

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_3000*

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

LuminaireNumber: *AZ6255*

FileName: *AZ6255_3000.ldt*

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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NIP: 783-171-97-20

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REGON 360317241

PL-62-040 Puszczkowo; 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: *359,66 lm*
 Color temperatur: *2863 K*
 Color rendering index: *87,82*
 Wattage including ballast: *8,94 W*

Utilization factors:

$k = 0.60$	<i>0,659</i>
$k = 0.80$	<i>0,714</i>
$k = 1.00$	<i>0,770</i>
$k = 1.25$	<i>0,813</i>
$k = 1.50$	<i>0,845</i>
$k = 2.00$	<i>0,901</i>
$k = 2.50$	<i>0,914</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 = *229,662 V*
 I = *0,069 A*
 P = *8,936 W*
 Power factor = *0,560*

Power apparent = *15,954 VA*
 Power Reactive = *-13,214 var*
 Frequency Voltage = *50,003 Hz*
 THD = *23,865 %*

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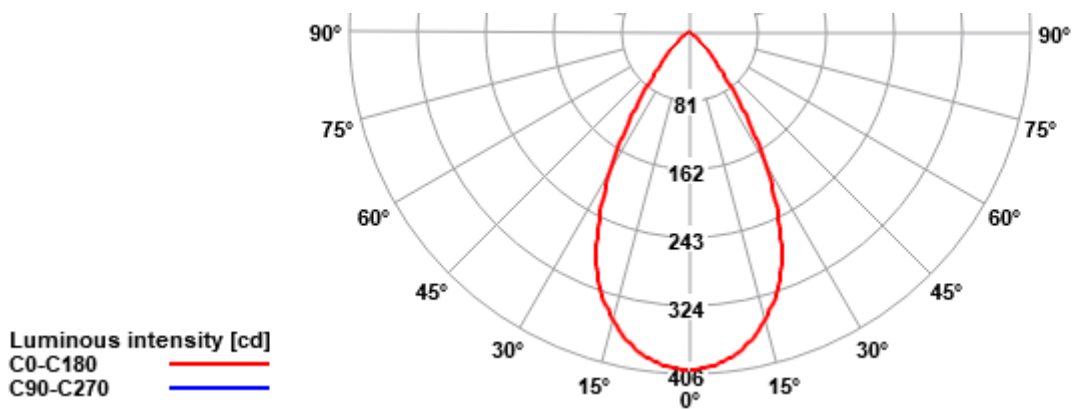
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminaire flux)	359,66 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	401,56 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	40,23 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4411
y	0,3960
Angular Colour Uniformity	0,0020

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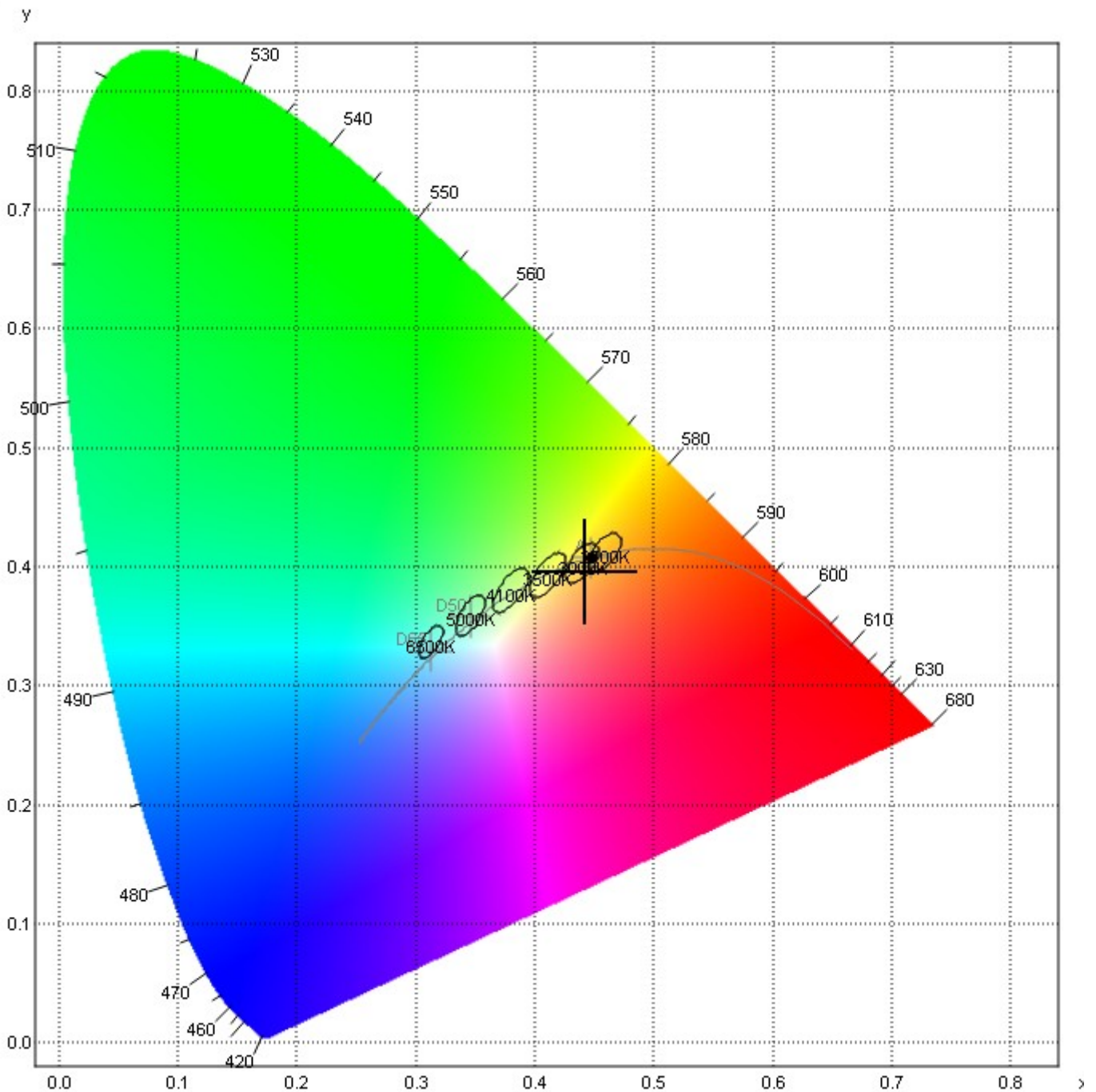
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Beam cone

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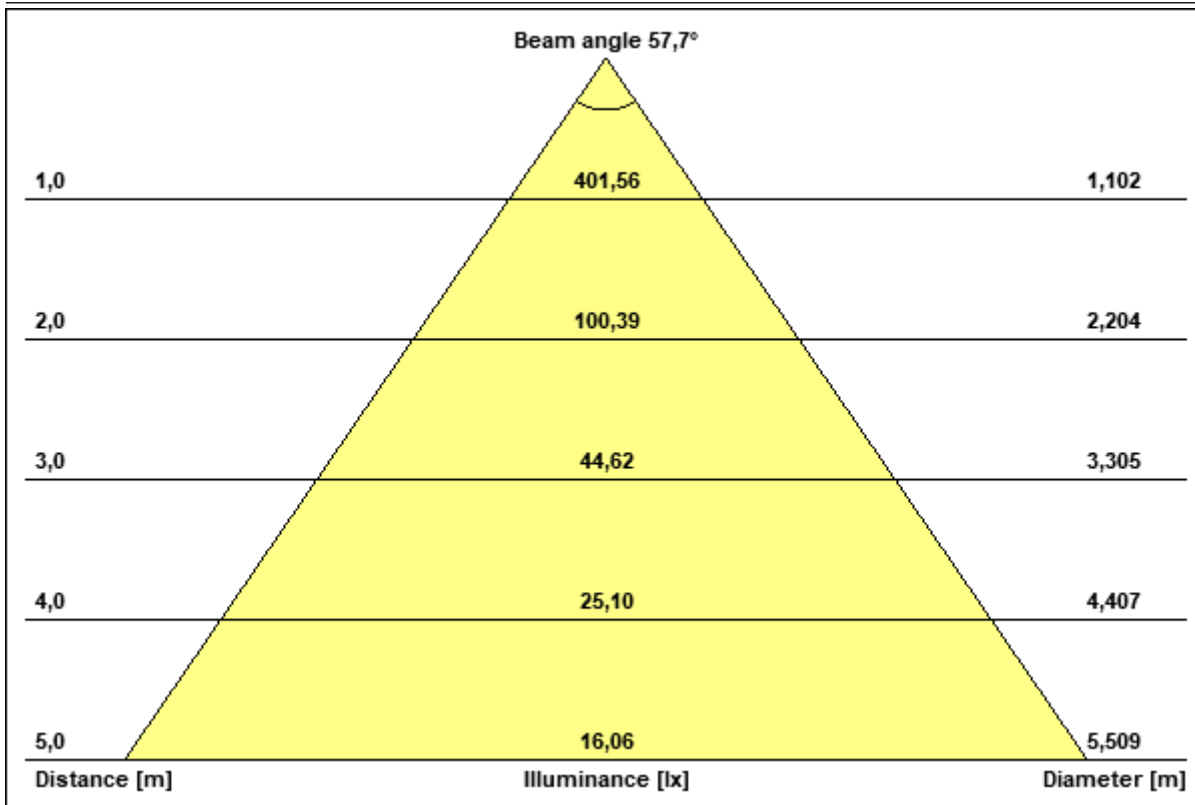
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Stabilization

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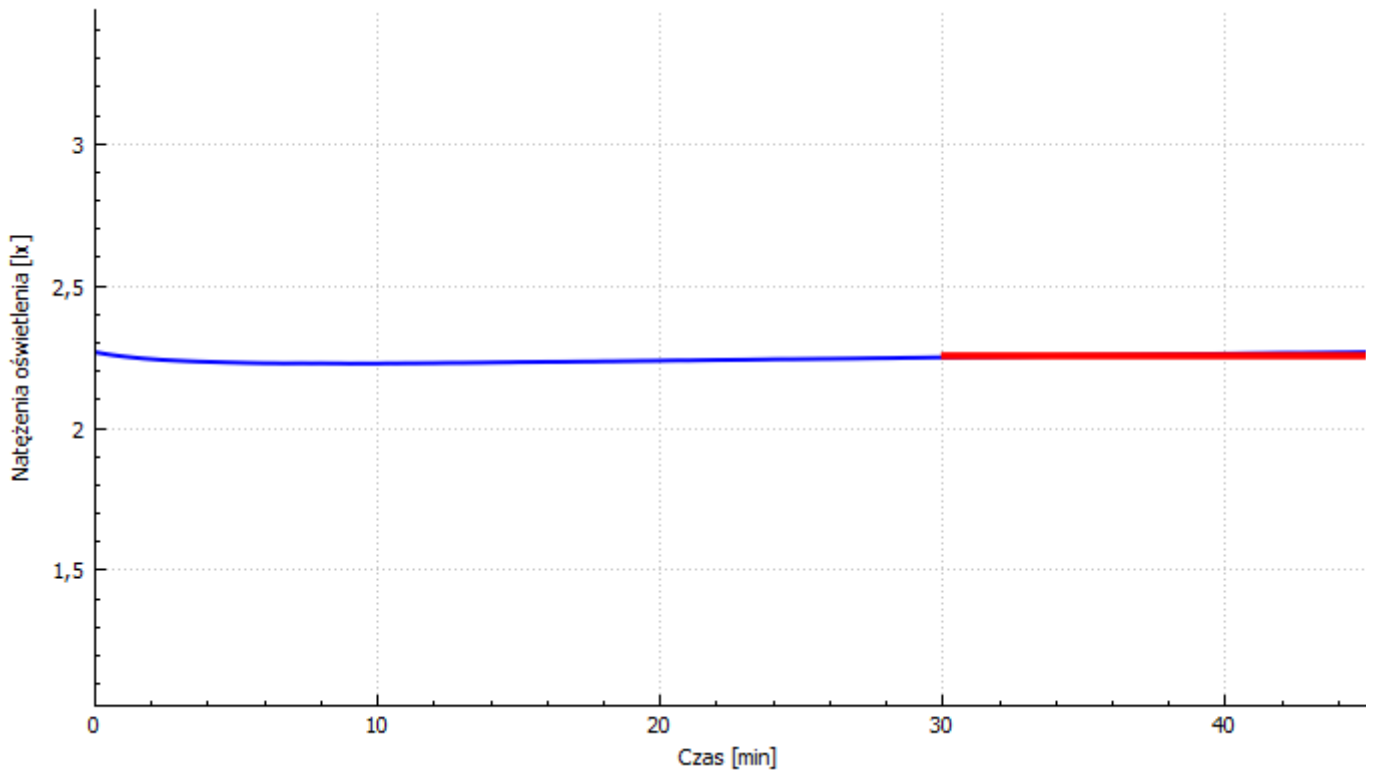
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3D Chart

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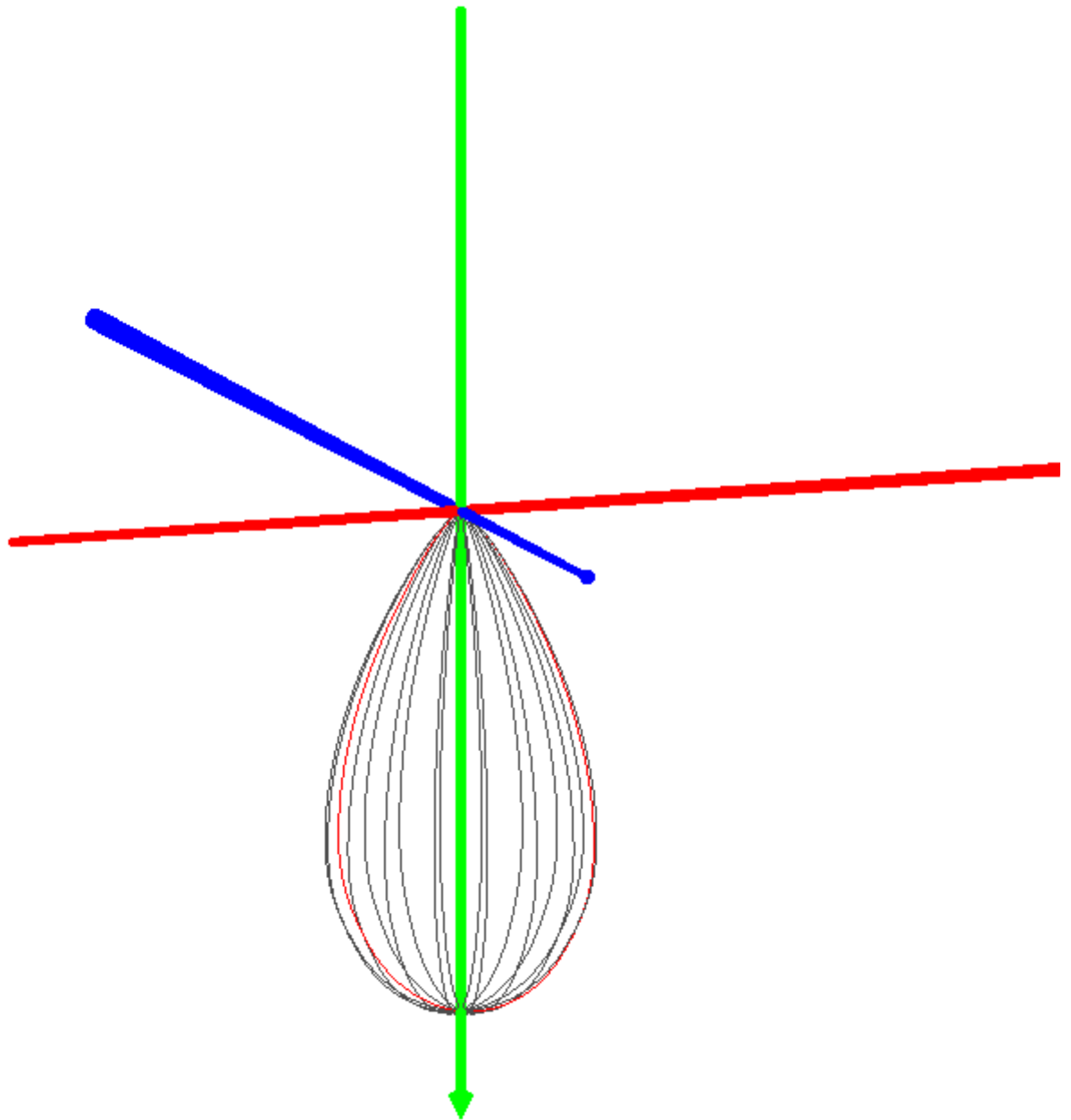
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Legend

— C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

P(%f)

**Ext
end
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0	0,00147	0,555	-8,93e-06
1	100,000	100,000	100,000
2	0,0137	0,621	-1,06e-05
3	0,00223	13,723	-0,000198
4	0,00439	0,640	2,11e-06
5	0,00883	11,257	0,00136
6	0,00359	0,654	7,71e-06
7	0,00547	6,081	0,000443
8	0,00244	0,671	2,88e-06
9	0,0014	5,364	4,26e-05
10	0,00137	0,599	3,35e-06
11	0,00558	6,205	-0,000125
12	0,00171	0,581	1,16e-05
13	0,00127	2,709	-1,44e-05
14	0,00149	0,571	-6,75e-06
15	0,00197	4,821	-0,000138
16	0	0,546	0
17	0	1,523	-1,09e-05
18	0,00139	0,463	5,31e-06
19	0	3,147	0
20	0,00126	0,401	-7,83e-06
21	0,00408	2,332	-1,96e-05

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22	0,000856	0,486	0
23	0,00358	0,781	4,06e-05
24	0,00151	0,330	5,08e-06
25	0,00339	2,958	2,71e-05
26	0,000918	0,276	-4,07e-07
27	0,00296	1,235	8,11e-06
28	0	0,303	-7,89e-06
29	0,00354	2,919	5,58e-05
30	0,00173	0,261	1,6e-06
31	0,00441	2,540	-7,38e-06
32	0,00107	0,0961	-1,45e-07
33	0,00367	2,451	1,67e-05
34	0,000951	0,210	0
35	0,00503	3,332	-1,74e-05
36	0,00178	0,213	-8,47e-07
37	0,00379	2,243	-6,28e-06
38	0,00138	0,133	0
39	0,00525	3,569	-1,81e-05
40	0,0015	0,201	-6,95e-06
41	0,00591	2,277	3,26e-05
42	0,00236	0,381	-7,03e-06
43	0,00587	3,116	-2e-06
44	0,00114	0,288	3,12e-06
45	0,00502	2,547	-3,43e-05
46	0,00108	0,360	-8,88e-06
47	0,00439	2,339	-5,17e-05
48	0,00243	0,483	-9,86e-06
49	0,00475	2,410	-2,01e-05
50	0,00136	0,497	7,33e-06

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