

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

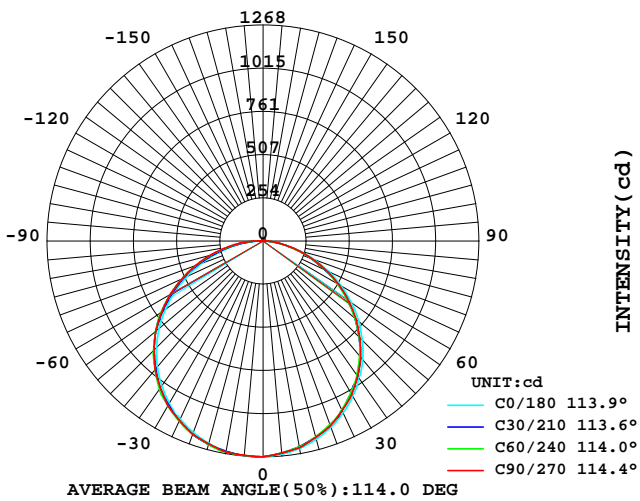
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

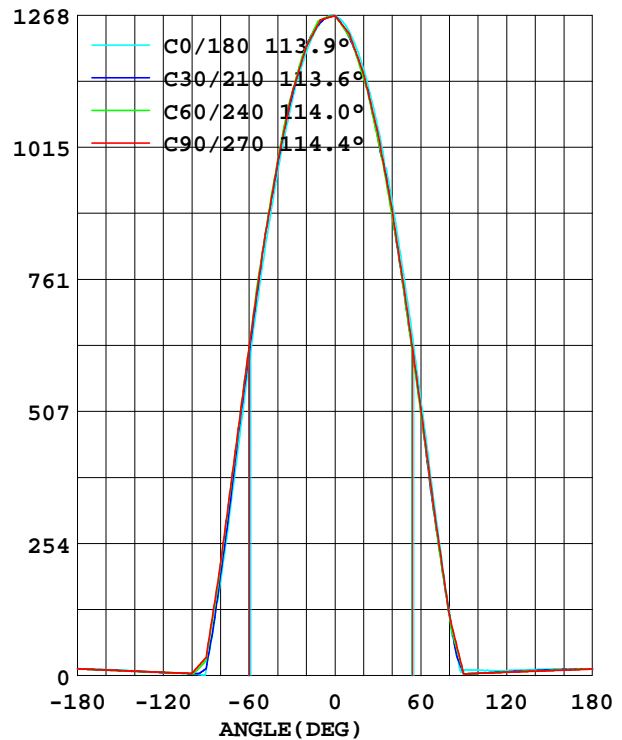
MANUFACTURER:	Address:		
NAME: LED PANEL	TYPE:	WEIGHT:	
SPECIFICATION:	DIMENSION: 595x595	SERIAL No.:	

DATA OF LAMP		Imax(cd)	1268	S/MH(C0/180)	1.29
MODEL	NW	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.30
NOMINAL POWER(W)	36	TOTAL FLUX(lm)	3736.0	Voltage(V)	219.1
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	101.5	Current(A)	0.176
NOMINAL FLUX(lm)	3736.0	η up(%)	1.3	Power(W)	36.79
LAMPS QUANTITY	1	η down(%)	98.7	Power Factor(PF)	0.954
TEST VOLTAGE(V)	219.1	Effective Flux(lm)	3632.3	EEI	0.138

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPPO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2018年3月24日

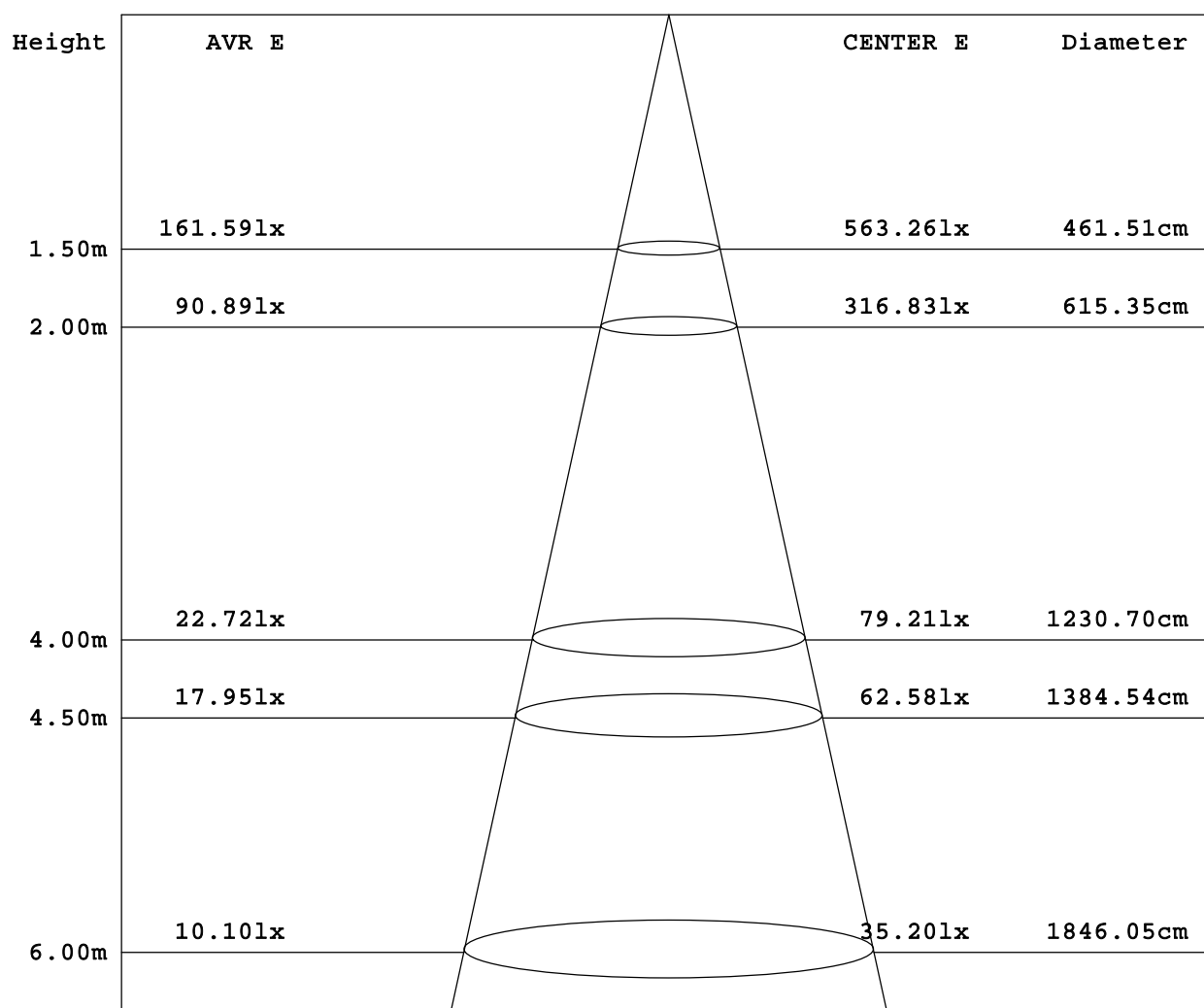
Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: LED PANEL	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 595x595	SERIAL No.:



Angle:113.9deg

Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2018年3月24日

Test Set: 7.0deg/s B-Beta (TYPE B)
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ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LED PANEL	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 595x595	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	1265	1265	1263	1258	1257	1249	1250	1255	0- 5	30.15	30.15
10.0	1254	1257	1259	1245	1237	1226	1233	1239	5- 10	89.42	119.5
15.0	1230	1241	1233	1222	1205	1194	1195	1214	10- 15	145.8	265.4
20.0	1197	1206	1208	1183	1165	1146	1156	1173	15- 20	197.2	462.6
25.0	1153	1167	1163	1140	1113	1095	1100	1125	20- 25	242.3	704.9
30.0	1103	1120	1118	1086	1054	1032	1043	1066	25- 30	279.3	984.3
35.0	1038	1058	1052	1021	976.8	958.5	968.6	999.1	30- 35	307.1	1292
40.0	967.1	991.9	986.1	952.8	910.6	882.8	894.3	925.8	35- 40	324.6	1616
45.0	885.1	908.5	904.8	870.3	824.1	795.4	803.6	838.2	40- 45	331.5	1948
50.0	797.4	821.5	823.5	790.0	734.0	709.5	712.8	747.3	45- 50	327.0	2275
55.0	700.6	726.7	727.0	691.1	633.8	604.8	613.6	648.0	50- 55	311.6	2586
60.0	600.8	630.4	630.4	593.9	531.8	502.9	514.5	547.6	55- 60	285.6	2872
65.0	491.8	520.3	526.2	492.4	427.6	402.1	410.1	438.4	60- 65	250.6	3123
70.0	384.7	411.3	422.0	390.5	319.0	302.1	305.7	331.9	65- 70	207.8	3331
75.0	277.0	305.8	317.8	284.8	217.5	200.3	210.8	230.4	70- 75	160.0	3491
80.0	178.5	201.3	213.5	189.9	122.7	114.2	115.9	134.7	75- 80	110.4	3601
85.0	88.00	105.9	124.2	102.3	43.80	47.54	59.68	57.23	80- 85	63.17	3664
90.0	12.69	21.60	34.98	21.31	6.468	3.528	3.430	3.332	85- 90	23.89	3688
95.0	2.156	9.159	19.50	8.942	10.97	3.846	3.895	3.850	90- 95	5.202	3693
100.0	2.940	4.110	4.018	4.135	10.63	4.366	4.361	4.260	95-100	2.990	3696
105.0	3.724	4.548	4.581	4.875	9.554	5.014	4.875	4.593	100-105	2.515	3699
110.0	4.900	4.963	5.145	5.576	9.604	5.622	5.390	5.026	105-110	2.736	3702
115.0	5.340	5.427	5.708	6.295	9.358	6.245	5.904	5.377	110-115	2.924	3705
120.0	6.124	5.959	6.272	6.901	9.506	6.931	6.419	5.869	115-120	3.076	3708
125.0	6.957	6.501	6.835	7.564	10.04	7.499	6.933	6.357	120-125	3.192	3711
130.0	7.399	6.939	7.399	8.286	10.58	8.063	7.448	6.940	125-130	3.257	3714
135.0	8.232	7.695	7.962	8.912	11.41	8.549	7.962	7.672	130-135	3.270	3717
140.0	9.016	8.077	8.525	9.429	11.51	9.239	8.477	8.080	135-140	3.216	3721
145.0	9.849	8.964	9.089	9.967	11.95	9.754	8.991	8.732	140-145	3.091	3724
150.0	10.63	9.398	9.653	10.43	12.00	10.20	9.506	9.360	145-150	2.895	3727
155.0	11.02	10.06	10.21	11.18	12.44	10.91	10.02	9.943	150-155	2.629	3729
160.0	11.46	10.76	10.77	11.67	12.49	11.05	10.53	10.73	155-160	2.286	3732
165.0	11.85	11.14	11.34	12.11	12.54	11.77	11.04	11.44	160-165	1.881	3733
170.0	12.24	11.87	11.90	12.23	12.93	12.50	11.56	11.86	165-170	1.412	3735
175.0	12.64	12.43	12.47	12.63	13.32	12.60	12.07	12.22	170-175	0.882	3736
180.0	13.03	13.03	13.03	13.03	12.59	12.59	12.59	12.59	175-180	0.303	3736
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPPO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2018年3月24日

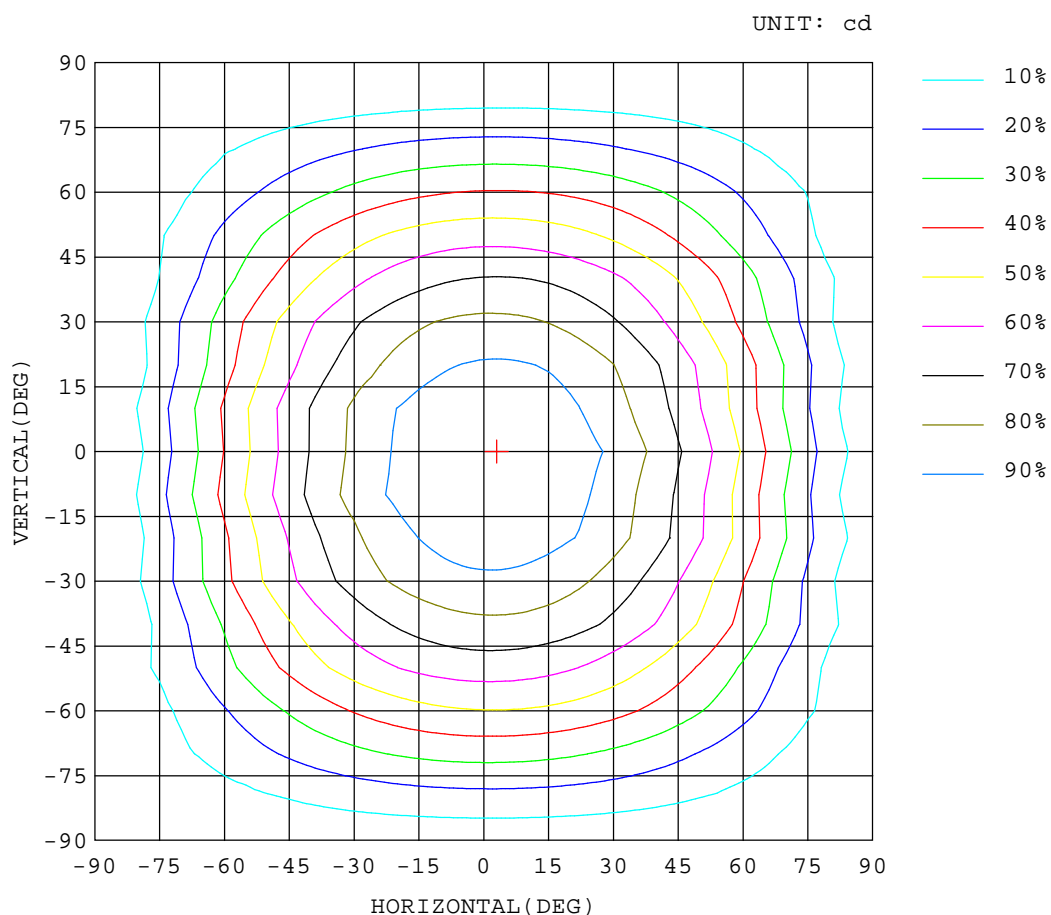
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 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

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ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LED PANEL	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 595x595	SERIAL No.:



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 Operators:
 Test Date:2018年3月24日

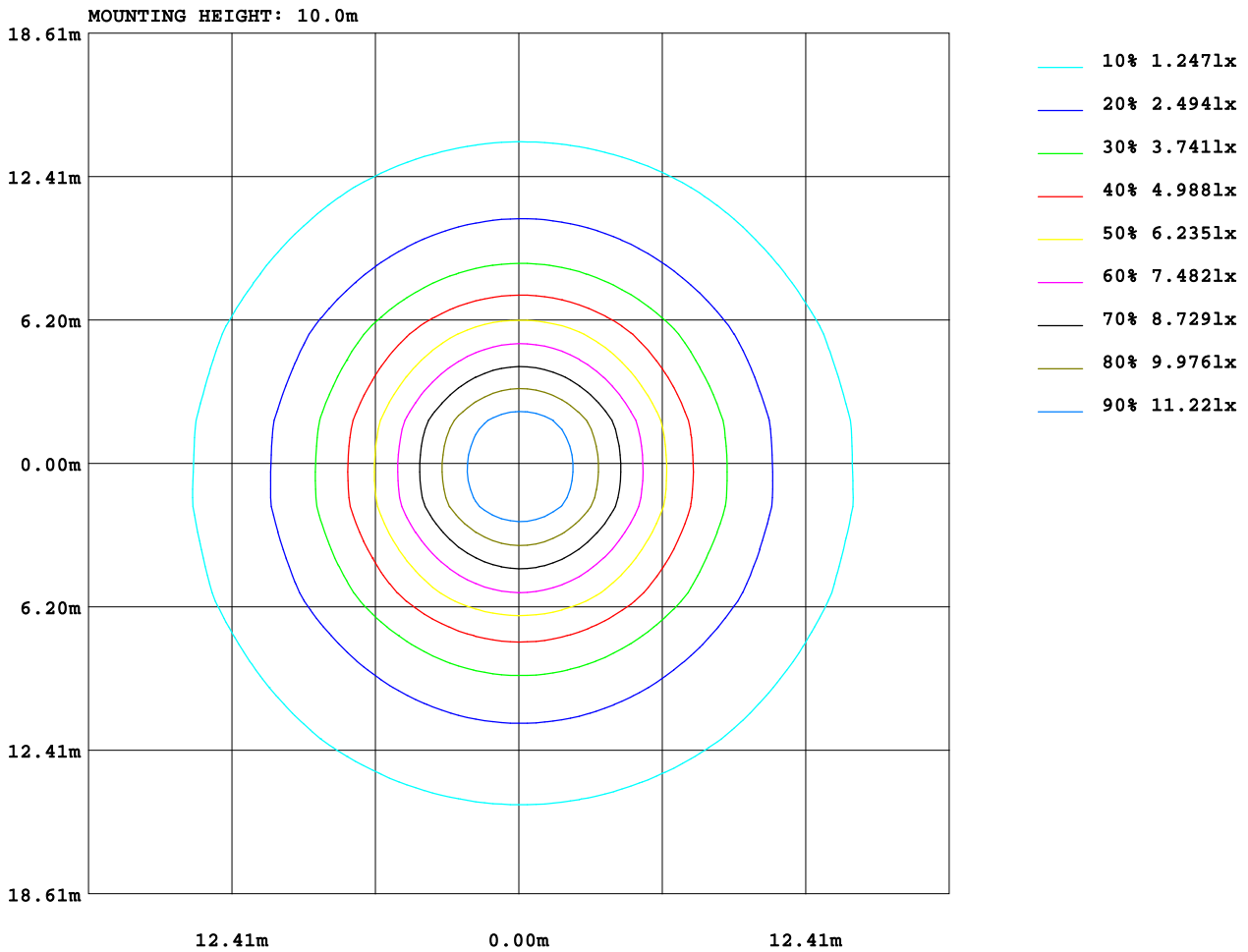
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 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LED PANEL	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 595x595	SERIAL No.:



Test System:HOP00 HPG1900
 Temperature:25.3DEG
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 Test Date:2018年3月24日

Test Set: 7.0deg/s B-Beta (TYPE B)
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Uncorrected UGR Table

Report number:

MANUFACTURER:						Address:					
NAME: LED PANEL						TYPE:			WEIGHT:		
SPECIFICATION:						DIMENSION: 595x595			SERIAL No.:		
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3	
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3	
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
Room dimensions	Viewed crosswise					Viewed endwise					
x = 2H y = 2H	21.8	23.3	22.1	23.6	23.8	22.0	23.5	22.3	23.7	24.0	
3H	23.4	24.8	23.8	25.1	25.4	23.7	25.1	24.0	25.4	25.6	
4H	24.1	25.4	24.4	25.7	26.0	24.5	25.8	24.8	26.1	26.4	
6H	24.6	25.9	25.0	26.2	26.5	25.1	26.3	25.4	26.6	27.0	
8H	24.8	26.0	25.2	26.3	26.7	25.4	26.6	25.7	26.9	27.2	
12H	24.9	26.1	25.3	26.4	26.8	25.6	26.8	26.0	27.1	27.4	
4H 2H	22.5	23.8	22.8	24.1	24.4	22.6	24.0	23.0	24.2	24.5	
3H	24.3	25.5	24.7	25.8	26.1	24.5	25.7	24.9	26.0	26.4	
4H	25.1	26.2	25.5	26.5	26.9	25.4	26.5	25.8	26.9	27.2	
6H	25.7	26.7	26.2	27.1	27.5	26.2	27.2	26.6	27.6	27.9	
8H	26.0	26.9	26.4	27.3	27.7	26.6	27.4	27.0	27.8	28.3	
12H	26.2	27.0	26.6	27.4	27.8	26.9	27.7	27.3	28.1	28.5	
8H 4H	25.5	26.3	25.9	26.7	27.1	25.8	26.6	26.2	27.0	27.4	
6H	26.3	27.0	26.7	27.4	27.9	26.7	27.5	27.2	27.9	28.3	
8H	26.6	27.3	27.1	27.7	28.2	27.2	27.8	27.7	28.3	28.8	
12H	26.9	27.5	27.4	27.9	28.4	27.6	28.2	28.1	28.7	29.2	
12H 4H	25.5	26.3	25.9	26.7	27.2	25.8	26.6	26.2	27.0	27.4	
6H	26.4	27.0	26.9	27.5	28.0	26.8	27.5	27.3	27.9	28.4	
8H	26.8	27.4	27.3	27.8	28.3	27.3	27.9	27.8	28.3	28.9	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.4					+ 0.1 / - 0.3					

CIE Pub.117 Corrected 3736 lm Total Lamp Luminous Flux. (8log(F/F0) = 4.6)

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 Operators:
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