

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Alfa DALI Niko Track Magnetic 12W CCT Switch*

Item No: *AZ6291*

Serial No.:

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ6291_6000*

LuminaireName: *Alfa DALI Niko Track Magnetic 12W CCT Dimm*

LuminaireNumber: *AZ6291*

FileName: *AZ6291_6000.ldt*

Date: *2024-09-26*

Dimensions of luminaire

Length: *45 mm*

Width: *0 mm*

Height: *195 mm*

Dimensions of luminous area

Length: *30 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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PLN: IBAN 78 1750 0012 0000 0000 2709 9432

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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: *722,44 lm*
Color temperatur: *5257 K*
Color rendering index: *94,08*
Wattage including ballast: *14,38 W*

Utilization factors:

k = 0.60	<i>0,704</i>
k = 0.80	<i>0,751</i>
k = 1.00	<i>0,801</i>
k = 1.25	<i>0,838</i>
k = 1.50	<i>0,866</i>
k = 2.00	<i>0,918</i>
k = 2.50	<i>0,927</i>
k = 3.00	<i>0,941</i>
k = 4.00	<i>0,962</i>
k = 5.00	<i>0,975</i>

Electrical parameters

<i>U</i>	<i>= 229,655 V</i>
<i>I</i>	<i>= 0,127 A</i>
<i>P</i>	<i>= 14,377 W</i>
<i>Power factor</i>	<i>= 0,496</i>

<i>Power apparent</i>	<i>= 29,076 VA</i>
<i>Power Reactive</i>	<i>= -25,261 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 34,005 %</i>

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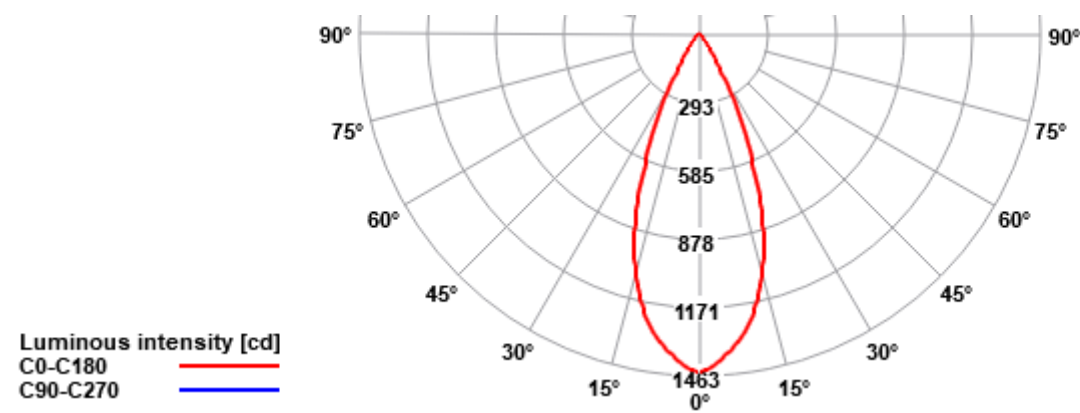
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	722,44 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	1448,75 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	50,24 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3381
y	0,3407
Angular Colour Uniformity	0,0064

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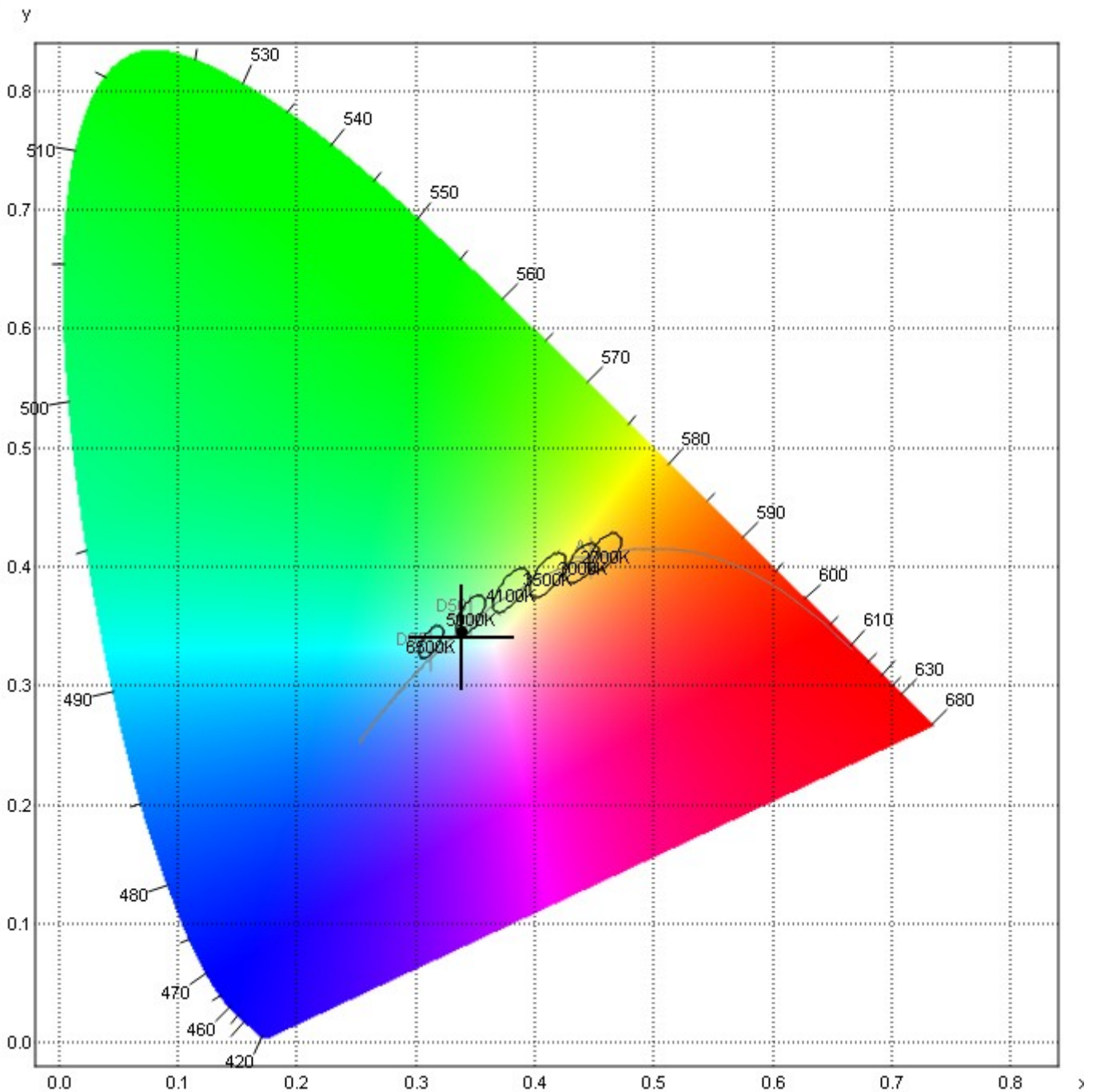
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Beam cone

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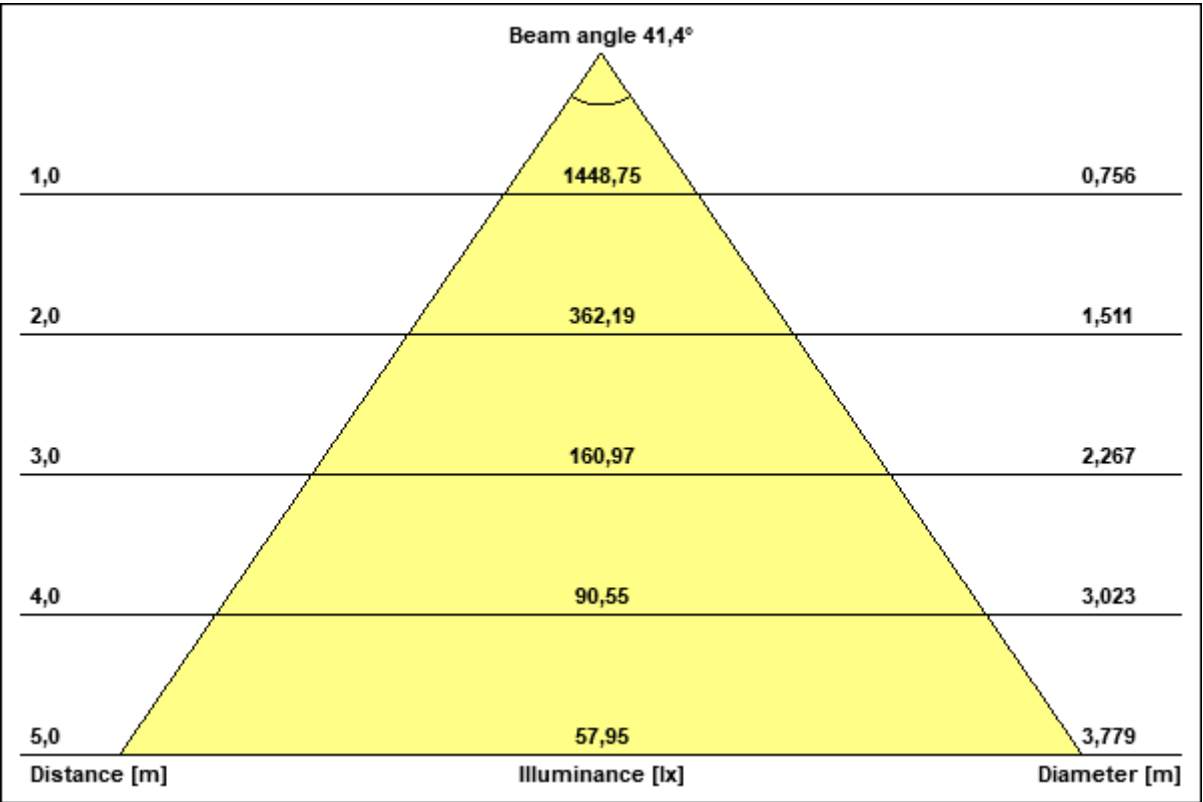
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Stabilization

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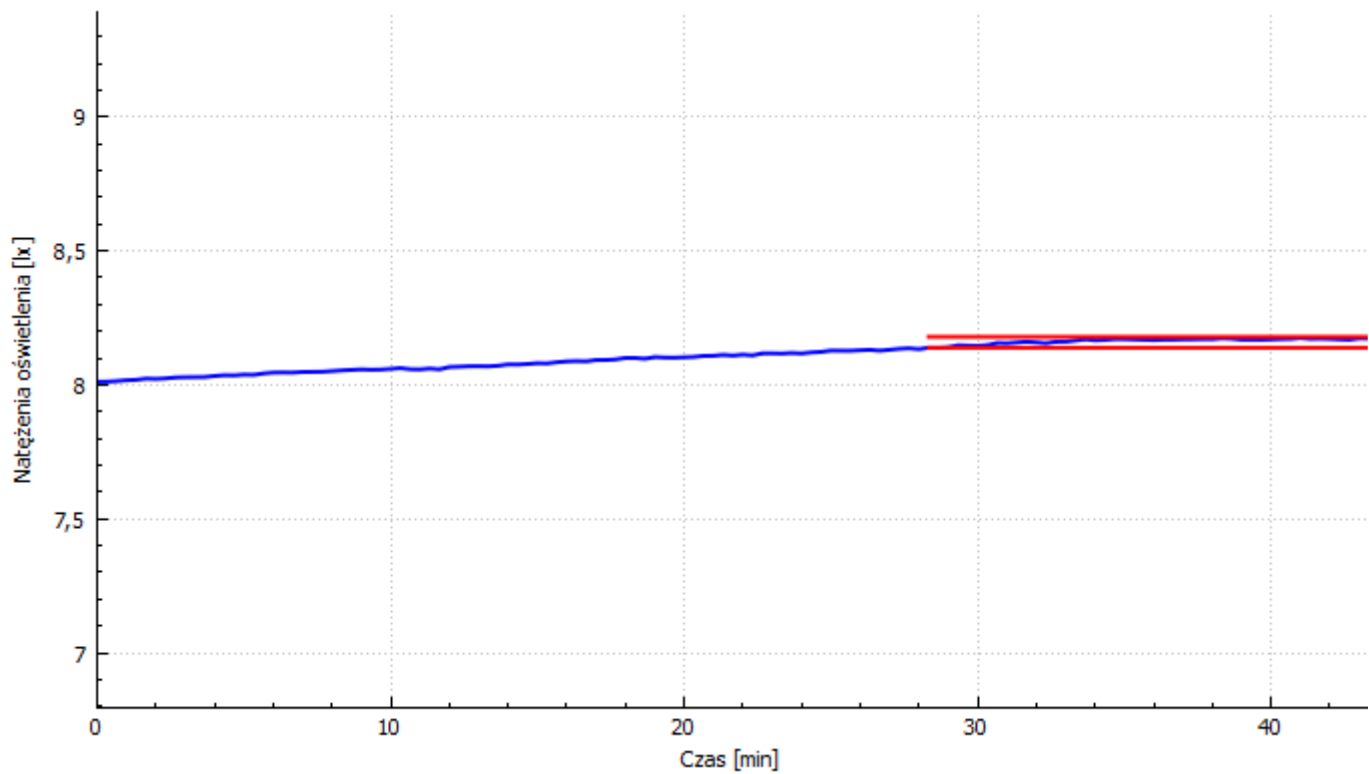
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3D Chart

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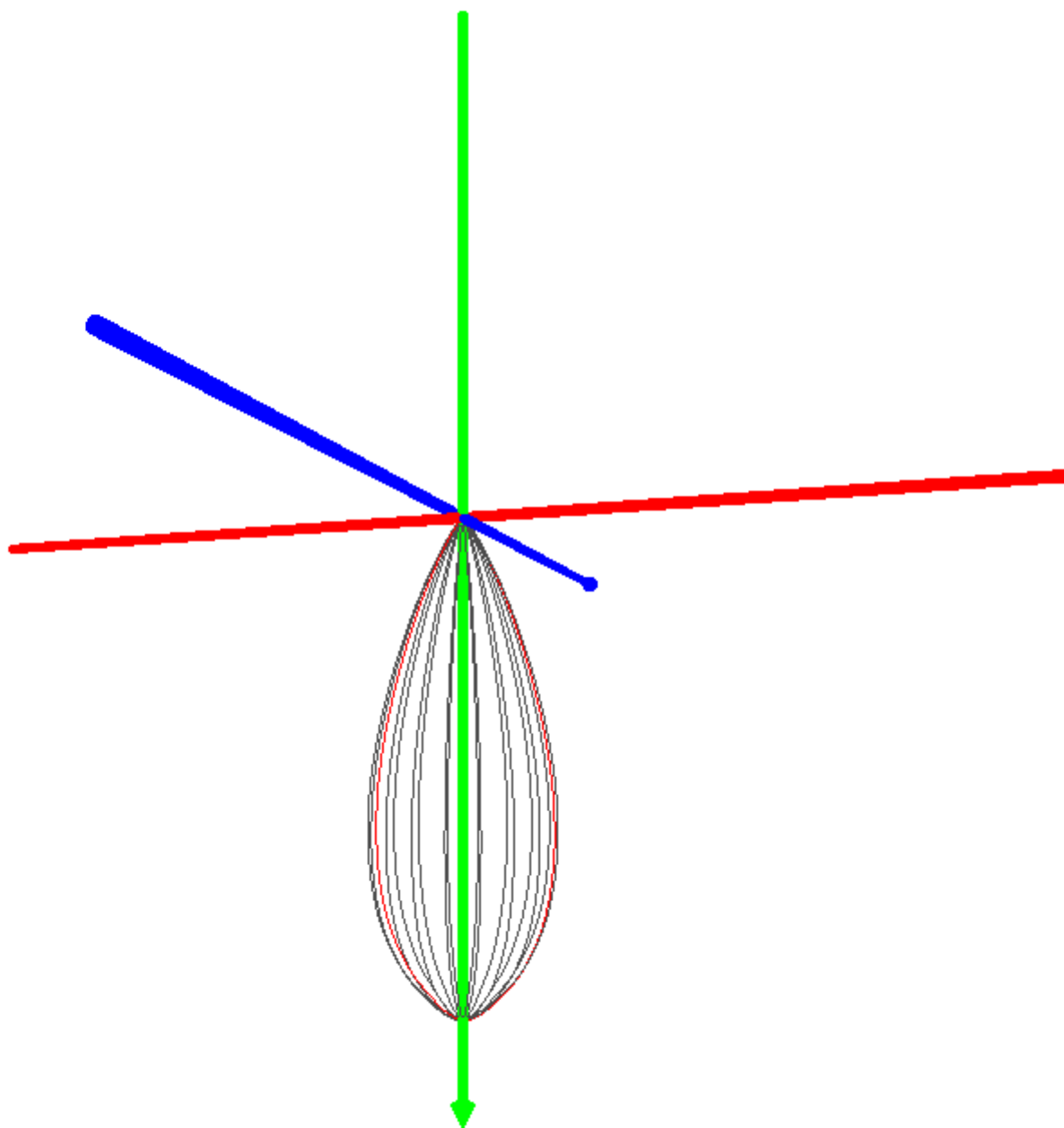
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Legend

- C0-C180

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- C90-C270
- G0-G180

U(%f)

I(%f)

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

U(%f)			I(%f)	P(%f)
Ext end elec tric al rep ort				
0	0,00188	2,434	0	
1	100,000	100,000	100,000	
2	0,00818	2,003	-4,71e-06	
3	0,00721	26,544	0,00205	
4	0,00312	3,023	-1,21e-05	
5	0,00652	8,350	0,00122	
6	0,0029	2,810	-1,33e-05	
7	0,00521	12,520	0,000717	
8	0,00228	2,364	-1,4e-05	
9	0,00295	4,247	1,23e-05	
10	0,00242	3,471	-1,42e-05	
11	0,00505	6,244	0,00103	
12	0,00292	1,456	-1,61e-05	
13	0,00399	5,518	0,00014	
14	0,00168	3,386	-1,82e-05	
15	0,00277	2,540	0,000158	
16	0,0036	1,461	-1,2e-05	
17	0,00749	4,600	5,47e-05	
18	0,00271	2,819	-1,65e-05	
19	0,0041	2,417	6,14e-05	
20	0,00455	1,854	-9,22e-06	
21	0,00648	2,622	0,000101	

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22	0,00322	2,227	-1,4e-05
23	0,00698	3,010	-7,06e-05
24	0,00473	1,898	-8,35e-06
25	0,00132	1,646	-2,47e-05
26	0,0031	2,087	-1,93e-05
27	0,00425	2,899	0,000114
28	0,00415	1,602	-8,9e-06
29	0,00387	0,987	-2,84e-06
30	0,00246	2,183	-1,41e-05
31	0,00328	1,981	4,05e-05
32	0,00377	1,241	-7,66e-06
33	0,00753	1,860	-7,88e-06
34	0,0025	2,078	-4,88e-06
35	0,00182	0,799	3,16e-05
36	0,00426	0,979	-3e-06
37	0,00563	1,608	1,76e-05
38	0,00283	1,755	-3,82e-06
39	0,00647	1,550	6,79e-06
40	0,0039	1,183	3,89e-07
41	0,00317	1,048	-1,38e-05
42	0,00298	1,310	-4,16e-06
43	0,00585	1,771	4,24e-05
44	0,00466	0,988	-1,39e-06
45	0,00593	1,408	-2,31e-05
46	0,00326	0,983	-1,53e-06
47	0,0061	1,345	-1,96e-05
48	0,00548	0,883	-4,23e-06
49	0,00551	1,478	1,39e-05
50	0,00354	1,109	2,23e-06

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