

# GL GONIOSPECTROMETER MEASUREMENT TAG LIST

## Report Wizard Sample Description Lines

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Client name: *Azzardo Lighting*

Model name: *Alfa DALI Niko2 Track Magnetic 2x7W CCT Switch*

Item No: *AZ6293*

Serial No.:

Made by: *A. Nawrot*

## Eulumdat Fields

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### Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ6293\_6000*

LuminaireName: *Alfa DALI Kira Track Magnetic 24W CCT Dimm*

LuminaireNumber: *AZ6293*

FileName: *AZ6293\_6000.ldt*

Date: *2024-09-28*

### Dimensions of luminaire

Length: *125 mm*

Width: *35 mm*

Height: *175 mm*

### Dimensions of luminous area

Length: *115 mm*

Width: *25 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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KRS: 0000537079

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SWIFT BIC: RCBWPLPW

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Type of lamps: *LED*  
Total luminous flux: *675,99 lm*  
Color temperatur: *6388 K*  
Color rendering index: *91,68*  
Wattage including ballast: *15,85 W*

### Utilization factors:

$k = 0.60$	<i>0,725</i>
$k = 0.80$	<i>0,768</i>
$k = 1.00$	<i>0,815</i>
$k = 1.25$	<i>0,850</i>
$k = 1.50$	<i>0,876</i>
$k = 2.00$	<i>0,927</i>
$k = 2.50$	<i>0,934</i>
$k = 3.00$	<i>0,947</i>
$k = 4.00$	<i>0,967</i>
$k = 5.00$	<i>0,981</i>

### Electrical parameters

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$U$	<i>= 229,650 V</i>
$I$	<i>= 0,130 A</i>
$P$	<i>= 15,855 W</i>
Power factor	<i>= 0,529</i>

Power apparent	<i>= 29,949 VA</i>
Power Reactive	<i>= -25,409 var</i>
Frequency Voltage	<i>= 50,002 Hz</i>
THD	<i>= 29,309 %</i>

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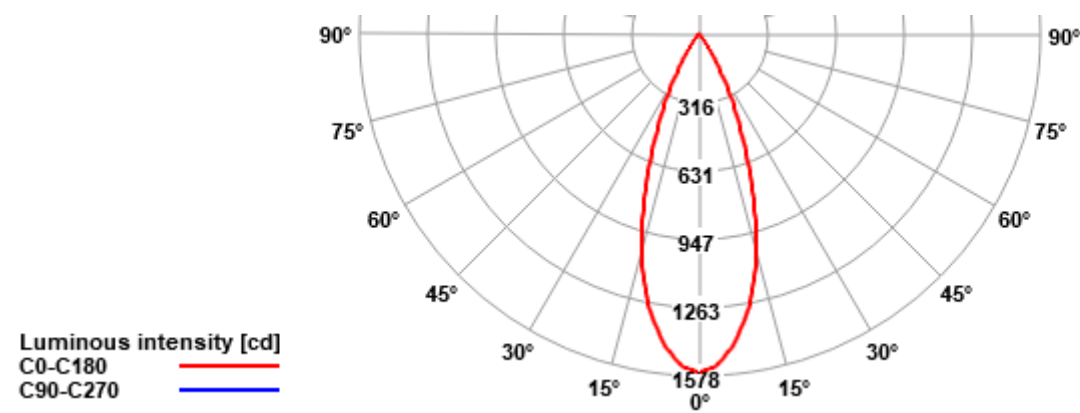
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	675,99 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	1562,50 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	42,65 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3149
y	0,3294
Angular Colour Uniformity	0,0138

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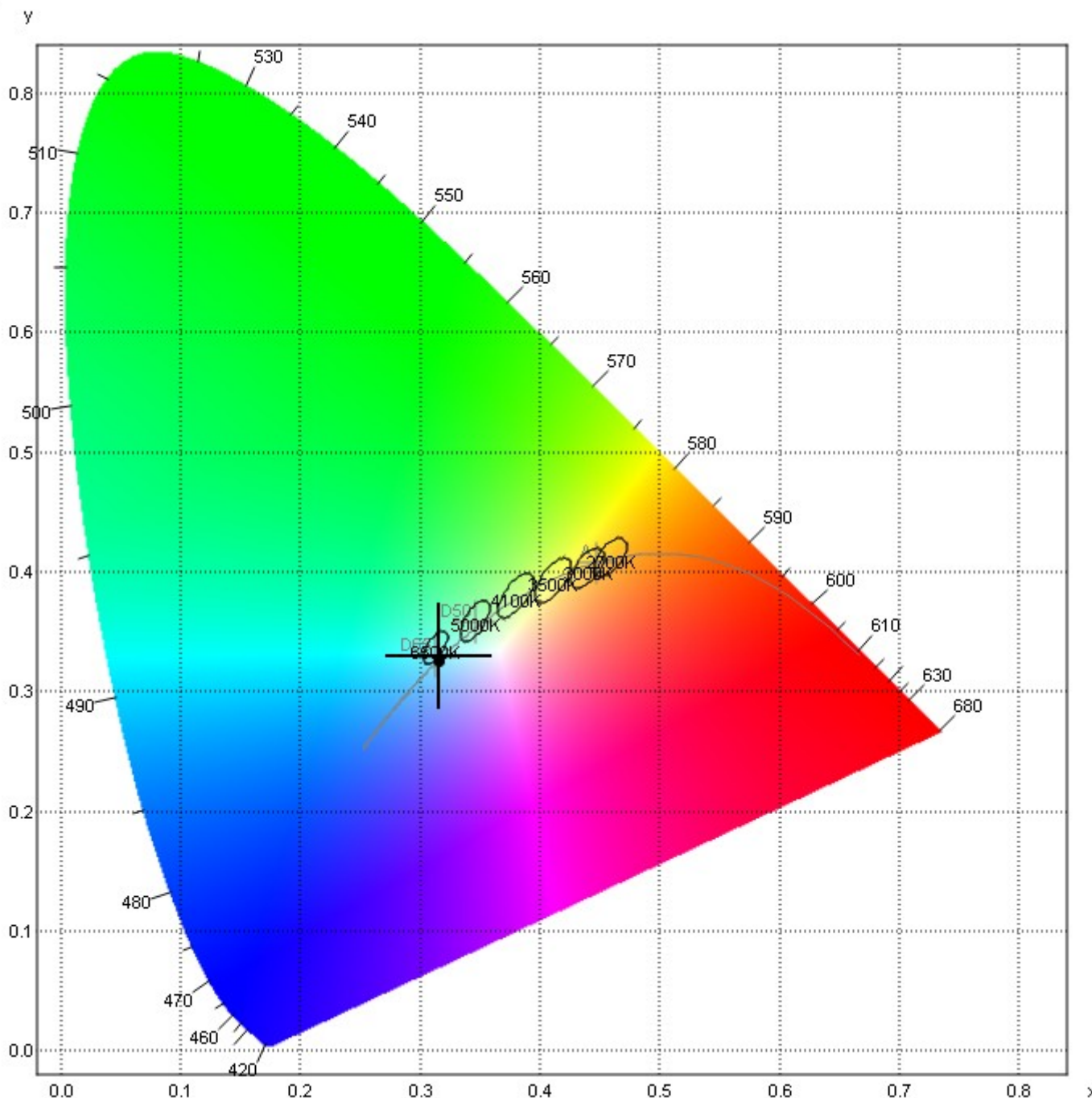
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## Beam cone

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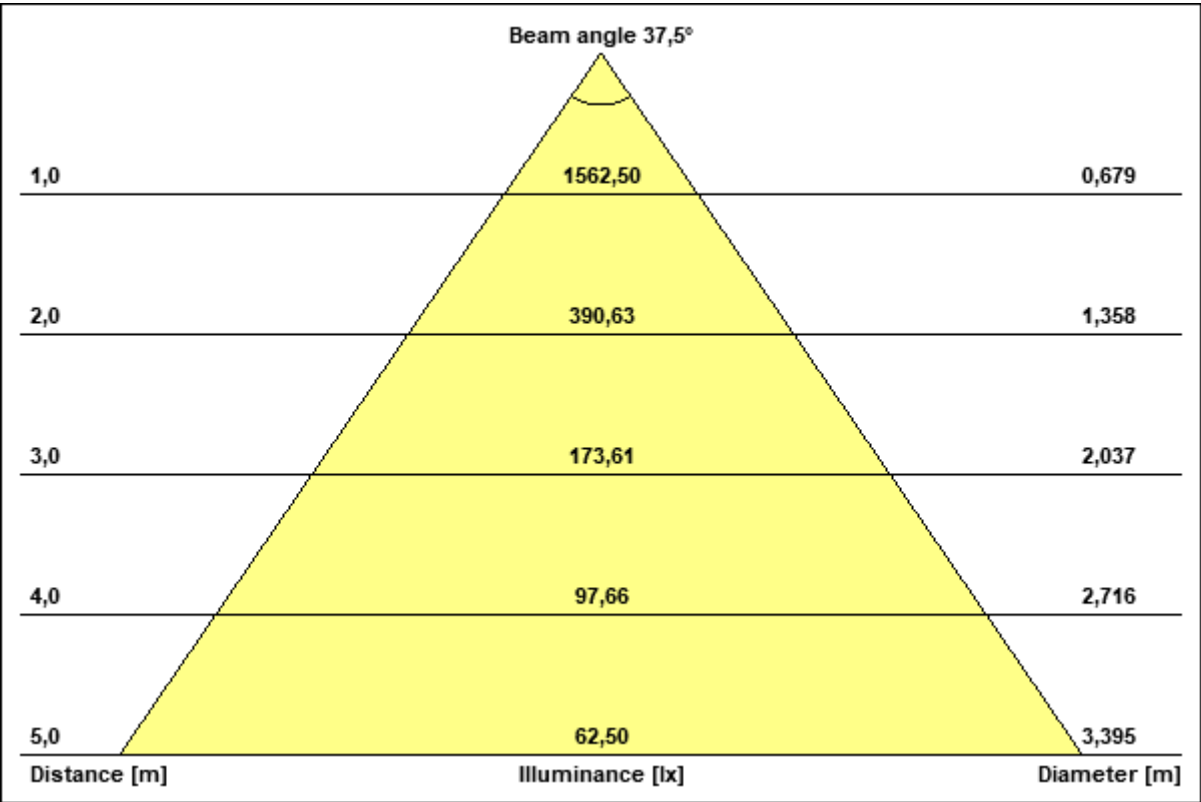
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Stabilization

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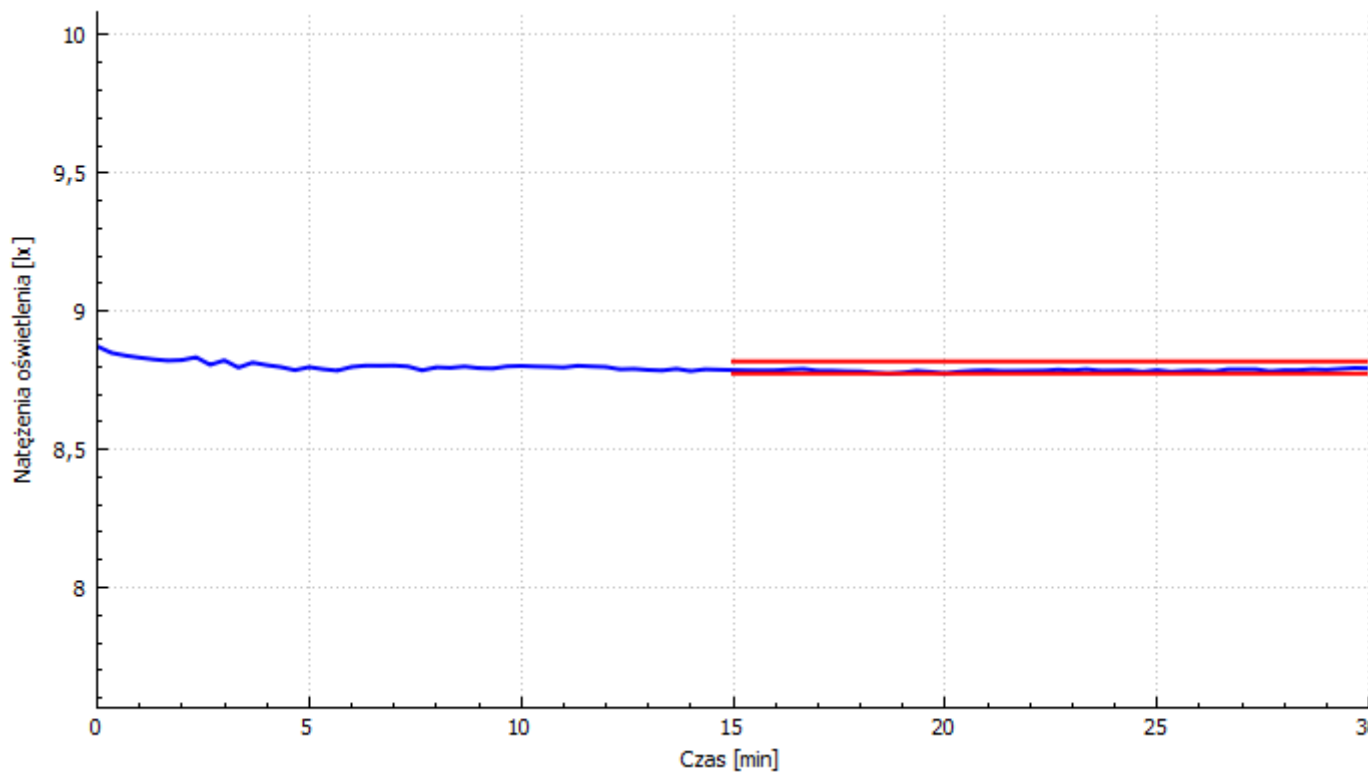
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### 3D Chart

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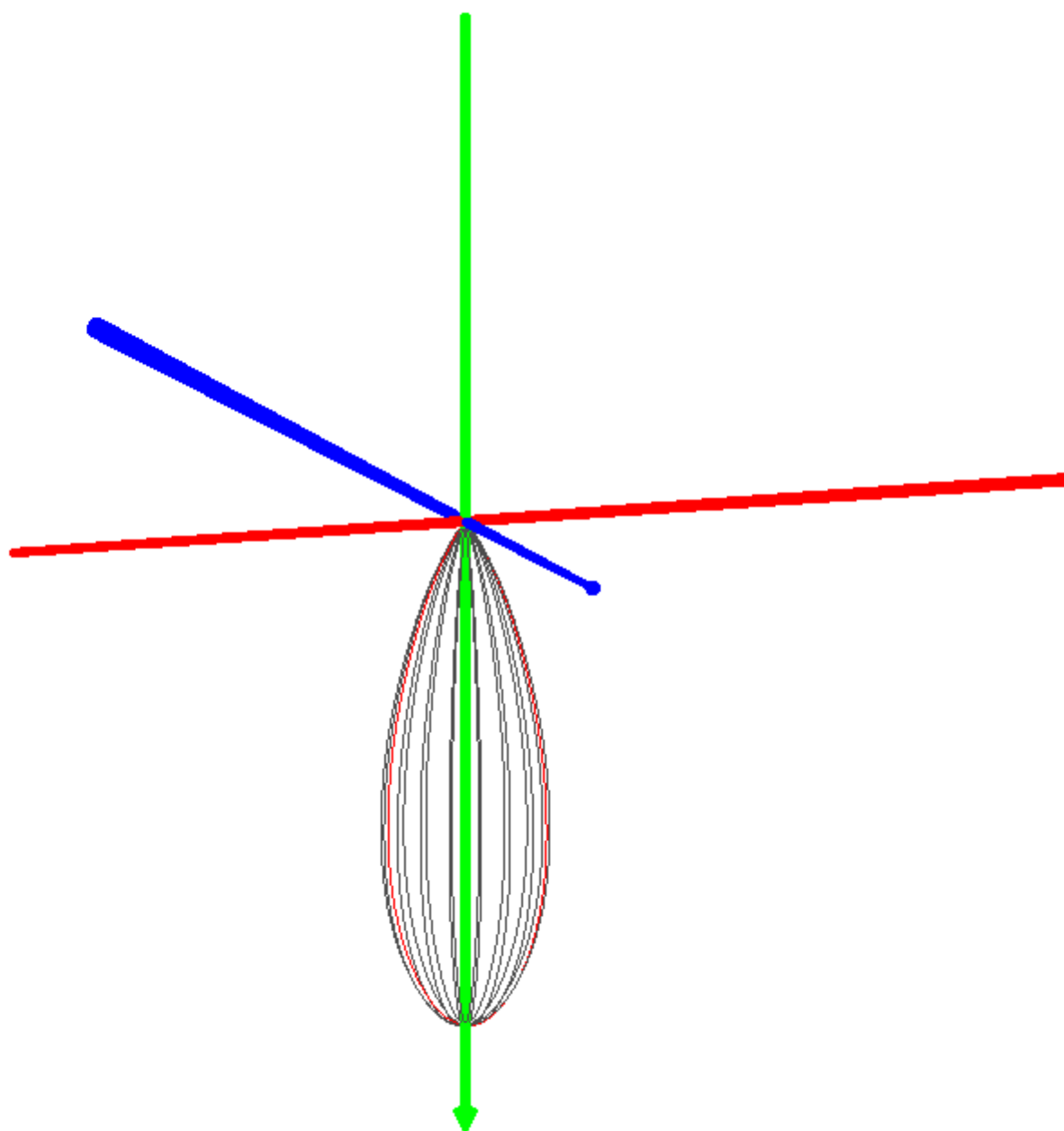
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## Legend

- C0-C180

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- C90-C270  
- G0-G180

U(%f)

I(%f)

**Ext  
end  
ed  
elec  
tric  
al  
rep  
ort**

			P(%f)
0	0,0455	0,0514	-8,59e-05
1	100,000	100,000	100,000
2	0,00706	0,0624	5,15e-07
3	0,00607	19,433	0,00097
4	0,00233	0,0576	-8,79e-07
5	0,00973	13,400	0,00221
6	0,00194	0,048	9,3e-07
7	0,00164	9,463	0,000259
8	0,00104	0,0631	1,3e-07
9	0,00388	4,472	8,95e-05
10	0	0,0517	0
11	0,00881	7,005	0,000717
12	0,00135	0,0595	3,58e-07
13	0,005	3,129	0,000188
14	0	0,0802	0
15	0,00649	4,692	0,000283
16	0,00112	0,0635	-3,08e-07
17	0,00798	4,474	4,47e-05
18	0,00103	0,0706	4,49e-08
19	0,00402	1,544	5,52e-06
20	0	0,0454	0
21	0,00859	4,718	0,000137

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22	0,00127	0,0553	-9,69e-08
23	0,00279	1,501	-3,14e-05
24	0,00102	0,0638	0
25	0,00597	3,411	9,6e-05
26	0,00104	0,0529	1,27e-06
27	0,00697	3,038	0,000112
28	0,00135	0,0788	-5,1e-07
29	0,00234	1,334	2,1e-05
30	0,000862	0,0607	1,35e-06
31	0,00787	3,306	6,95e-05
32	0,000912	0,0668	3e-08
33	0,0019	1,126	1,31e-06
34	0,00147	0,0494	0
35	0,00698	2,513	4,1e-05
36	0,00116	0,0764	9,16e-07
37	0,00721	2,283	7,01e-05
38	0,00128	0,0911	7,11e-07
39	0,00405	1,303	1,26e-05
40	0,00169	0,110	1,9e-06
41	0,00875	2,508	-8,83e-06
42	0,000982	0,109	5,64e-07
43	0,00445	1,372	-8,79e-07
44	0,00136	0,108	1,09e-07
45	0,00647	1,894	5,01e-05
46	0,00149	0,094	6,24e-07
47	0,00581	1,831	2,93e-05
48	0,00133	0,0482	0
49	0,00429	1,390	-4,15e-06
50	0,00166	0,154	3,75e-06

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