

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Alfa Kerry Pendant Track Magnetic 7W CCT Switch*

Item No: *AZ6255*

Serial No.:

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ6255*

LuminaireName: *Alfa Kerry Track Magnetic 2Line 7W CCT Switch*

LuminaireNumber: *AZ6255*

FileName: *AZ6255.Idt*

Date: *2024-09-20*

Dimensions of luminaire

Length: *25 mm*

Width: *0 mm*

Height: *1000 mm*

Dimensions of luminous area

Length: *20 mm*

Width: *0 mm*

C0-plane *0 mm*

C90-plane *0 mm*

C180-plane *0 mm*

C270-plane *0 mm*

Lamps:

Number of lamps: *-1*

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REGON 360317241

PL-62-040 Puszczkowsko; Poland

EUR: IBAN 06 1750 0012 0000 0000 2709 9467

KRS: 0000537079

Tel.: +48 61 819 40 03

SWIFT BIC: RCBWPLPW

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Type of lamps: *LED*
 Total luminous flux: *486,90 lm*
 Color temperatur: *6635 K*
 Color rendering index: *90,28*
 Wattage including ballast: *8,95 W*

Utilization factors:

$k = 0.60$	<i>0,657</i>
$k = 0.80$	<i>0,713</i>
$k = 1.00$	<i>0,769</i>
$k = 1.25$	<i>0,812</i>
$k = 1.50$	<i>0,844</i>
$k = 2.00$	<i>0,900</i>
$k = 2.50$	<i>0,913</i>
$k = 3.00$	<i>0,928</i>
$k = 4.00$	<i>0,950</i>
$k = 5.00$	<i>0,964</i>

Electrical parameters

U = *229,663 V*
 I = *0,070 A*
 P = *8,954 W*
 Power factor = *0,561*

Power apparent = *15,966 VA*
 Power Reactive = *-13,219 var*
 Frequency Voltage = *50,000 Hz*
 THD = *23,898 %*

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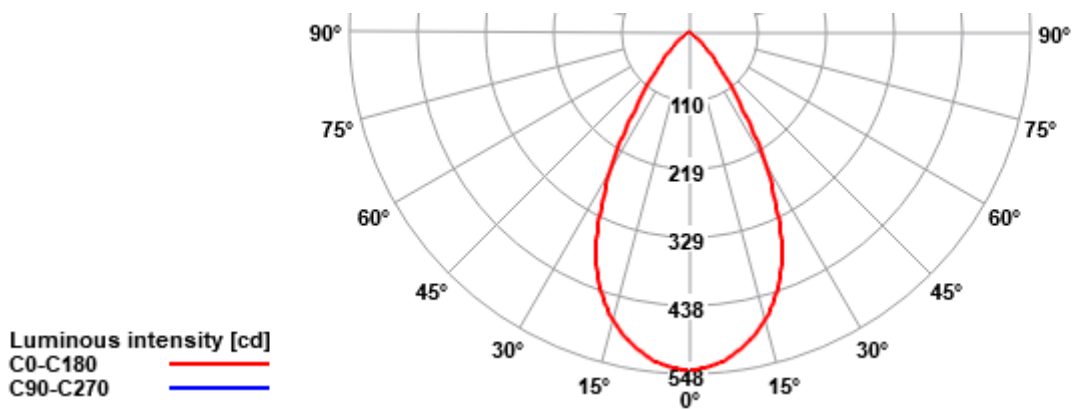
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminaire flux)	486,90 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	542,30 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	54,40 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3103
y	0,3294
Angular Colour Uniformity	0,0084

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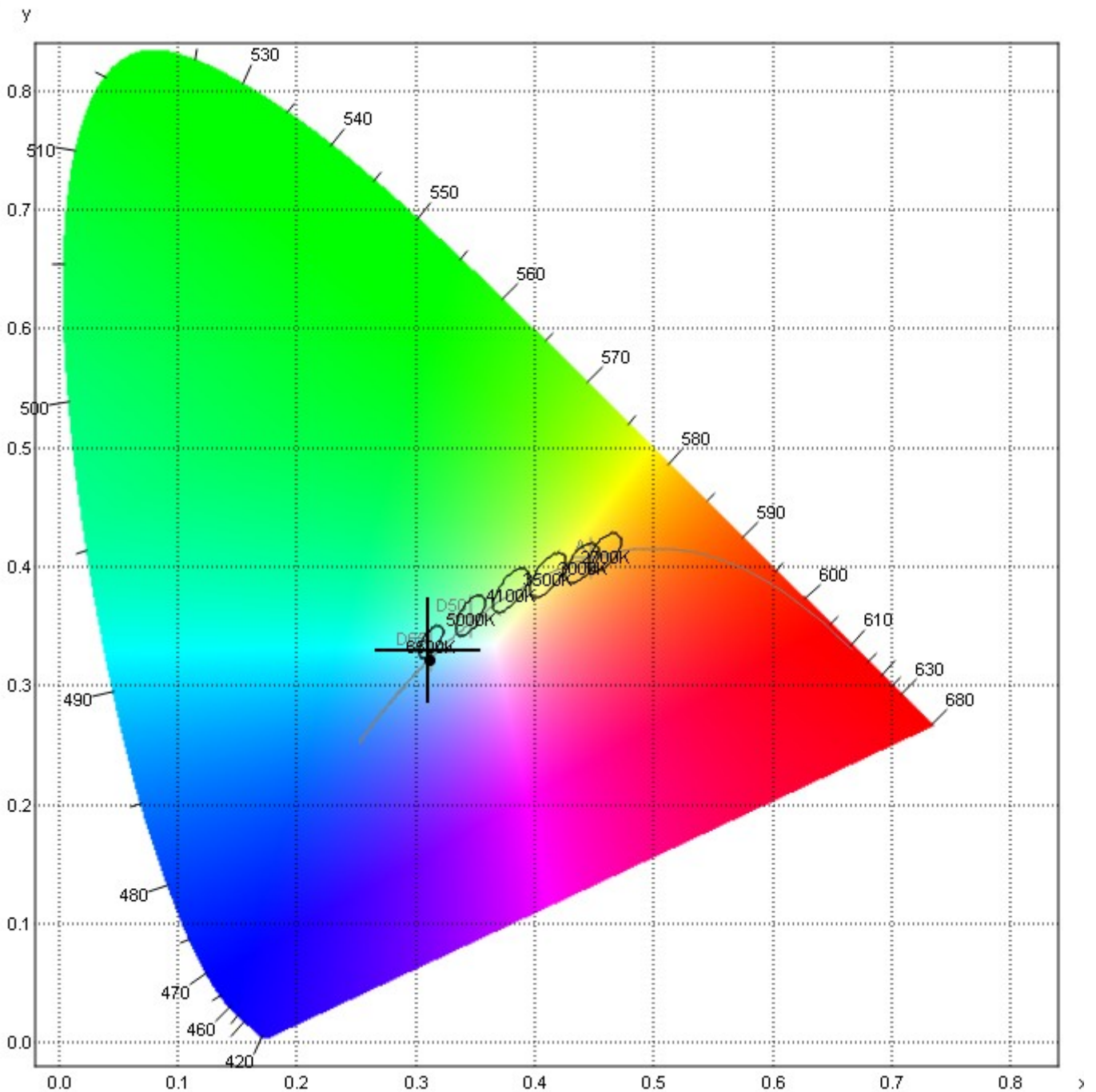
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Beam cone

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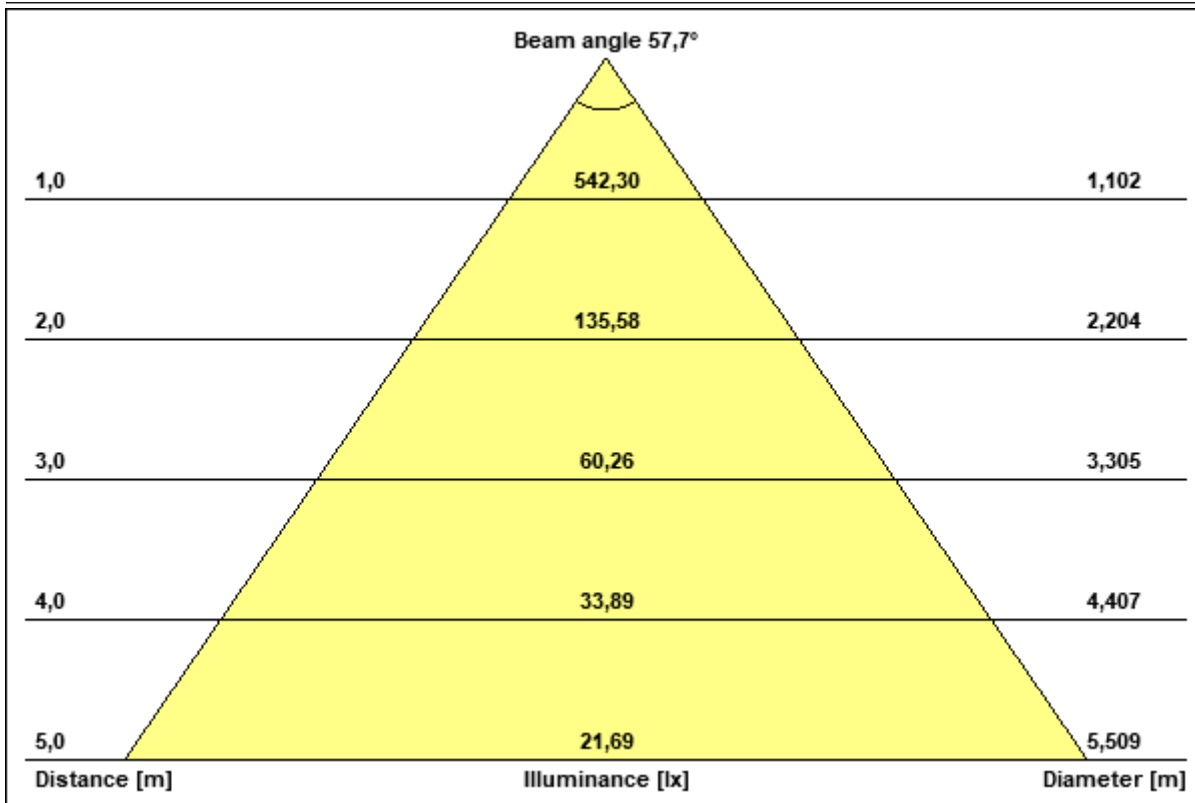
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Stabilization

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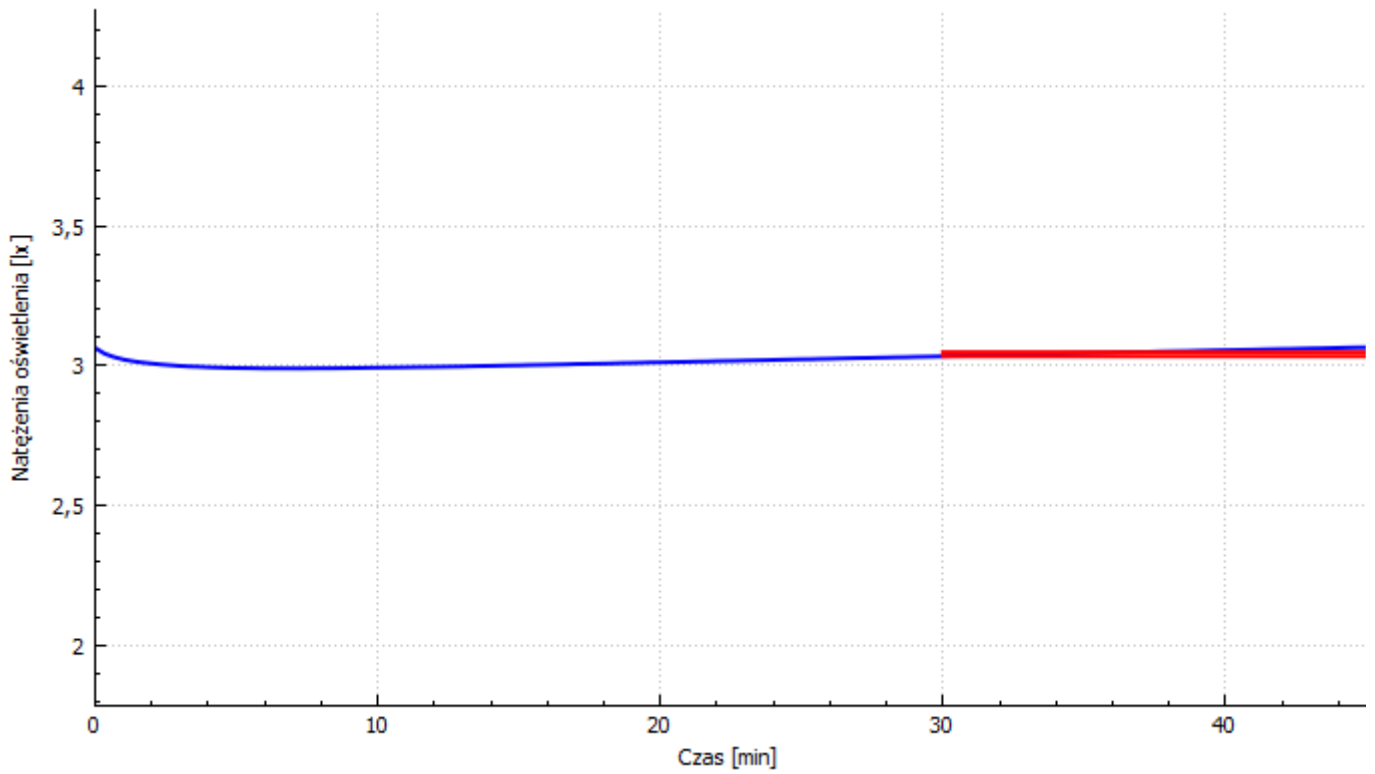
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3D Chart

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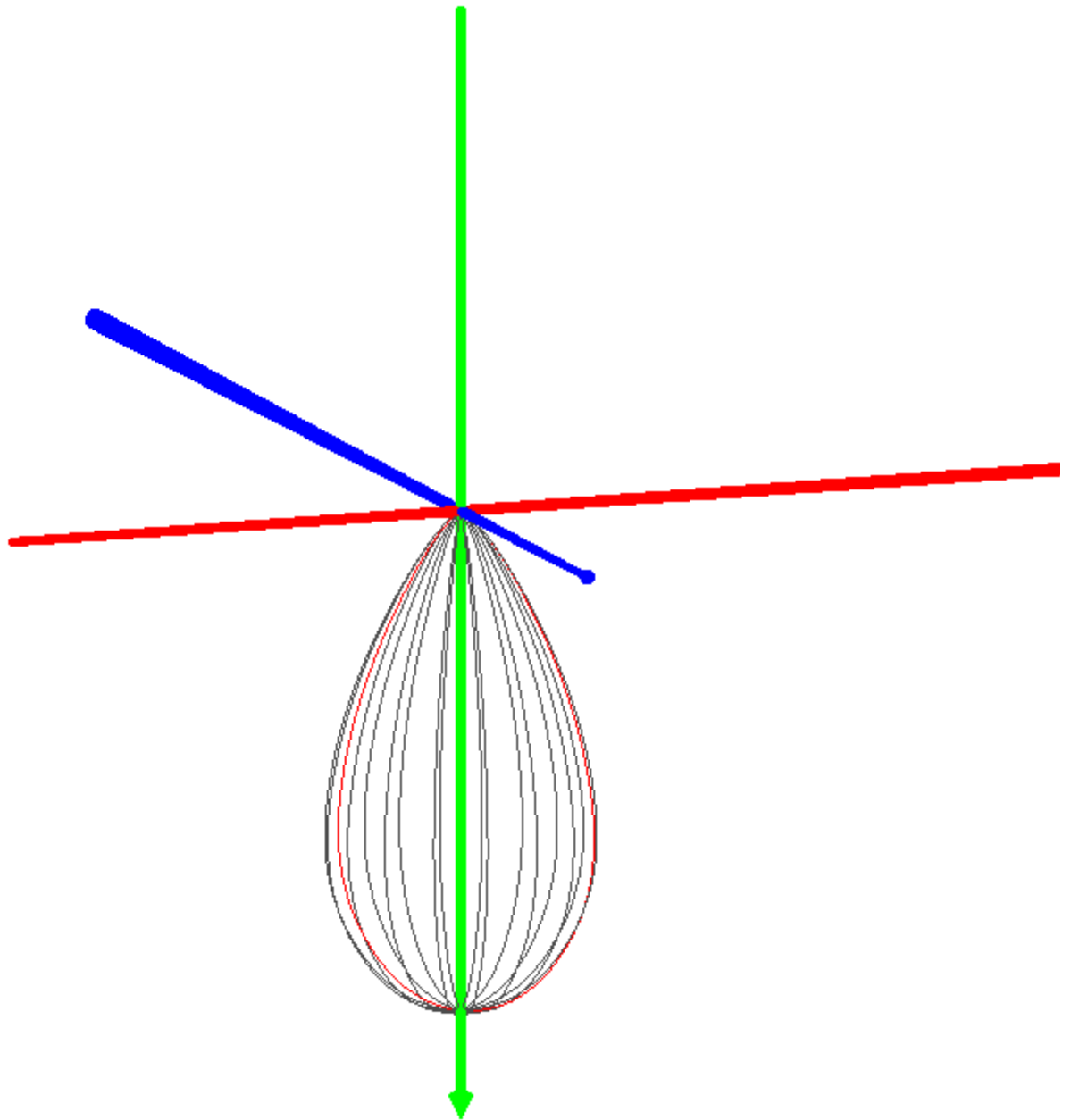
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Legend

— - C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

P(%f)

**Ext
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	U(%f)	I(%f)	P(%f)
0	0,0152	0,317	-1,76e-05
1	100,000	100,000	100,000
2	0,0113	0,194	-1,17e-05
3	0,0109	13,690	0,00126
4	0,00597	0,252	2,16e-05
5	0,00229	11,228	0,00164
6	0,00294	0,261	1,64e-05
7	0,00282	6,020	0,000663
8	0,00202	0,297	2,51e-05
9	0,00345	5,330	0
10	0,00242	0,250	9,55e-06
11	0,00897	6,197	-0,000153
12	0,0013	0,254	1,46e-05
13	0,00425	2,705	1,46e-05
14	0,00144	0,277	1,18e-05
15	0,0043	4,829	-0,00022
16	0,00201	0,300	0
17	0,00161	1,523	0
18	0,00162	0,280	1,08e-05
19	0,00261	3,203	-5,95e-05
20	0,00117	0,264	6,35e-06
21	0,0022	2,349	-2,74e-05

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22	0,00232	0,371	0
23	0,00471	0,861	3,94e-05
24	0,00137	0,312	9,59e-06
25	0,00228	2,980	1,88e-06
26	0	0,264	0
27	0,00131	1,189	4,37e-05
28	0,00264	0,274	-9,12e-06
29	0,00235	2,950	3,77e-05
30	0,00199	0,305	1,01e-05
31	0,00408	2,502	5,85e-05
32	0	0,182	3,42e-06
33	0,0027	2,456	3,43e-05
34	0,00277	0,239	0
35	0,00463	3,321	-1,09e-07
36	0,00217	0,301	4e-06
37	0,00298	2,179	2,97e-05
38	0	0,263	4,69e-06
39	0,00588	3,562	3,83e-05
40	0,00238	0,275	-8,86e-06
41	0,00561	2,215	2,88e-05
42	0,003	0,396	2,18e-06
43	0,00626	3,075	5,27e-05
44	0,001	0,344	7,4e-06
45	0,00514	2,470	-7,44e-05
46	0,00205	0,351	-1e-05
47	0,00512	2,227	-2,56e-05
48	0,00269	0,413	-4,9e-06
49	0,00496	2,427	-2,3e-05
50	0,00126	0,405	3,3e-06

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