.98
115.0	1.15	0.94	1.10	0.91	1.09	0.90	1.11	0.92	1.13
120.0	1.51	1.40	1.43	1.34	1.40	1.32	1.42	1.32	1.42
125.0	2.05	2.02	1.96	1.94	1.91	1.90	1.89	1.87	1.87
130.0	2.75	2.80	2.64	2.71	2.56	2.63	2.52	2.56	2.45
135.0	3.54	3.66	3.44	3.57	3.35	3.45	3.25	3.32	3.14
140.0	4.34	4.48	4.30	4.45	4.19	4.27	4.02	4.09	3.91
145.0	5.10	5.29	5.11	5.31	5.00	5.08	4.77	4.90	4.70
150.0	5.84	6.05	5.89	6.08	5.79	5.86	5.53	5.70	5.50
155.0	6.58	6.73	6.57	6.75	6.54	6.60	6.30	6.46	6.26
160.0	7.27	7.41	7.21	7.46	7.27	7.37	7.05	7.22	6.99
165.0	7.94	8.08	7.90	8.24	8.04	8.14	7.81	7.96	7.73
170.0	8.55	8.66	8.55	8.94	8.74	8.78	8.50	8.61	8.44
175.0	9.00	9.10	9.08	9.44	9.20	9.19	9.01	9.08	8.97
180.0	9.17	9.23	9.34	9.59	9.35	9.29	9.24	9.25	9.29

Temperature: 25.3'C
Operators:
Test Date: 06-09-2020

Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 70Ra