

# 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: *AZ6241*  
Serial No.:  
Made by: *A. Nawrot*

## Eulumdat Fields

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### Dimensions of luminaire

Company: *Azzardo*  
Report number: *AZ6241\_3000*  
LuminaireName: *Alfa Kira Track Magnetic 2Line 24W CCT Switch*  
LuminaireNumber: *AZ6240*  
FileName: *AZ6241\_3000.ldt*  
Date: *2024-09-21*

### Dimensions of luminaire

Length: *435 mm*  
Width: *24 mm*  
Height: *60 mm*

### Dimensions of luminous area

Length: *425 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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SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

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Type of lamps: *LED*  
Total luminous flux: *1425,33 lm*  
Color temperatur: *3011 K*  
Color rendering index: *92,39*  
Wattage including ballast: *24,97 W*

### Utilization factors:

k = 0.60	<i>0,722</i>
k = 0.80	<i>0,765</i>
k = 1.00	<i>0,813</i>
k = 1.25	<i>0,848</i>
k = 1.50	<i>0,875</i>
k = 2.00	<i>0,925</i>
k = 2.50	<i>0,933</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>= 229,637 V</i>
<i>I</i>	<i>= 0,125 A</i>
<i>P</i>	<i>= 24,974 W</i>
<i>Power factor</i>	<i>= 0,867</i>

<i>Power apparent</i>	<i>= 28,813 VA</i>
<i>Power Reactive</i>	<i>= -14,381 var</i>
<i>Frequency Voltage</i>	<i>= 50,003 Hz</i>
<i>THD</i>	<i>= 9,984 %</i>

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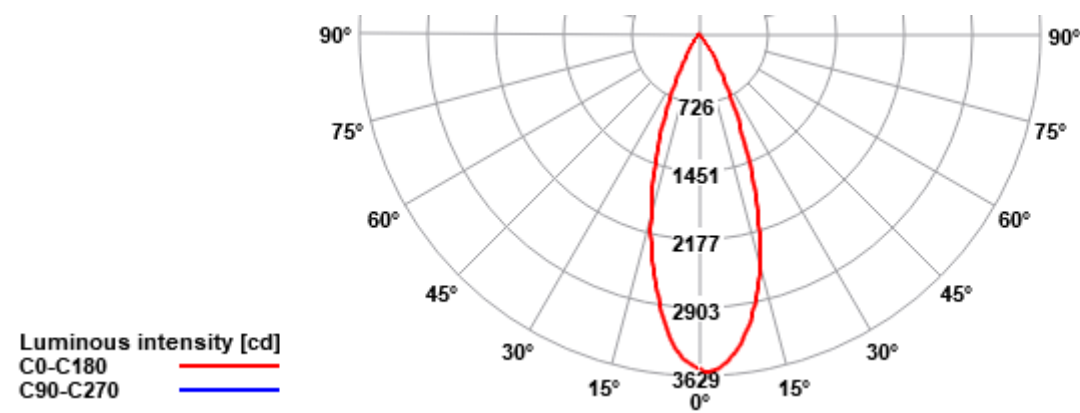
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	1425,33 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	3592,63 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	57,08 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4329
y	0,3970
Angular Colour Uniformity	0,0031

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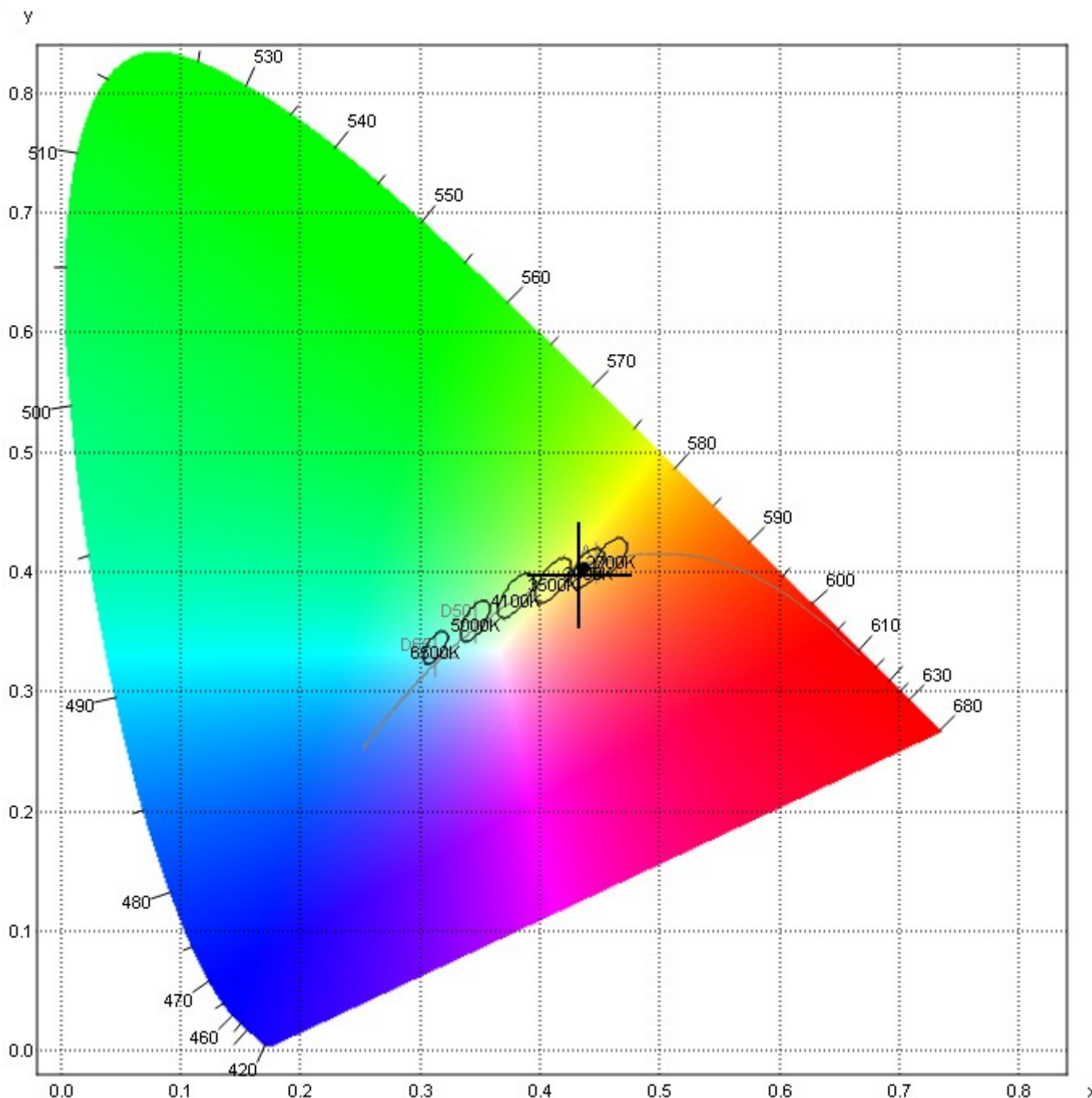
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## Beam cone

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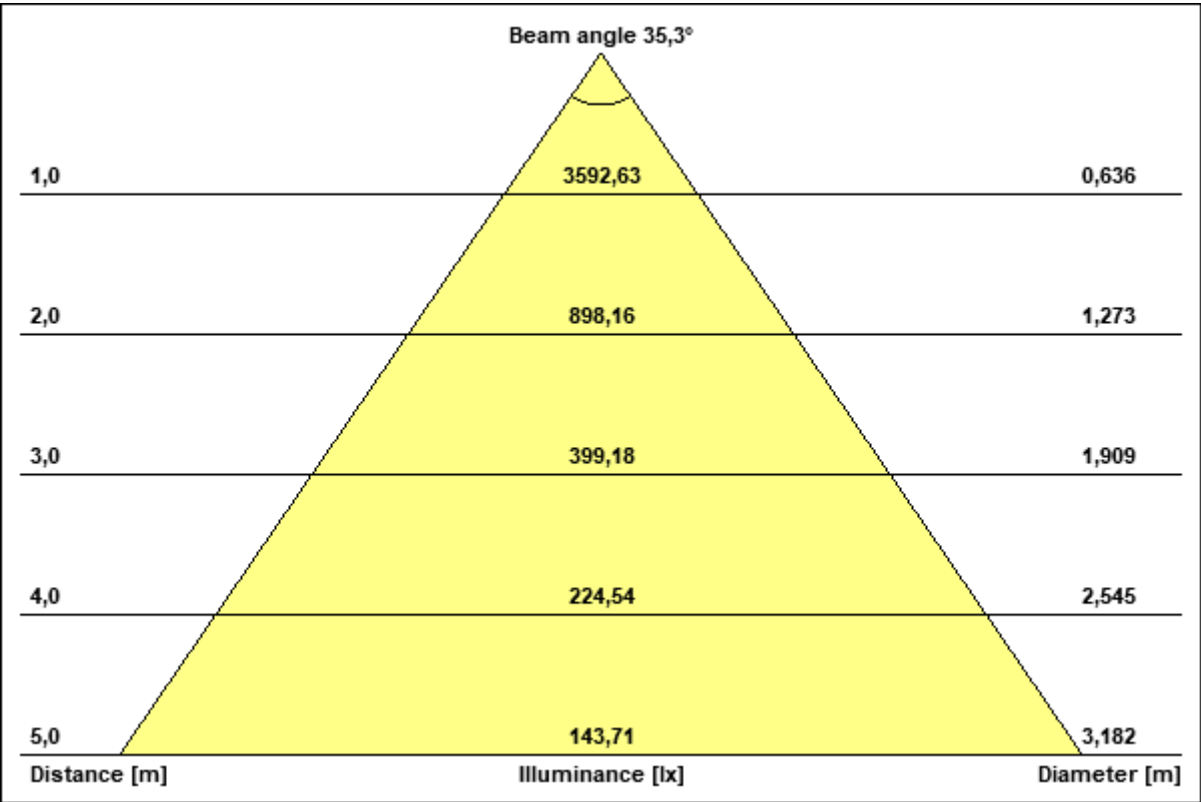
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Stabilization

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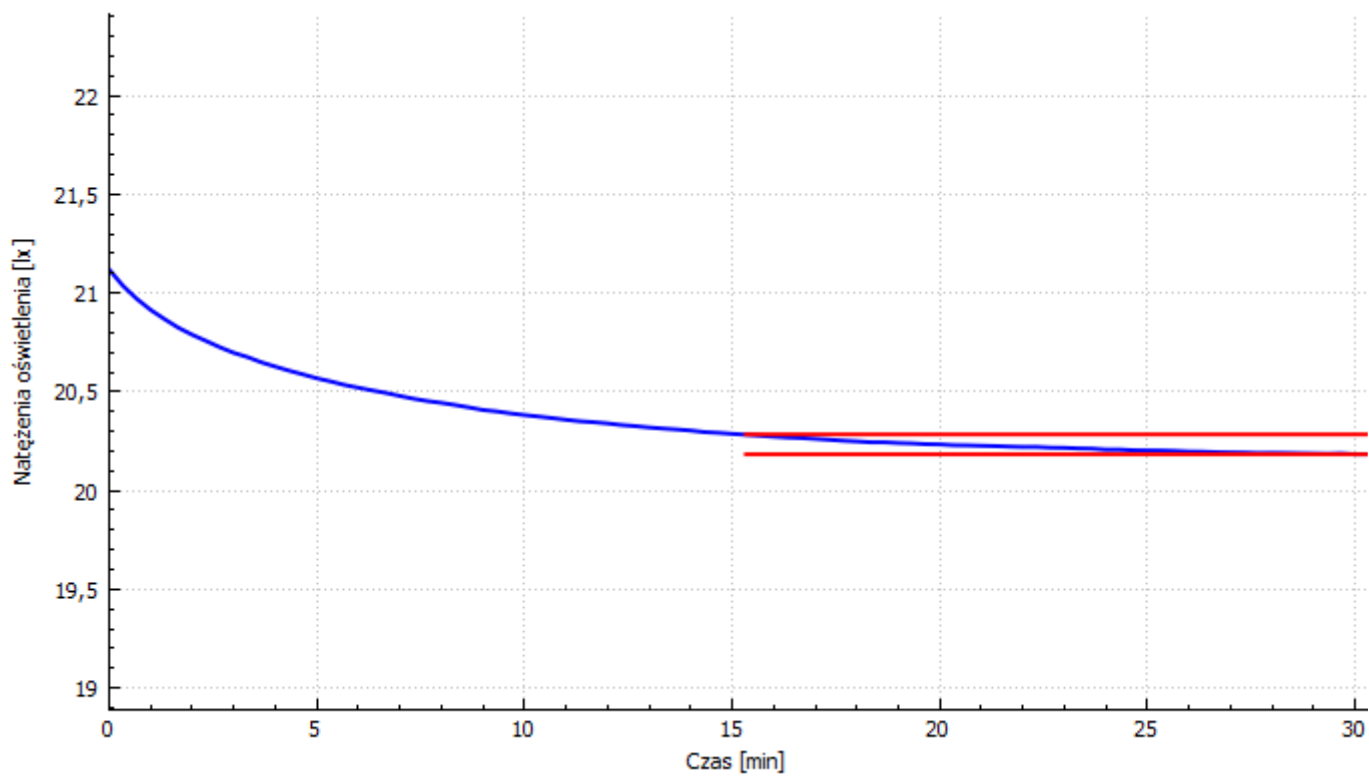
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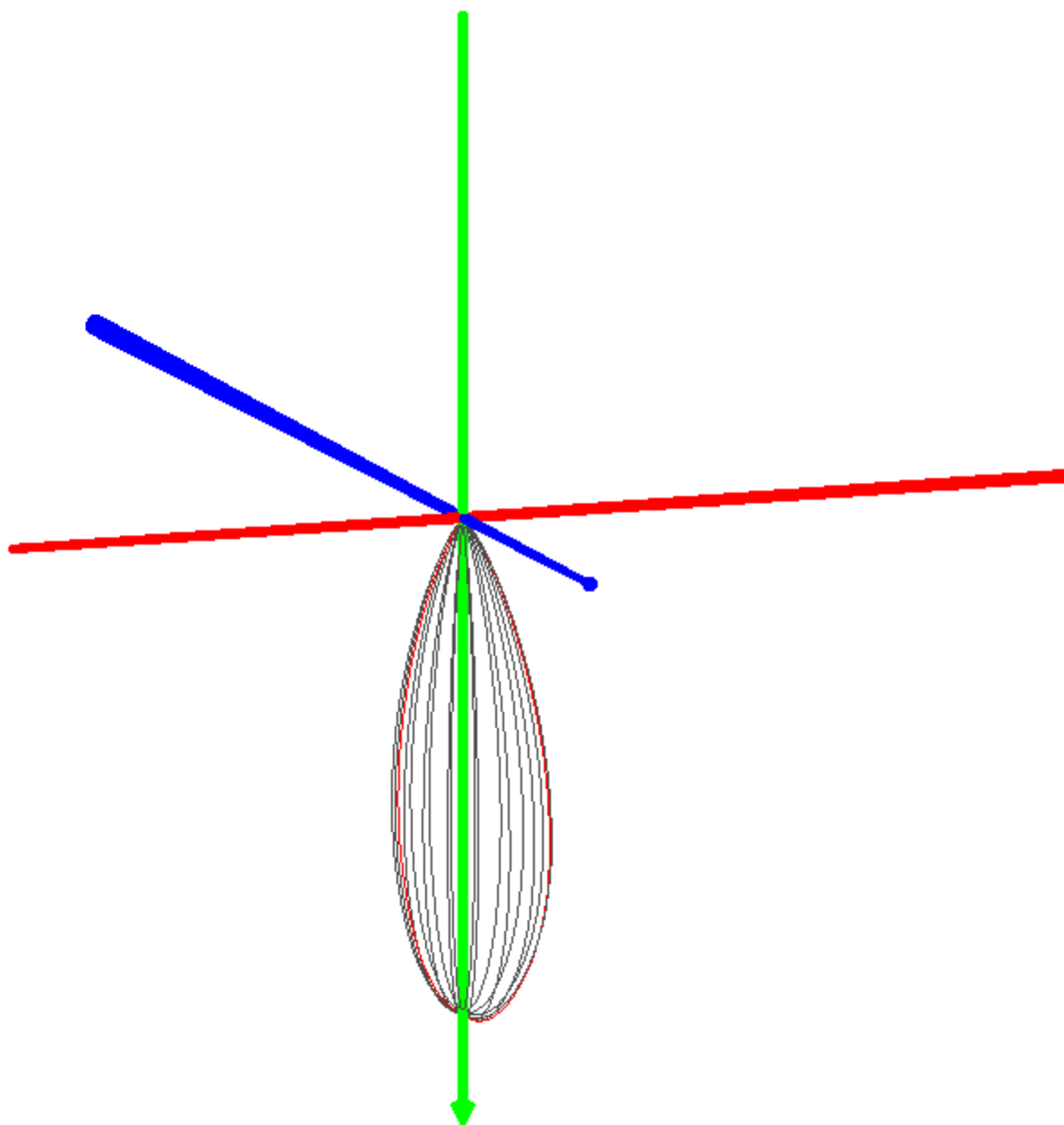
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### 3D Chart

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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	0,00325	0,200	-2,39e-06
1	100,000	100,000	100,000
2	0,00547	0,177	6,41e-06
3	0,00238	6,209	-5,2e-05
4	0,00211	0,173	-1,34e-06
5	0,00515	3,818	-4,58e-06
6	0,0012	0,124	-2,81e-06
7	0,000992	3,118	1,12e-05
8	0,00103	0,176	-1,9e-06
9	0,00314	2,857	2,19e-05
10	0	0,145	0
11	0,00504	2,425	-1,96e-06
12	0,000951	0,136	0
13	0,00155	1,671	-4,63e-06
14	0	0,126	0
15	0,00152	2,343	-1,01e-05
16	0,00128	0,103	0
17	0,0023	0,953	7,08e-06
18	0,000967	0,141	0
19	0,0021	1,116	1,29e-05
20	0	0,0947	0
21	0,00235	0,886	1,72e-05

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22	0	0,0891	0
23	0,00431	1,494	2,62e-06
24	0	0,0966	0
25	0,0026	0,850	1,33e-08
26	0,00125	0,0474	-1,05e-06
27	0	0,752	0
28	0,00121	0,0634	-4,52e-07
29	0,0019	0,489	1,04e-05
30	0,00137	0,0662	8,37e-07
31	0,00203	0,490	3,89e-06
32	0,000995	0,0429	1,2e-06
33	0,00134	0,323	-4,41e-06
34	0,00126	0,0679	3,21e-07
35	0,00111	0,164	-1,53e-07
36	0,00145	0,0461	-7,83e-07
37	0,00226	0,548	-1,07e-06
38	0,00157	0,0699	1,18e-07
39	0,00188	0,803	4,44e-06
40	0,00136	0,0883	0
41	0,00145	0,426	-4,55e-06
42	0,00147	0,0766	0
43	0,00181	0,323	-3,73e-06
44	0,00104	0,133	0
45	0,00151	0,418	6,94e-07
46	0,00125	0,093	-1,24e-06
47	0,00382	0,926	1,31e-05
48	0,00169	0,159	3,24e-07
49	0,00139	0,488	0
50	0,00203	0,124	8,96e-07

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