

# GL GONIOSPECTROMETER MEASUREMENT TAG LIST

## Report Wizard Sample Description Lines

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Client name: *Azzardo Lighting*  
Model name: *Alfa Kira Track Magnetic 12W CCT Switch*  
Item No: *AZ6240*  
Serial No.:  
Made by: *A. Nawrot*

## Eulumdat Fields

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### Dimensions of luminaire

Company: *Azzardo*  
Report number: *AZ6240\_3000*  
LuminaireName: *Alfa Kira Track Magnetic 2Line 12W CCT Switch*  
LuminaireNumber: *AZ6240*  
FileName: *AZ6240\_3000.ldt*  
Date: *2024-09-20*

### Dimensions of luminaire

Length: *220 mm*  
Width: *24 mm*  
Height: *60 mm*

### Dimensions of luminous area

Length: *210 mm*  
Width: *14 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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NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

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Type of lamps: *LED*  
Total luminous flux: *744,01 lm*  
Color temperatur: *2935 K*  
Color rendering index: *92,43*  
Wattage including ballast: *14,66 W*

### Utilization factors:

k = 0.60	<i>0,723</i>
k = 0.80	<i>0,766</i>
k = 1.00	<i>0,813</i>
k = 1.25	<i>0,849</i>
k = 1.50	<i>0,875</i>
k = 2.00	<i>0,926</i>
k = 2.50	<i>0,934</i>
k = 3.00	<i>0,946</i>
k = 4.00	<i>0,966</i>
k = 5.00	<i>0,980</i>

### Electrical parameters

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<i>U</i>	<i>= 229,669 V</i>
<i>I</i>	<i>= 0,087 A</i>
<i>P</i>	<i>= 14,664 W</i>
<i>Power factor</i>	<i>= 0,732</i>

<i>Power apparent</i>	<i>= 20,039 VA</i>
<i>Power Reactive</i>	<i>= -13,651 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 16,338 %</i>

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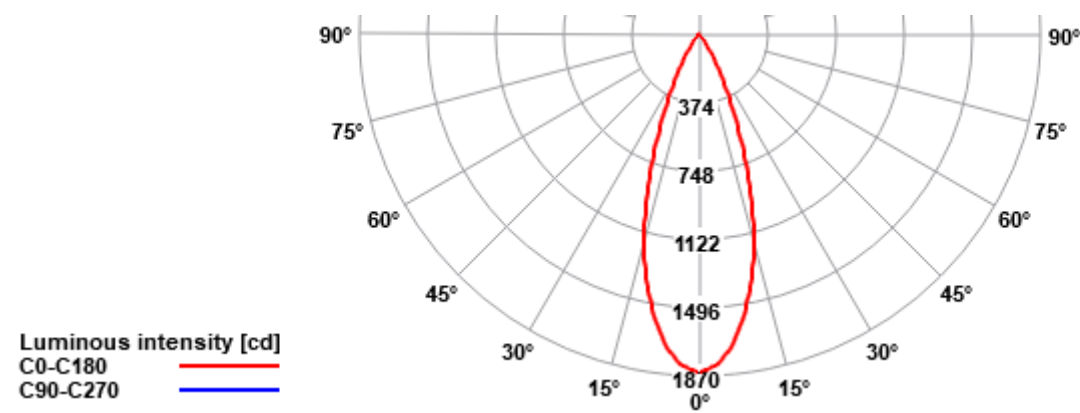
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	744,01 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	1851,24 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	50,75 lm/W

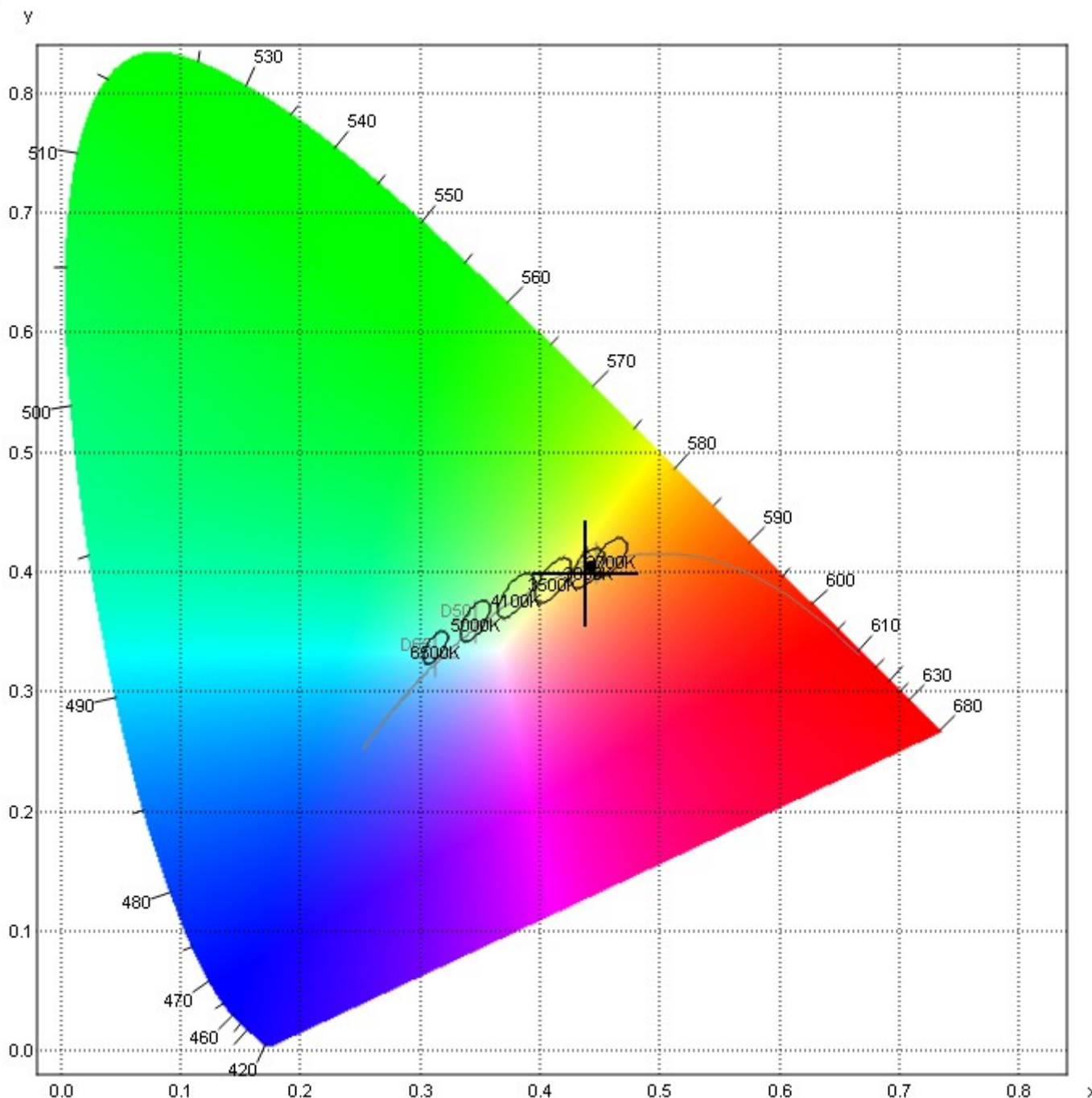
Light intensity distribution diagram



CIE 1931 diagram

x	0,4378
y	0,3981
Angular Colour Uniformity	0,0032

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## Beam cone

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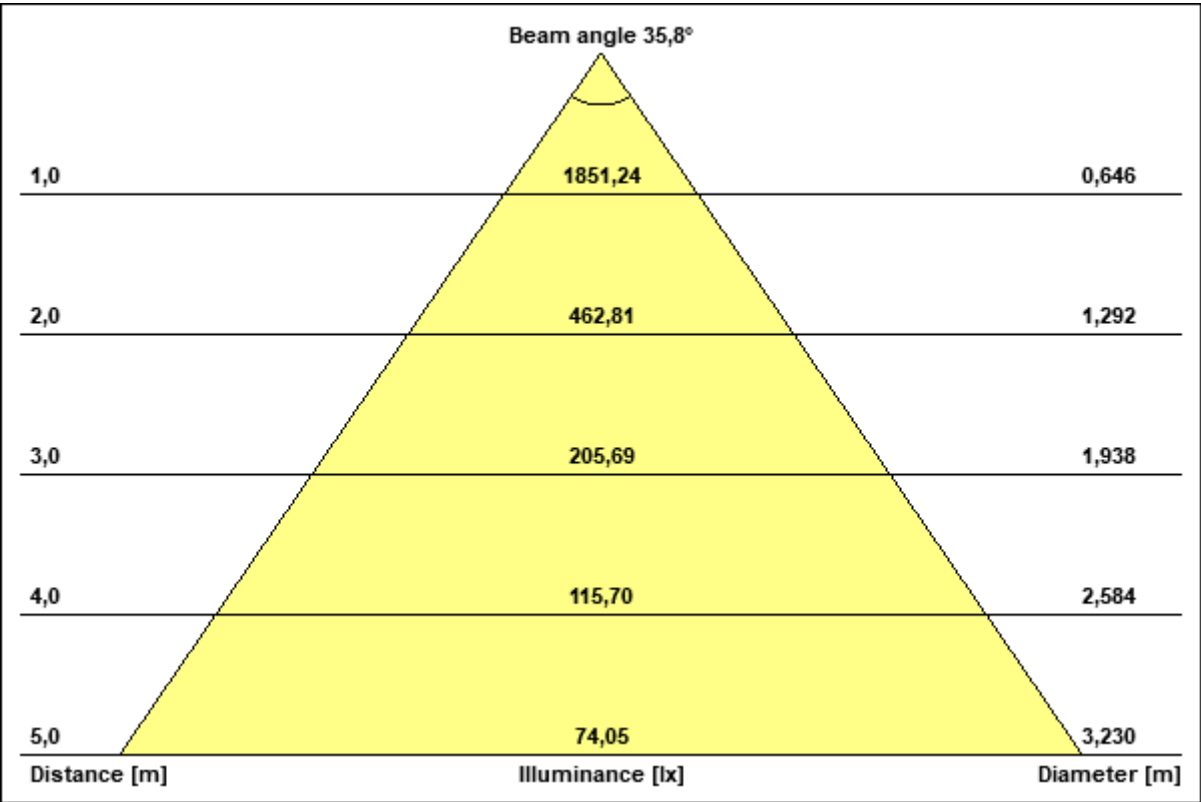
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Stabilization

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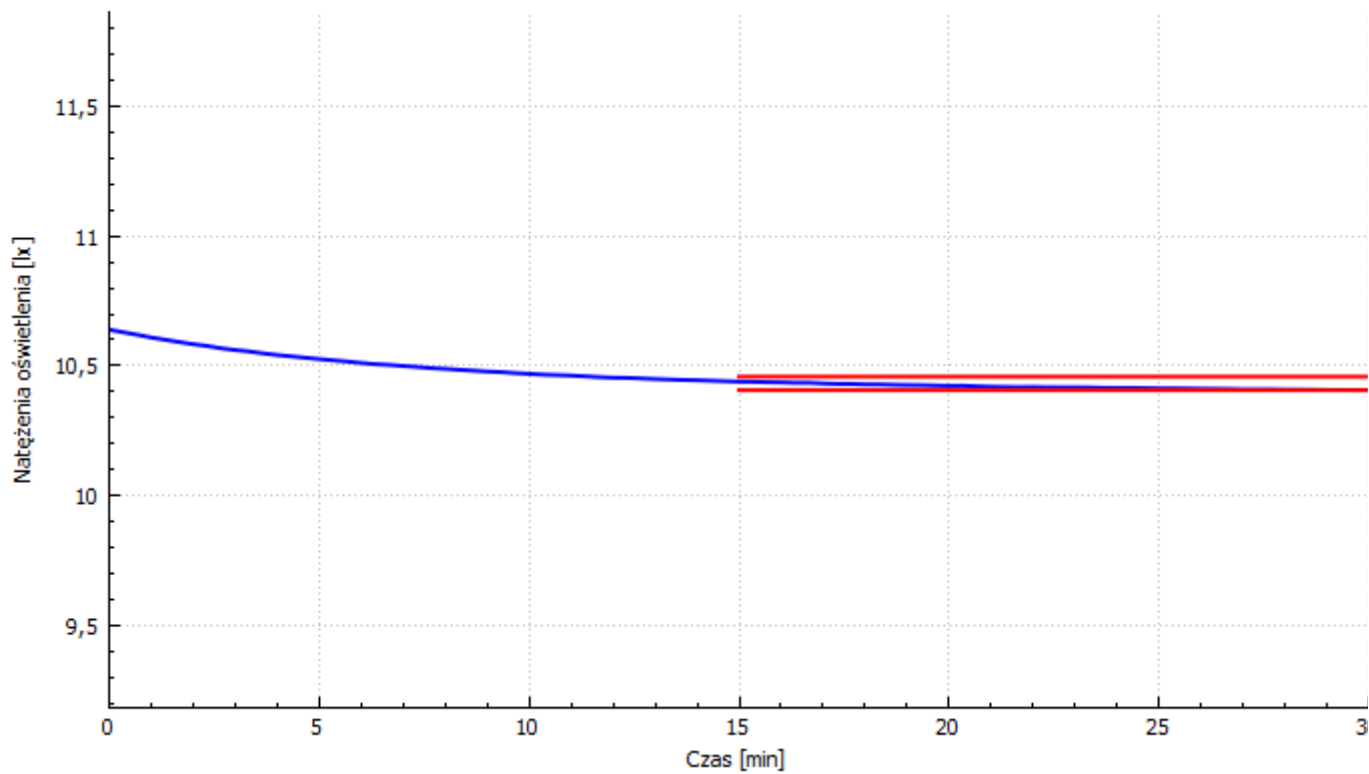
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### 3D Chart

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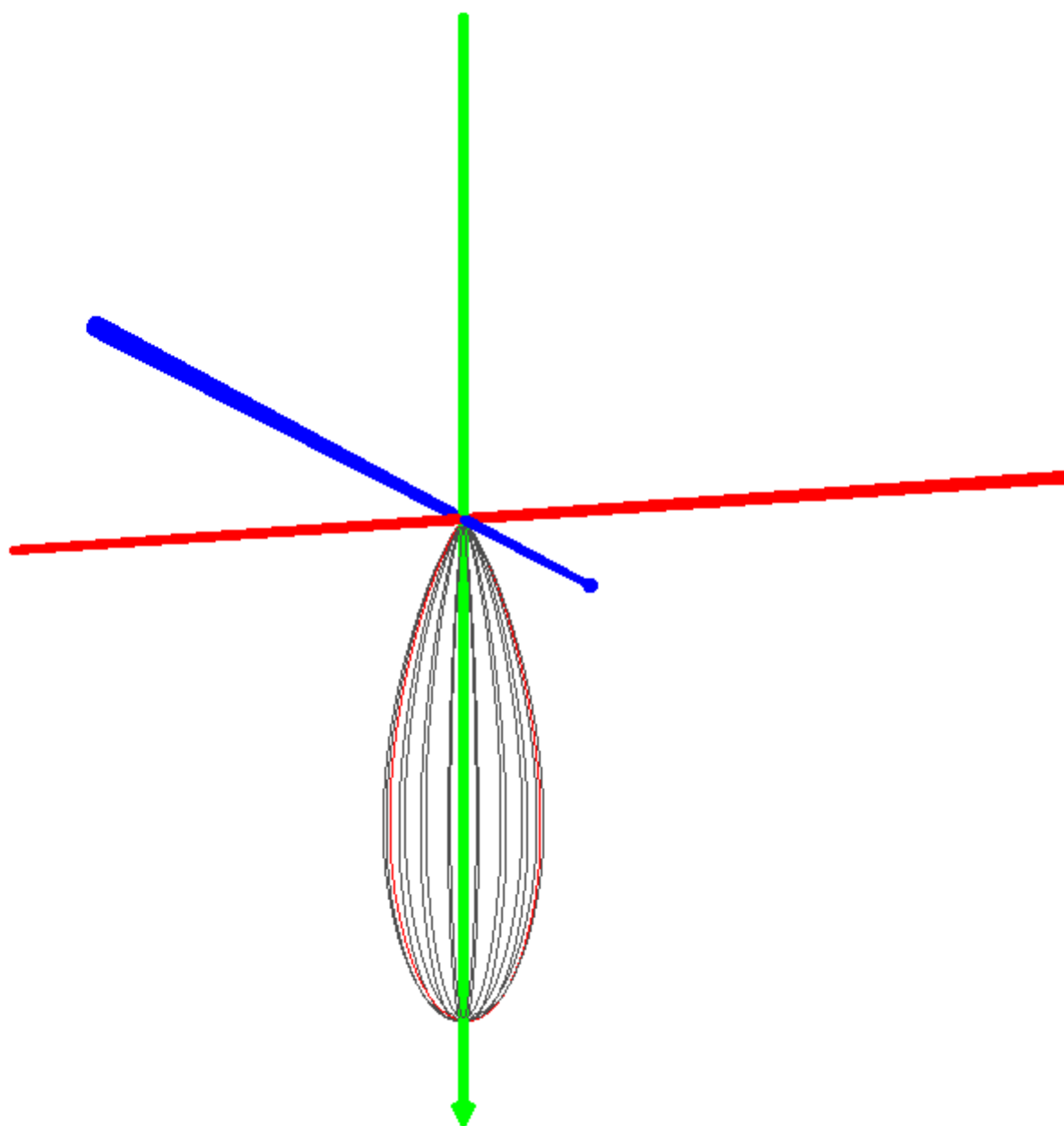
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## Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

Ext  
end  
ed  
elec  
tric  
al  
rep  
ort

			P(%f)
0	0	0,307	0
1	100,000	100,000	100,000
2	0,00376	0,324	-1,26e-05
3	0,00547	9,690	-0,000251
4	0,00206	0,427	-7,68e-06
5	0,00333	7,476	0,000262
6	0,000946	0,357	0
7	0,00207	5,503	0,000206
8	0	0,414	0
9	0,00192	4,312	0,000101
10	0	0,420	0
11	0,0054	4,220	-0,000102
12	0	0,386	0
13	0,0034	1,737	-6,57e-05
14	0	0,431	0
15	0,00265	2,842	5,77e-05
16	0	0,379	0
17	0,00212	0,621	1,93e-05
18	0	0,434	0
19	0,00256	2,789	-2,52e-05
20	0,00114	0,362	0
21	0	0,266	2,84e-06

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22	0	0,360	0
23	0,00359	1,406	8,01e-06
24	0,000998	0,388	0
25	0,00235	0,684	-1,04e-05
26	0,00119	0,335	7,88e-07
27	0,0015	0,675	-2,04e-06
28	0,00106	0,356	-3,85e-07
29	0,00167	1,036	2,64e-05
30	0,00103	0,296	0
31	0,000989	0,162	-9,59e-06
32	0	0,331	-5,8e-07
33	0,00305	1,272	-7,2e-06
34	0,00103	0,320	1,89e-06
35	0,00166	1,368	9,28e-06
36	0,000885	0,256	-3,86e-07
37	0,00173	1,159	2,17e-06
38	0,00105	0,345	7,82e-07
39	0,00352	1,707	6,07e-06
40	0,00127	0,247	-1,24e-07
41	0,00307	1,154	4,63e-06
42	0	0,353	-9,51e-07
43	0,00444	2,192	1,78e-05
44	0,00129	0,248	2,17e-06
45	0,00218	1,268	-1,34e-05
46	0,000876	0,342	1,12e-06
47	0,00391	1,996	1,92e-05
48	0,00104	0,319	-3,63e-08
49	0,00211	1,516	7,08e-06
50	0,000942	0,351	-4,07e-08

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