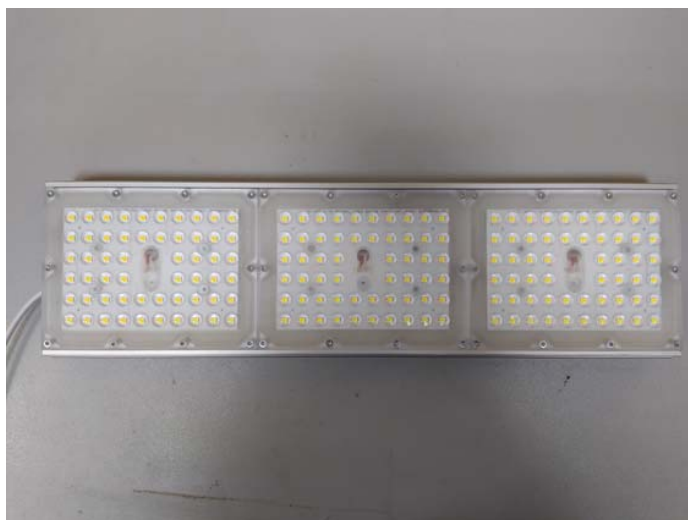
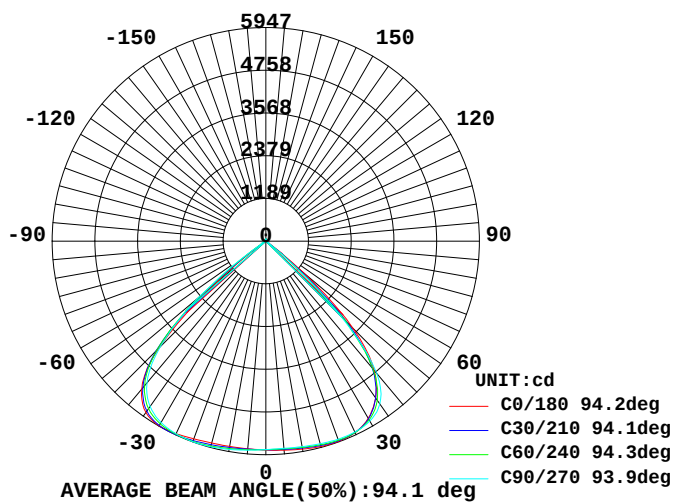


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 90 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4741	DIMENSION: 521x128x40	SERIAL No.:

MODEL:		Imax(cd):	5955	Effective Flux(lm):	11796.6
NOMINAL POWER(W):	60	MAXIMUM(C, γ):	120, 19.0	EEI	0.070
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.1
NOMINAL FLUX(lm):	11796.6	η street_up(%):	0.6	Current(A)	0.281
TEST FLUX(lm):	11796.6	η street_down(%):	51.5	Power(W)	60.58
LAMPS QUANTITY:	1	η house_up(%)	0.7	Power Factor	0.978
TOTAL RADIANT(mw):	11796.6	η house_down(%)	47.2	EEFICIENCY(lm/W)	194.7



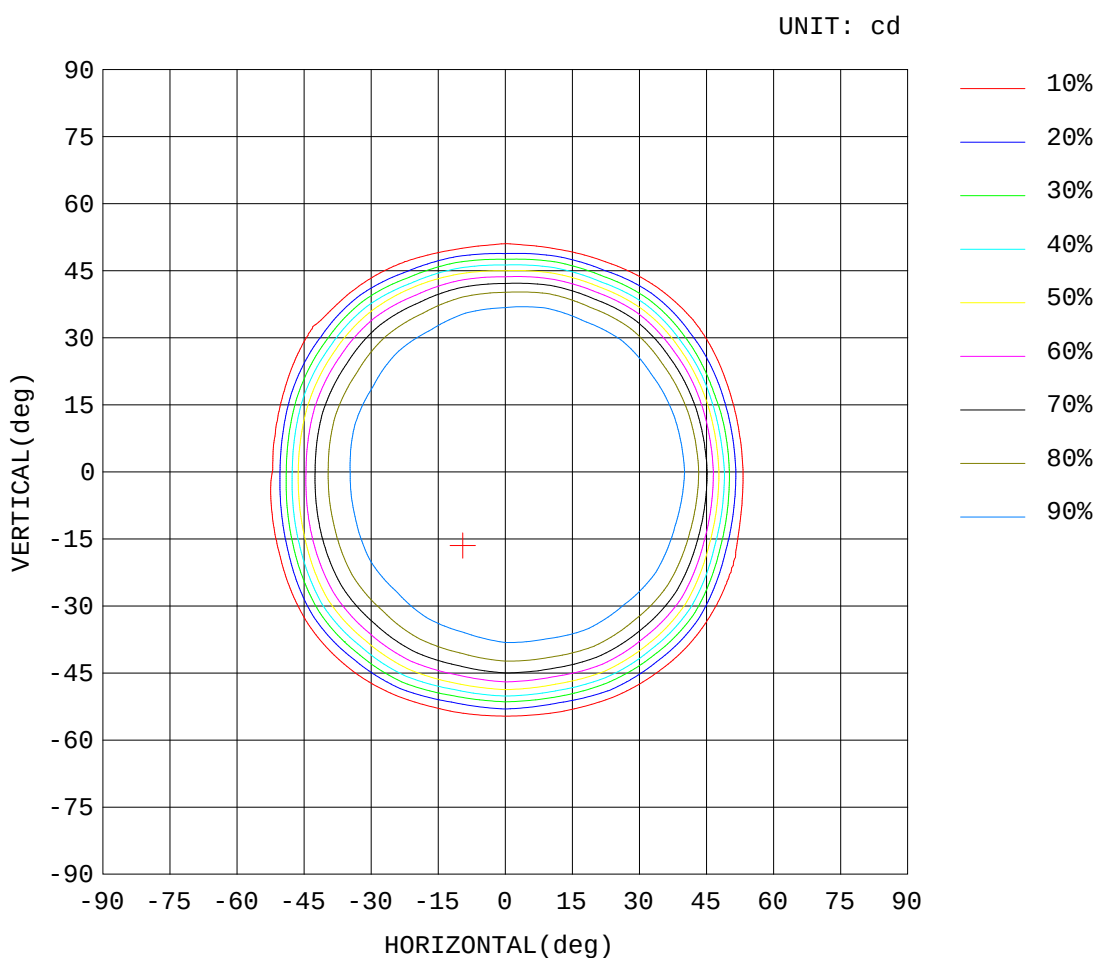
Temperature:25.3'C
 Operators:
 Test Date:27-10-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 71Ra. 0.2% Flickering. Temp 39.6

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 90 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4741	DIMENSION: 521x128x40	SERIAL No.:



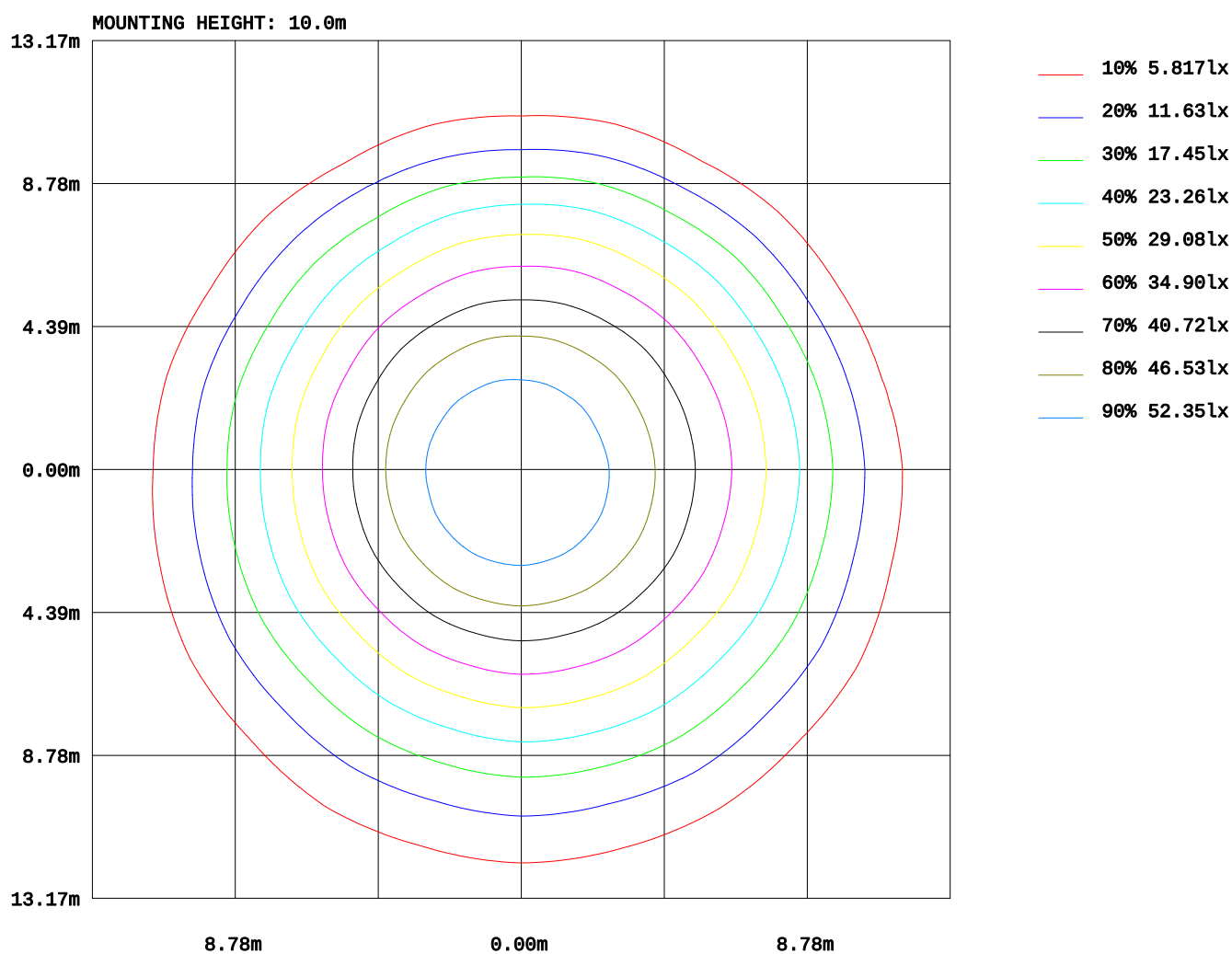
Temperature: 25.3°C
Operators:
Test Date: 27-10-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 71Ra. 0.2% Flickering. Temp 39.6

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 90 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4741	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: 71Ra. 0.2% Flickering. Temp 39.6

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:															
Address:															
NAME: Optimus 3Mx1L 60W 90 5000K								TYPE:				WEIGHT:			
SPECIFICATION:				CCT(K): 4741				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	5816	5811	5808	5808	5805	5805	5802	5801	5799	5801	5796	5800	5816	5811	5808
5.0	5802	5804	5812	5819	5829	5834	5840	5842	5843	5841	5836	5831	5842	5833	5822
10.0	5803	5814	5833	5848	5865	5873	5888	5890	5896	5891	5887	5873	5878	5867	5849
15.0	5818	5834	5867	5882	5904	5909	5927	5927	5939	5933	5933	5915	5920	5911	5892
20.0	5859	5874	5908	5915	5935	5927	5942	5937	5954	5946	5952	5929	5931	5931	5915
25.0	5914	5918	5945	5928	5933	5907	5918	5896	5913	5890	5903	5879	5882	5896	5877
30.0	5938	5919	5929	5881	5876	5831	5833	5783	5781	5737	5745	5709	5697	5733	5712
35.0	5820	5771	5775	5697	5694	5626	5616	5521	5496	5412	5412	5350	5332	5366	5332
40.0	5374	5303	5325	5232	5252	5163	5147	5005	4966	4837	4836	4740	4698	4716	4614
45.0	4231	4215	4328	4246	4298	4163	4163	4006	3996	3825	3807	3615	3416	3419	3212
50.0	1836	1934	2255	2211	2430	2361	2458	2259	2269	1977	1892	1608	1351	1277	973
55.0	157	184	315	254	427	543	478	542	383	222	262	162	141	159	120
60.0	120	96.3	128	103	135	104	136	104	133	103	127	96.6	92.4	114	88.7
65.0	90.4	73.6	96.6	79.2	100	80.4	101	81.3	102	81.6	98.5	75.5	71.8	89.0	70.5
70.0	68.8	56.1	76.3	62.5	80.0	63.2	80.0	64.5	82.0	65.1	78.5	57.7	52.9	68.6	54.5
75.0	49.3	40.4	59.1	47.7	62.8	47.2	60.9	48.6	64.8	49.9	61.0	41.4	36.5	50.5	39.7
80.0	36.7	26.6	42.5	32.4	45.8	30.4	39.5	31.9	47.7	33.8	44.6	27.7	29.0	35.1	25.9
85.0	28.2	16.3	27.2	16.5	28.6	16.3	26.4	17.0	29.1	17.2	28.2	17.2	17.2	23.7	12.4
90.0	11.1	4.70	13.6	5.70	14.1	6.70	15.4	6.60	14.2	5.90	13.6	4.60	4.30	10.5	4.10
95.0	9.09	4.10	9.20	3.90	9.00	3.50	8.70	3.60	9.20	4.10	9.40	4.30	4.50	9.09	4.40
100.0	9.09	5.00	8.90	4.60	8.60	4.30	8.40	4.30	8.80	4.90	9.20	5.40	5.90	9.40	5.80
105.0	10.2	6.90	9.80	6.50	9.40	6.00	9.20	6.20	9.60	6.90	10.3	7.70	8.50	11.1	8.40
110.0	12.4	9.90	11.9	9.30	11.4	9.00	11.3	9.20	11.9	10.1	12.7	11.0	12.0	13.9	12.0
115.0	15.6	13.7	15.0	13.2	14.4	12.8	14.4	13.0	15.0	14.1	16.0	15.2	16.5	17.8	16.5
120.0	19.5	18.1	18.9	17.6	18.4	17.2	18.4	17.7	19.2	18.7	20.2	19.7	21.6	22.1	21.6
125.0	24.0	22.7	23.2	22.6	23.0	22.3	23.0	22.7	23.8	23.8	24.7	24.6	26.6	26.6	26.4
130.0	28.4	27.4	27.4	26.9	27.4	27.2	27.7	27.5	28.2	28.0	28.7	29.4	31.6	31.2	30.7
135.0	32.7	31.7	31.0	30.7	31.2	31.4	32.1	31.7	31.9	31.7	32.7	33.7	36.0	35.5	34.7
140.0	36.5	35.9	35.0	34.5	34.7	35.1	35.7	35.2	35.4	35.7	36.5	37.7	39.7	39.3	38.7
145.0	40.0	39.5	38.6	38.5	38.2	38.7	38.6	38.8	38.9	39.7	40.4	41.7	43.2	43.0	42.5
150.0	43.7	43.5	42.3	42.5	42.0	42.8	42.0	42.5	42.5	43.7	44.4	46.0	47.2	47.0	46.7
155.0	48.2	48.1	46.7	47.2	46.7	48.1	46.5	47.2	46.9	48.5	49.0	51.2	51.7	51.7	51.3
160.0	52.8	52.9	51.5	52.3	51.7	53.6	51.8	52.4	51.8	53.7	53.8	56.0	56.5	56.3	55.8
165.0	57.5	57.0	56.1	56.9	56.6	58.0	57.3	57.2	56.8	57.9	58.2	59.7	60.3	59.7	59.1
170.0	60.9	59.7	59.3	59.8	60.1	61.0	61.1	60.3	60.1	60.6	61.0	62.0	62.9	62.0	61.1
175.0	63.0	61.5	61.4	61.5	62.0	62.4	63.4	62.0	61.9	62.0	62.4	62.6	64.0	62.8	62.0
180.0	64.0	62.5	62.4	62.3	62.5	62.8	64.3	62.9	62.8	62.5	62.6	62.6	64.2	62.8	62.3

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: 71Ra. 0.2% Flickering. Temp 39.6

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 3Mx1L 60W 90 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4741	DIMENSION: 521x128x40	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	5808	5805	5805	5802	5801	5799	5801	5796	5800
5.0	5816	5807	5802	5791	5786	5778	5778	5771	5778
10.0	5845	5831	5827	5809	5801	5785	5781	5769	5775
15.0	5889	5870	5865	5840	5830	5811	5807	5785	5787
20.0	5922	5899	5899	5870	5868	5846	5850	5824	5829
25.0	5900	5880	5893	5865	5881	5869	5892	5872	5887
30.0	5764	5748	5802	5785	5828	5826	5886	5877	5911
35.0	5405	5408	5514	5533	5620	5618	5710	5716	5782
40.0	4672	4636	4779	4804	4954	4957	5110	5140	5285
45.0	3189	3161	3073	2965	3191	3256	3566	3642	3995
50.0	953	753	826	730	889	859	1117	1191	1565
55.0	151	112	144	109	145	112	156	124	155
60.0	109	85.0	105	82.4	105	84.5	109	88.0	115
65.0	87.1	68.3	83.4	65.1	83.0	67.6	86.6	69.8	88.3
70.0	69.1	52.9	65.2	48.4	64.8	52.4	68.5	53.8	68.3
75.0	52.9	38.2	48.2	30.7	47.6	37.7	52.2	39.0	50.4
80.0	35.5	22.5	32.0	20.2	31.2	22.7	34.5	25.2	35.1
85.0	21.1	10.3	18.6	10.1	18.7	10.3	20.7	12.5	23.2
90.0	10.0	3.70	9.20	3.20	9.20	3.60	10.0	4.10	10.5
95.0	8.80	4.10	8.40	3.80	8.40	4.10	8.80	4.20	8.90
100.0	9.20	5.60	8.90	5.30	8.80	5.50	9.09	5.50	9.09
105.0	10.9	8.20	10.5	8.00	10.5	8.00	10.5	7.80	10.5
110.0	13.7	11.8	13.5	11.5	13.3	11.4	13.3	11.1	12.9
115.0	17.7	16.4	17.4	16.0	17.1	15.8	16.9	15.4	16.5
120.0	22.3	21.5	21.7	21.1	21.5	20.8	21.1	20.2	20.6
125.0	27.0	26.4	26.6	26.1	26.1	25.6	25.7	24.7	25.0
130.0	30.8	30.5	31.0	30.8	30.5	29.6	29.6	29.1	29.6
135.0	34.5	34.4	34.7	35.0	34.4	33.5	33.2	33.2	33.7
140.0	38.4	38.1	38.2	38.2	37.7	37.2	37.2	37.2	37.7
145.0	41.9	41.7	41.5	41.6	41.2	41.2	40.9	41.0	41.2
150.0	45.5	45.6	45.1	45.5	45.4	45.5	44.7	45.1	44.9
155.0	50.0	50.0	49.3	50.0	50.1	50.0	49.0	49.5	49.0
160.0	54.5	54.7	54.0	54.7	55.0	54.7	53.6	54.0	53.5
165.0	58.2	58.2	57.7	58.7	58.7	58.2	57.4	57.5	57.2
170.0	60.7	60.5	60.2	61.5	61.1	60.7	60.1	60.0	60.0
175.0	62.0	61.7	61.9	63.3	62.5	62.0	61.7	61.5	61.7
180.0	62.5	62.5	62.9	64.0	63.0	62.5	62.5	62.4	62.9

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: 71Ra. 0.2% Flickering. Temp 39.6