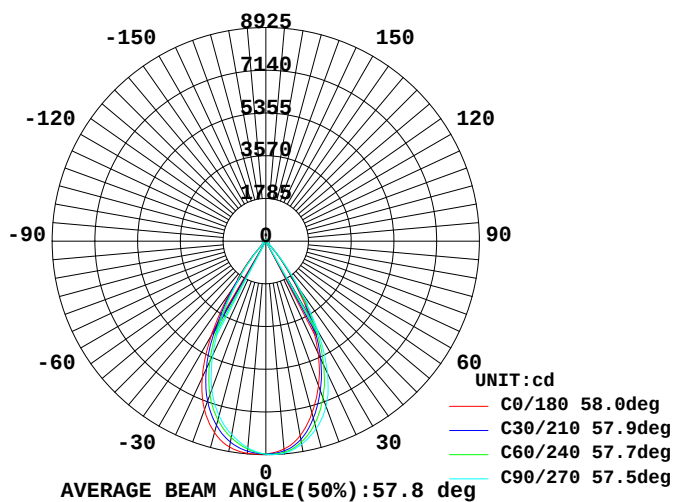


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 2Mx1L 40W 5000K 60G		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4706	DIMENSION: 371x128	SERIAL No.:

MODEL:		Imax(cd):	8945	Effective Flux(lm):	7823.9
NOMINAL POWER(W):	42	MAXIMUM(C, γ):	315, 4.0	EEI	0.073
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm):	7823.9	η street_up(%):	0.7	Current(A)	0.194
TEST FLUX(lm):	7823.9	η street_down(%):	47.6	Power(W)	42.15
LAMPS QUANTITY:	1	η house_up(%):	0.7	Power Factor	0.985
TOTAL RADIANT(mw):	7823.9	η house_down(%):	51.0	EEFICIENCY(lm/W)	185.6



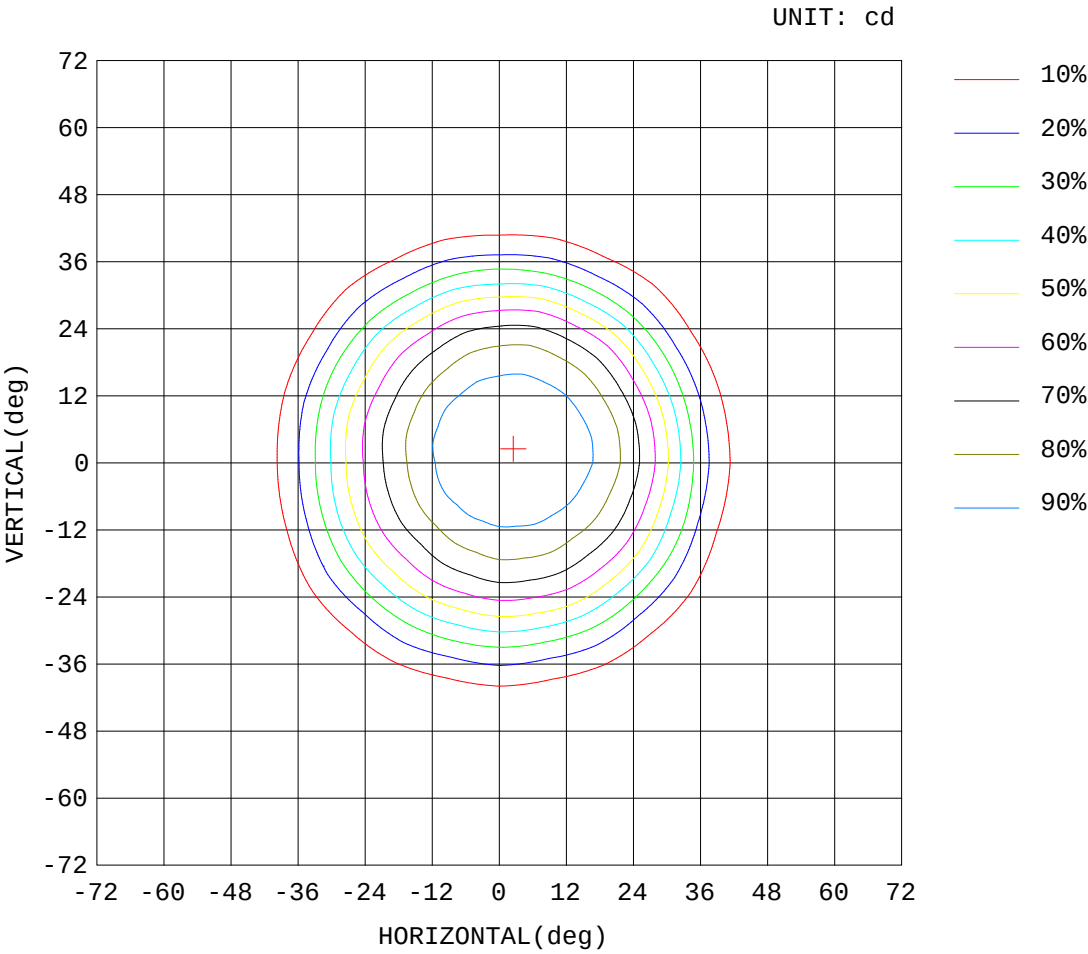
Test System:
 Temperature: 25.3°C
 Operators:
 Test Date: 05-15-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 71Ra 0.1% Flicker 40 Temp

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 2Mx1L 40W 5000K 60G		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4706	DIMENSION: 371x128	SERIAL No.:



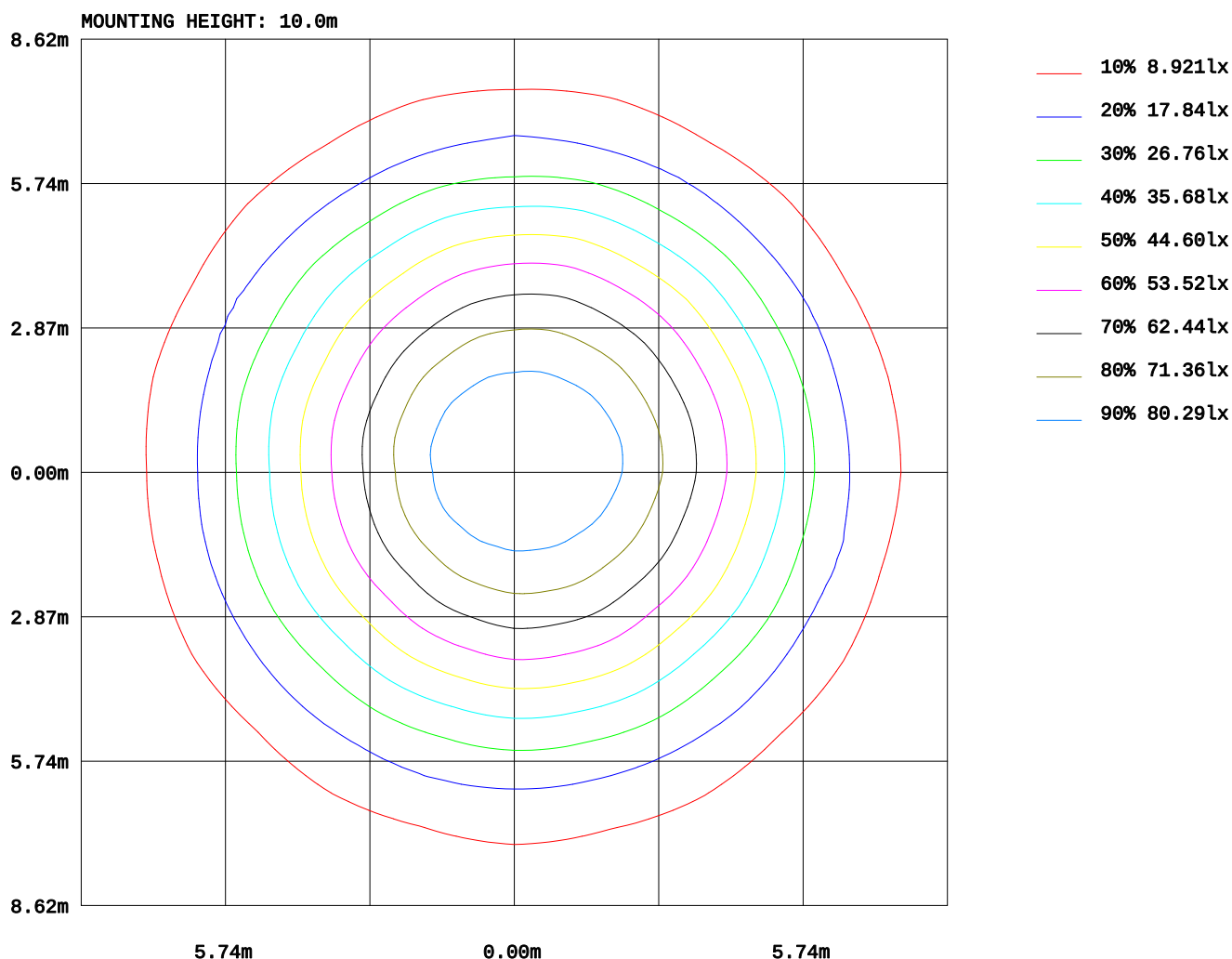
Test System:
Temperature:25.3'C
Operators:
Test Date:05-15-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 71Ra 0.1% Flicker 40 Temp

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 2Mx1L 40W 5000K 60G		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4706	DIMENSION: 371x128	SERIAL No.:



Test System:
Temperature: 25.3°C
Operators:
Test Date: 05-15-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 71Ra 0.1% Flicker 40 Temp

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 2Mx1L 40W 5000K 60G		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4706	DIMENSION: 371x128	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	8885	8889	8890	8889	8897	8893	8901	8898	8906	8901	8908	8899	8885	8889	8890
5.0	8897	8848	8809	8751	8718	8672	8664	8643	8662	8659	8702	8718	8722	8773	8797
10.0	8737	8620	8525	8396	8329	8238	8206	8145	8150	8133	8192	8226	8261	8371	8421
15.0	8288	8104	7972	7812	7741	7613	7557	7442	7411	7335	7385	7412	7438	7609	7659
20.0	7491	7258	7107	6903	6825	6665	6595	6433	6384	6286	6350	6379	6435	6599	6660
25.0	6289	6036	5883	5637	5531	5315	5242	5087	5093	5027	5122	5146	5193	5372	5427
30.0	4581	4345	4243	3990	3901	3697	3664	3530	3573	3523	3642	3636	3614	3838	3856
35.0	2599	2401	2374	2195	2045	2074	2053	1983	2043	1953	2073	2025	2033	2055	2179
40.0	1172	998	1008	881	920	821	886	773	831	763	850	802	836	912	879
45.0	344	341	293	239	272	228	264	218	250	216	254	227	236	284	239
50.0	204	175	198	172	194	169	191	166	188	167	189	167	171	194	171
55.0	170	148	165	148	164	147	164	146	161	145	161	146	153	163	147
60.0	160	137	149	135	148	136	156	135	147	135	147	138	143	152	134
65.0	168	127	136	124	135	123	149	123	136	124	135	127	163	141	122
70.0	140	113	121	107	119	104	127	105	119	106	120	115	124	130	107
75.0	128	82.3	99.5	83.3	97.3	83.0	110	83.3	97.2	81.5	100	83.0	109	105	86.0
80.0	72.8	44.5	69.5	46.0	68.0	50.1	66.0	49.9	66.0	44.6	69.9	46.7	54.9	62.5	55.9
85.0	35.7	20.4	35.0	22.0	33.0	19.2	37.0	18.0	30.5	19.6	33.0	19.7	18.6	32.1	21.4
90.0	10.5	4.90	13.6	6.20	13.0	6.80	14.2	6.40	12.0	5.60	12.3	4.30	3.50	11.5	5.00
95.0	8.40	3.30	8.20	3.40	8.20	3.50	8.70	3.50	8.10	3.40	8.10	3.40	3.60	8.10	3.30
100.0	7.80	3.60	7.60	3.60	7.50	3.70	7.60	3.70	7.50	3.70	7.50	3.70	3.90	7.50	3.60
105.0	7.40	4.00	7.30	4.00	7.20	4.10	7.30	4.10	7.20	4.10	7.30	4.10	4.30	7.20	4.00
110.0	7.40	4.80	7.40	4.80	7.30	4.90	7.40	5.00	7.40	5.00	7.40	5.00	5.20	7.40	4.80
115.0	8.10	6.20	8.10	6.30	8.20	6.50	8.29	6.60	8.29	6.70	8.29	6.70	7.00	8.29	6.40
120.0	9.70	8.50	9.80	8.70	10.0	9.00	10.2	9.30	10.3	9.30	10.4	9.40	9.90	10.3	9.09
125.0	12.3	11.8	12.6	12.3	12.9	12.7	13.3	13.0	13.6	13.3	13.7	13.2	13.7	13.6	12.8
130.0	15.7	16.0	16.3	16.7	16.9	17.4	17.4	17.9	17.8	18.1	17.9	18.0	18.9	18.0	17.7
135.0	20.1	20.7	20.9	21.7	21.6	22.6	22.4	23.1	22.9	23.6	22.9	23.1	24.5	23.0	23.1
140.0	25.2	26.1	25.7	27.1	26.9	28.2	27.9	28.9	28.2	29.0	28.2	29.0	30.4	28.6	28.7
145.0	30.4	31.6	30.7	32.3	31.9	33.7	33.3	34.5	33.2	34.2	33.2	34.7	36.3	34.2	34.2
150.0	35.6	36.8	35.9	37.2	37.0	39.0	38.5	39.5	38.2	39.2	38.5	39.8	41.7	39.5	39.7
155.0	40.5	41.9	40.7	42.3	42.0	44.0	43.0	44.0	42.7	44.0	43.3	44.9	46.2	44.8	44.8
160.0	45.5	47.0	45.6	47.5	46.9	49.2	47.6	48.5	47.0	48.6	48.1	49.7	50.9	49.7	49.7
165.0	51.0	52.0	50.9	52.6	52.1	54.2	52.8	53.2	51.8	53.3	52.8	54.7	55.6	54.5	54.4
170.0	56.9	57.0	56.0	57.5	57.0	58.9	58.2	58.0	56.6	57.9	57.4	59.1	60.6	58.8	58.7
175.0	61.5	60.9	60.0	61.1	60.9	62.0	62.4	61.5	60.3	61.0	60.7	61.7	63.8	61.9	61.5
180.0	64.0	62.8	62.1	62.5	62.5	62.9	64.4	63.0	62.3	62.1	62.0	62.5	64.3	62.6	62.4

Test System:
Temperature:25.3'C
Operators:
Test Date:05-15-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 71Ra 0.1% Flicker 40 Temp

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 2Mx1L 40W 5000K 60G		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4706	DIMENSION: 371x128	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	8889	8897	8893	8901	8898	8906	8901	8908	8899
5.0	8837	8853	8882	8891	8916	8924	8937	8933	8931
10.0	8503	8533	8596	8620	8679	8709	8766	8779	8790
15.0	7831	7902	8063	8114	8229	8235	8326	8314	8355
20.0	6845	6985	7227	7350	7496	7490	7543	7517	7562
25.0	5614	5731	5987	6110	6301	6297	6370	6325	6359
30.0	4082	4085	4318	4334	4569	4537	4697	4568	4630
35.0	2332	2330	2497	2492	2622	2554	2644	2547	2603
40.0	993	962	1087	1066	1150	1065	1139	1062	1135
45.0	301	260	329	336	346	342	342	352	334
50.0	198	175	201	179	201	176	201	175	200
55.0	166	149	168	152	168	150	168	149	166
60.0	150	136	153	144	153	136	152	135	153
65.0	138	124	140	138	141	124	140	124	143
70.0	122	107	123	117	125	109	125	109	131
75.0	101	84.5	103	98.7	104	86.1	104	86.0	103
80.0	64.2	55.4	73.1	56.3	72.3	57.9	66.3	56.3	61.5
85.0	33.8	18.4	35.7	29.3	36.7	21.2	36.7	23.8	31.7
90.0	14.0	5.90	15.8	8.60	16.4	6.60	15.0	5.90	12.6
95.0	8.10	3.30	8.60	3.60	8.70	3.40	8.20	3.30	8.10
100.0	7.50	3.60	7.60	3.60	7.60	3.50	7.60	3.60	7.50
105.0	7.20	3.90	7.20	3.90	7.20	3.90	7.20	3.90	7.20
110.0	7.20	4.70	7.20	4.60	7.20	4.60	7.20	4.60	7.20
115.0	8.00	6.10	7.90	6.00	7.80	5.90	7.80	6.00	7.90
120.0	9.90	8.60	9.50	8.20	9.30	8.10	9.40	8.29	9.50
125.0	12.9	12.1	12.3	11.5	12.0	11.4	12.0	11.5	12.3
130.0	17.1	16.6	16.2	16.0	15.8	15.7	15.8	15.9	16.0
135.0	22.0	22.1	20.9	21.1	20.2	20.8	20.4	20.9	20.5
140.0	27.2	27.5	26.1	26.6	25.6	26.1	25.4	26.1	25.6
145.0	32.6	32.9	31.7	32.5	31.0	31.7	30.5	31.6	31.0
150.0	37.5	38.4	36.8	38.1	36.3	37.0	35.7	36.8	36.2
155.0	42.6	43.2	41.9	42.8	41.6	42.2	40.7	42.0	41.2
160.0	47.6	48.1	46.7	47.7	46.9	47.5	45.7	47.0	46.2
165.0	52.2	52.9	51.5	53.1	52.2	52.6	50.9	52.1	51.0
170.0	57.0	57.7	56.4	58.4	57.3	57.5	56.0	57.0	56.0
175.0	60.7	61.1	60.6	62.6	61.1	61.0	60.1	60.6	60.0
180.0	62.4	62.6	62.8	64.5	62.9	62.5	62.0	62.1	62.3

Test System:
Temperature:25.3'C
Operators:
Test Date:05-15-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 71Ra 0.1% Flicker 40 Temp