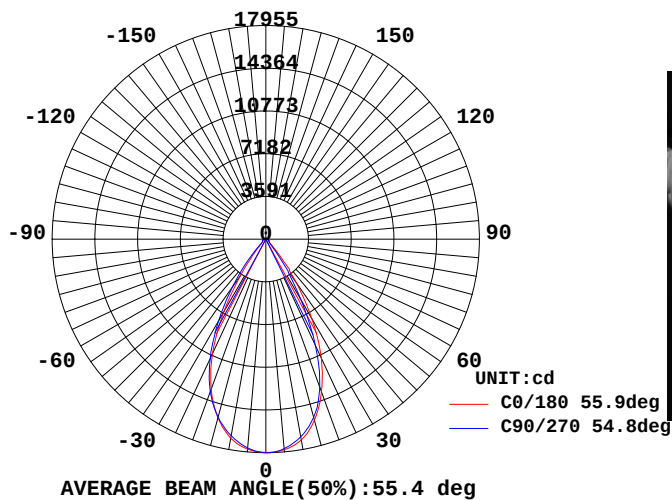


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 4Mx1L 80W G 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5036	DIMENSION: 700x120x70	SERIAL No.:

MODEL:		Imax(cd):	17963	Effective Flux(lm):	14862.0
NOMINAL POWER(W):	84	MAXIMUM(C, γ):	45, 0.0	EEI	0.077
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm):	14862.0	η street_up(%):	0.6	Current(A)	0.395
TEST FLUX(lm):	14862.0	η street_down(%):	52.6	Power(W)	84.16
LAMPS QUANTITY:	1	η house_up(%)	0.6	Power Factor	0.967
TOTAL RADIANT(mw):	14862.0	η house_down(%)	46.1	EEFICIENCY(lm/W)	176.6



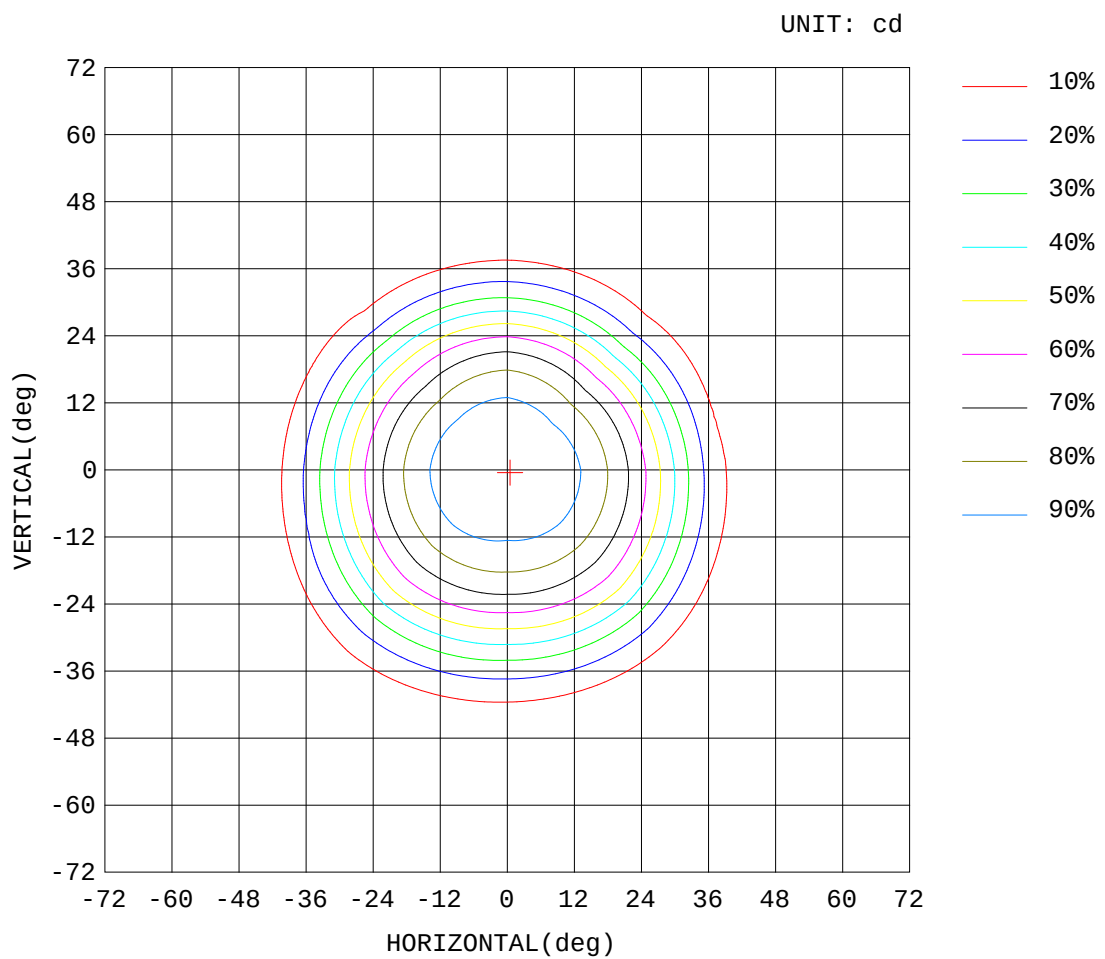
Temperature: 25.3°C
Operators:
Test Date: 04-22-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 70Ra. Flickering 0.0% Temp. 33.5C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 4Mx1L 80W G 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5036	DIMENSION: 700x120x70	SERIAL No.:



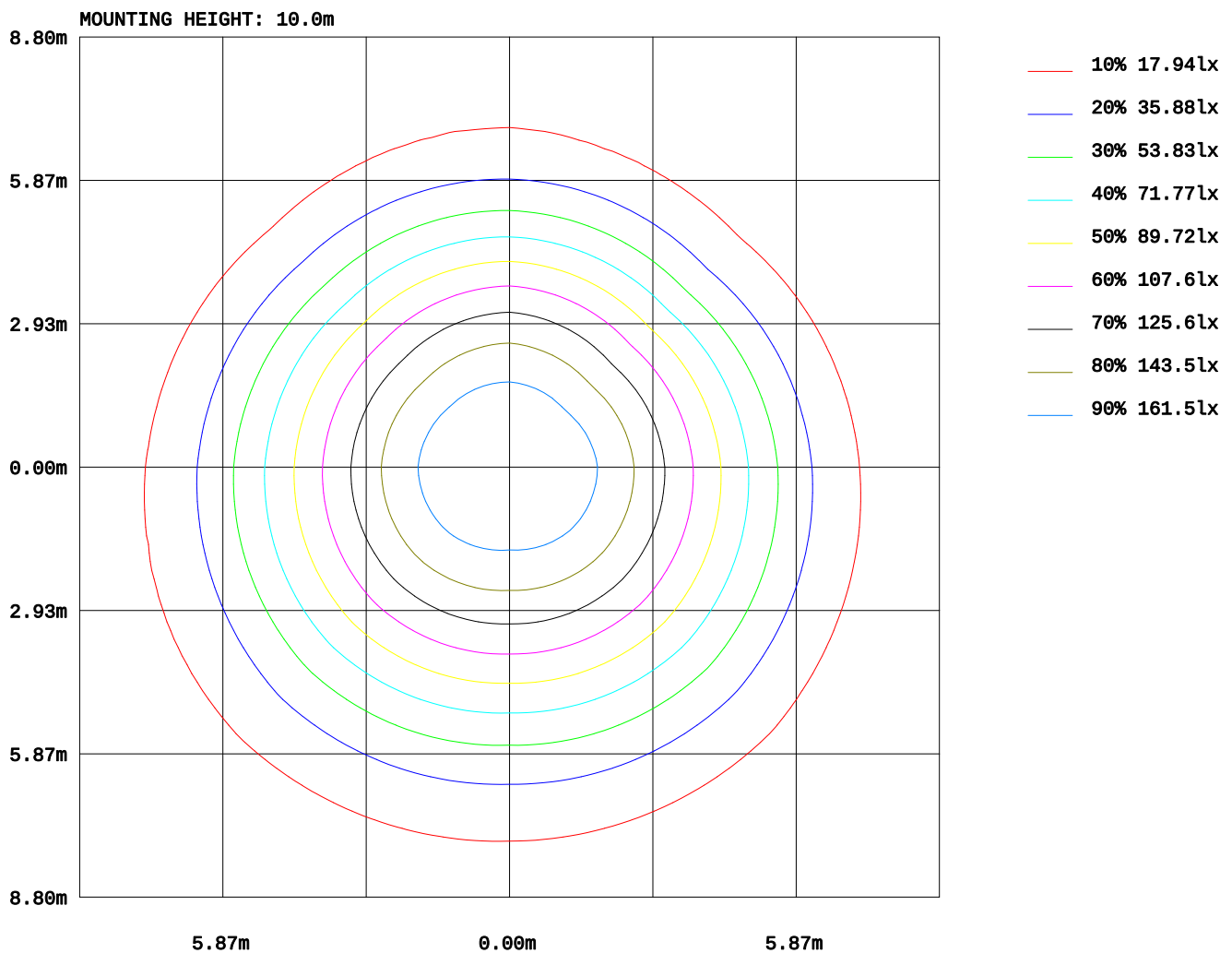
Temperature:25.3'C
Operators:
Test Date:04-22-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 70Ra. Flickering 0.0% Temp. 33.5C

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 4Mx1L 80W G 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5036	DIMENSION: 700x120x70	SERIAL No.:



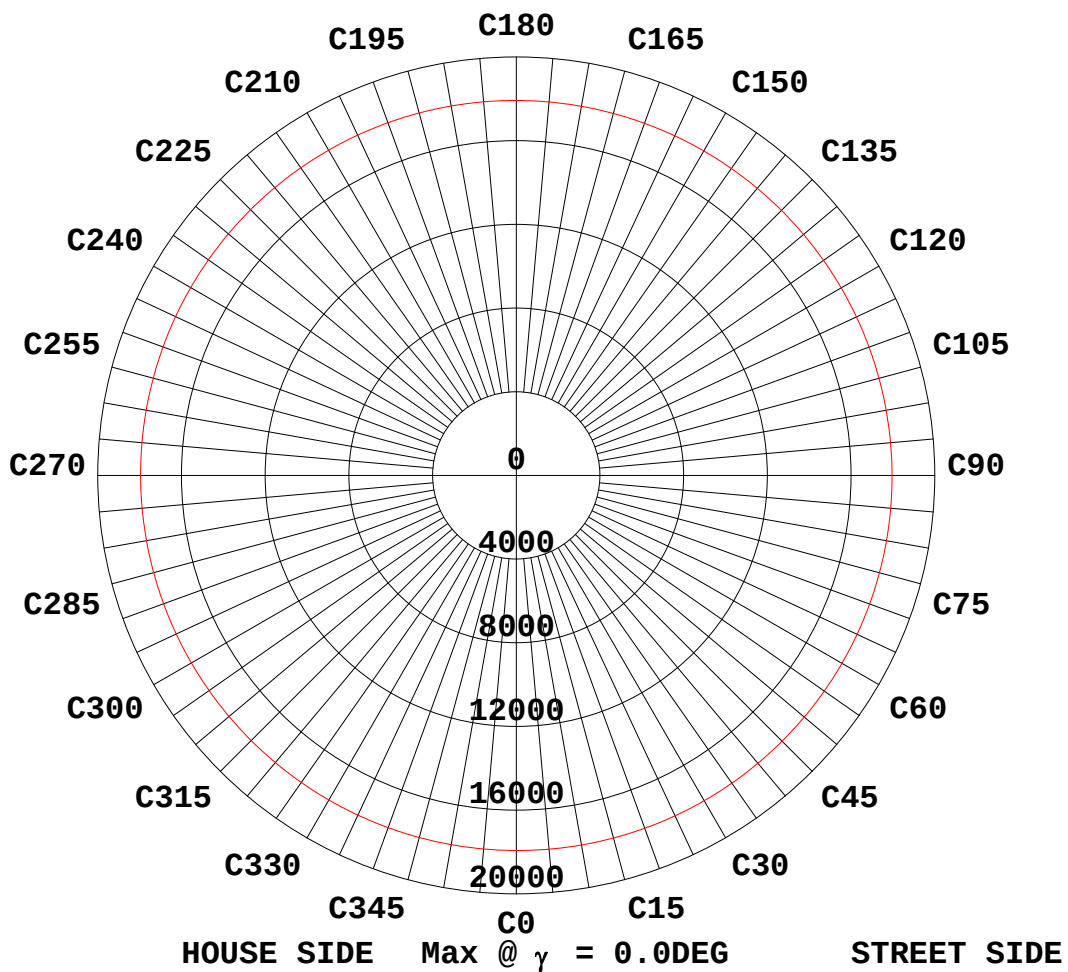
Temperature: 25.3°C
 Operators:
 Test Date: 04-22-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 70Ra. Flickering 0.0% Temp. 33.5C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 4Mx1L 80W G 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5036	DIMENSION: 700x120x70	SERIAL No.:



Temperature: 25.3°C
Operators:
Test Date: 04-22-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 70Ra. Flickering 0.0% Temp. 33.5C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Optimus 4Mx1L 80W G 5000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5036	DIMENSION: 700x120x70	SERIAL No.:

UNIT: μA10cd

C(deg) γ (deg)	0	45	90	135	180	225	270	315
0.0	1792	1796	1796	1792	1792	1796	1796	1792
5.0	1771	1773	1761	1771	1777	1771	1769	1759
10.0	1699	1697	1677	1706	1714	1686	1687	1661
15.0	1555	1567	1549	1582	1576	1533	1553	1490
20.0	1342	1384	1366	1394	1366	1302	1327	1247
25.0	1064	1135	1107	1155	1104	995	985	919
30.0	712	831	796	856	775	628	599	534
35.0	367	492	488	533	446	302	324	241
40.0	155	218	240	268	191	107	100	83.0
45.0	54.7	73.3	82.4	92.6	62.6	46.8	44.4	42.8
50.0	38.5	40.2	43.2	41.7	39.2	36.4	34.0	34.4
55.0	33.3	32.5	34.5	33.6	32.7	31.5	30.4	30.4
60.0	31.7	28.9	31.7	29.6	31.1	29.4	29.2	28.4
65.0	34.6	27.2	31.0	27.9	32.9	27.0	27.6	25.7
70.0	27.4	23.9	28.4	25.2	26.8	19.2	21.3	21.4
75.0	24.2	19.5	19.4	20.8	22.4	17.2	15.8	15.1
80.0	13.5	12.4	17.5	14.4	11.4	10.2	8.96	8.93
85.0	6.53	6.45	10.0	7.65	4.19	4.46	3.66	3.37
90.0	1.27	1.80	4.72	2.56	0.52	1.52	0.88	1.25
95.0	1.10	0.50	1.66	0.58	0.49	1.04	0.49	1.02
100.0	1.03	0.51	1.06	0.49	0.55	0.98	0.54	0.97
105.0	1.01	0.57	0.99	0.55	0.64	0.96	0.62	0.97
110.0	1.08	0.67	0.97	0.64	0.80	1.04	0.77	1.06
115.0	1.27	0.88	1.04	0.82	1.09	1.27	1.06	1.30
120.0	1.64	1.25	1.26	1.15	1.57	1.68	1.53	1.74
125.0	2.19	1.81	1.70	1.67	2.21	2.31	2.22	2.36
130.0	2.90	2.58	2.36	2.39	3.04	3.12	3.09	3.18
135.0	3.76	3.48	3.20	3.27	4.00	4.01	4.08	4.10
140.0	4.70	4.45	4.19	4.24	5.00	4.96	5.15	5.04
145.0	5.65	5.41	5.25	5.19	6.04	5.93	6.20	6.00
150.0	6.60	6.32	6.25	6.17	7.05	6.87	7.16	6.95
155.0	7.52	7.22	7.16	7.13	7.97	7.83	8.07	7.86
160.0	8.42	8.12	7.96	8.05	8.95	8.77	9.00	8.78
165.0	9.39	9.01	8.80	8.92	9.91	9.63	9.96	9.65
170.0	10.3	9.87	9.78	9.74	10.7	10.4	10.8	10.3
175.0	11.0	10.5	10.6	10.4	11.3	10.9	11.3	10.8
180.0	11.4	11.0	11.3	10.8	11.4	11.0	11.3	10.8

Temperature:25.3'C
Operators:
Test Date:04-22-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 70Ra. Flickering 0.0% Temp. 33.5C