

# GL GONIOSPECTROMETER MEASUREMENT TAG LIST

## Report Wizard Sample Description Lines

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Client name: *Azzardo Lighting*  
Model name: *Alfa Kira Track Magnetic 48W CCT Switch*  
Item No: *AZ6243*  
Serial No.:  
Made by: *A. Nawrot*

## Eulumdat Fields

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### Dimensions of luminaire

Company: *Azzardo*  
Report number: *AZ6243\_6000*  
LuminaireName: *Alfa Kira Track Magnetic 2Line 36W CCT Switch*  
LuminaireNumber: *AZ6243*  
FileName: *AZ6243\_6000.ldt*  
Date: *2024-09-23*

### Dimensions of luminaire

Length: *870 mm*  
Width: *24 mm*  
Height: *60 mm*

### Dimensions of luminous area

Length: *860 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: *3100,35 lm*  
Color temperatur: *7649 K*  
Color rendering index: *93,48*  
Wattage including ballast: *49,95 W*

### Utilization factors:

$k = 0.60$	<i>0,721</i>
$k = 0.80$	<i>0,764</i>
$k = 1.00$	<i>0,812</i>
$k = 1.25$	<i>0,848</i>
$k = 1.50$	<i>0,874</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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$U$	<i>= 229,633 V</i>
$I$	<i>= 0,228 A</i>
$P$	<i>= 49,954 W</i>
Power factor	<i>= 0,954</i>

Power apparent	<i>= 52,350 VA</i>
Power Reactive	<i>= -15,671 var</i>
Frequency Voltage	<i>= 50,002 Hz</i>
THD	<i>= 11,811 %</i>

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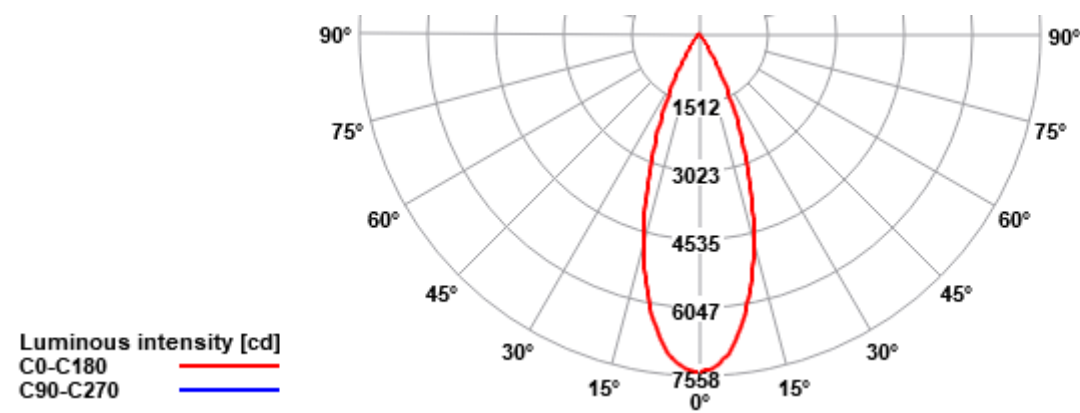
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	3100,35 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	7483,39 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	62,07 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,2992
y	0,3071
Angular Colour Uniformity	0,0061

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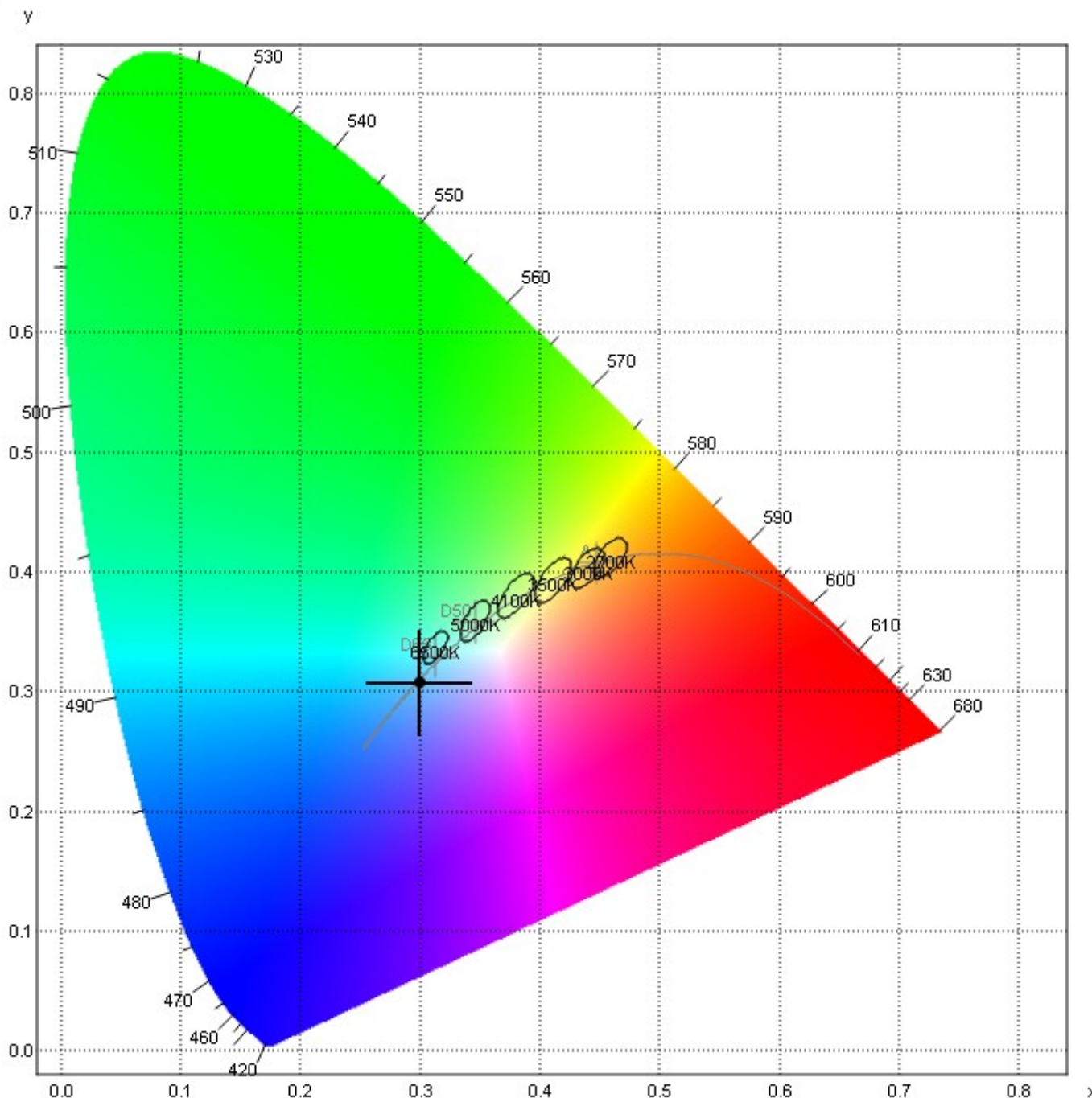
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## Beam cone

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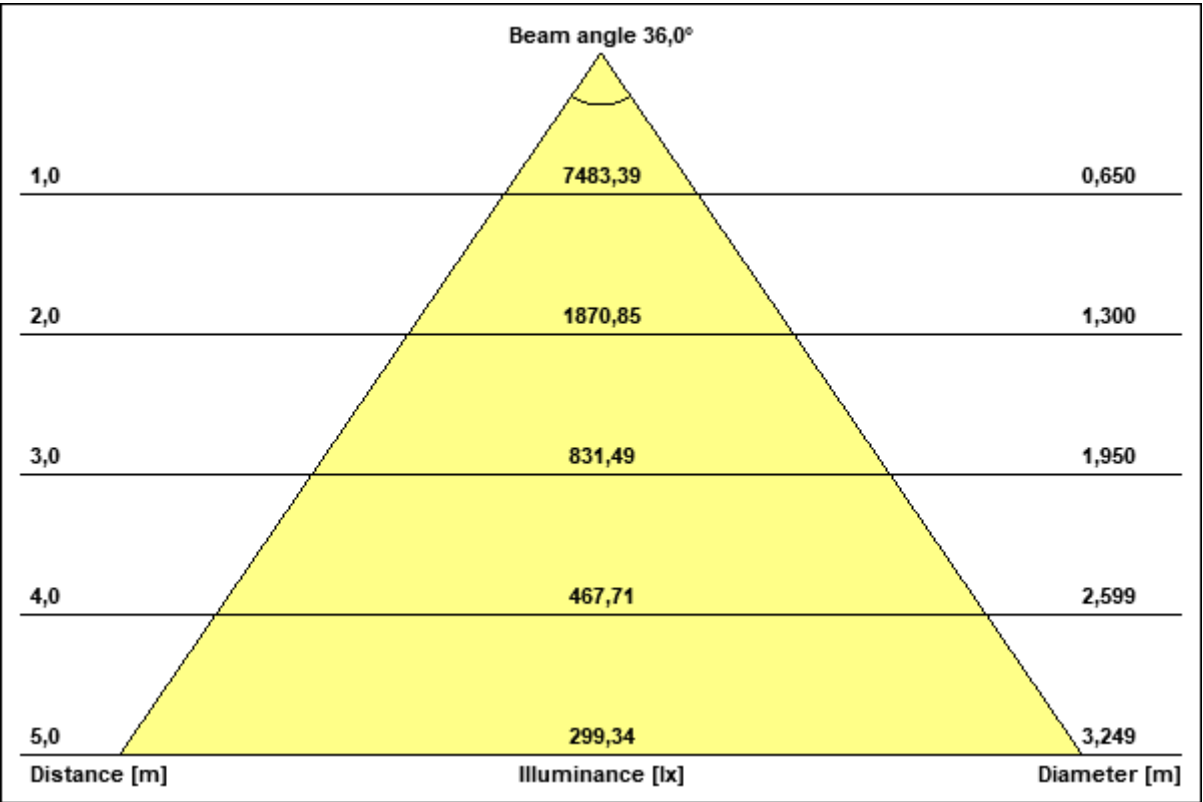
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Stabilization

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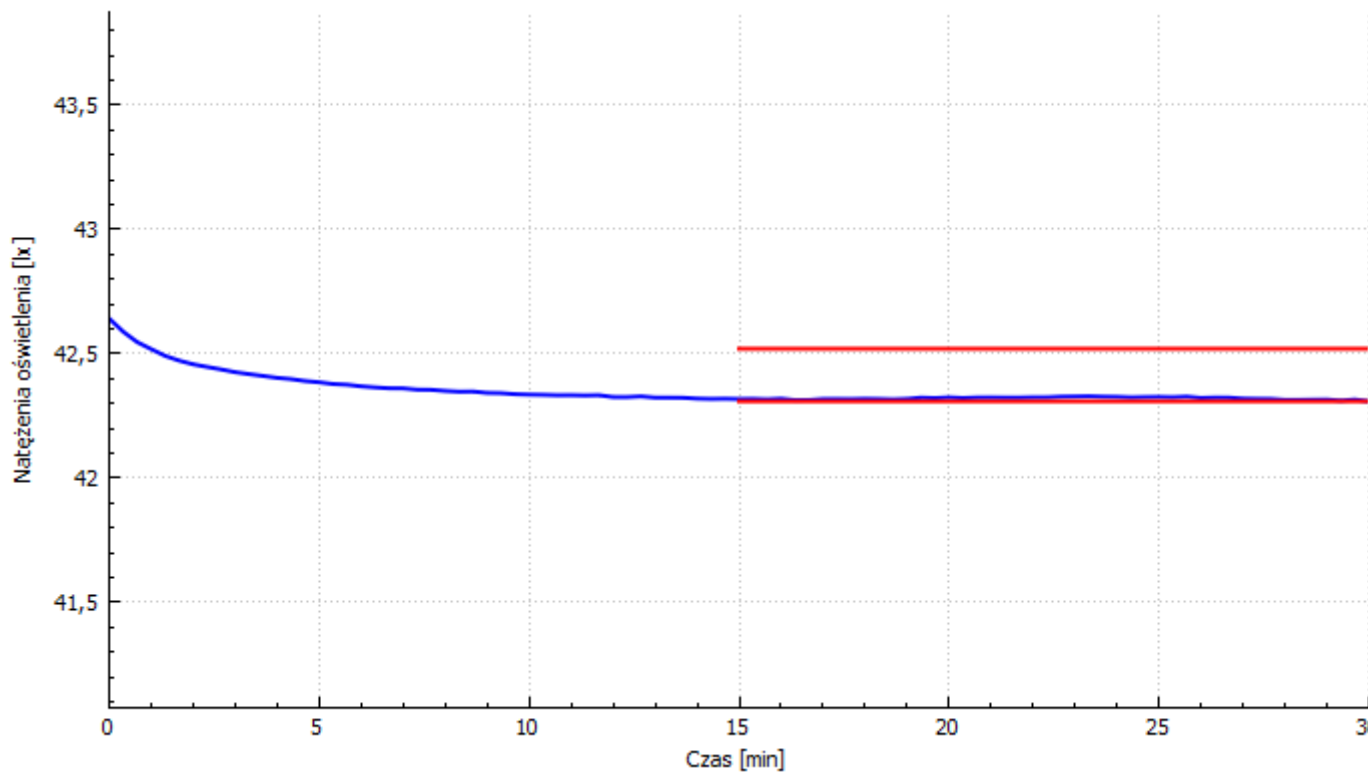
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### 3D Chart

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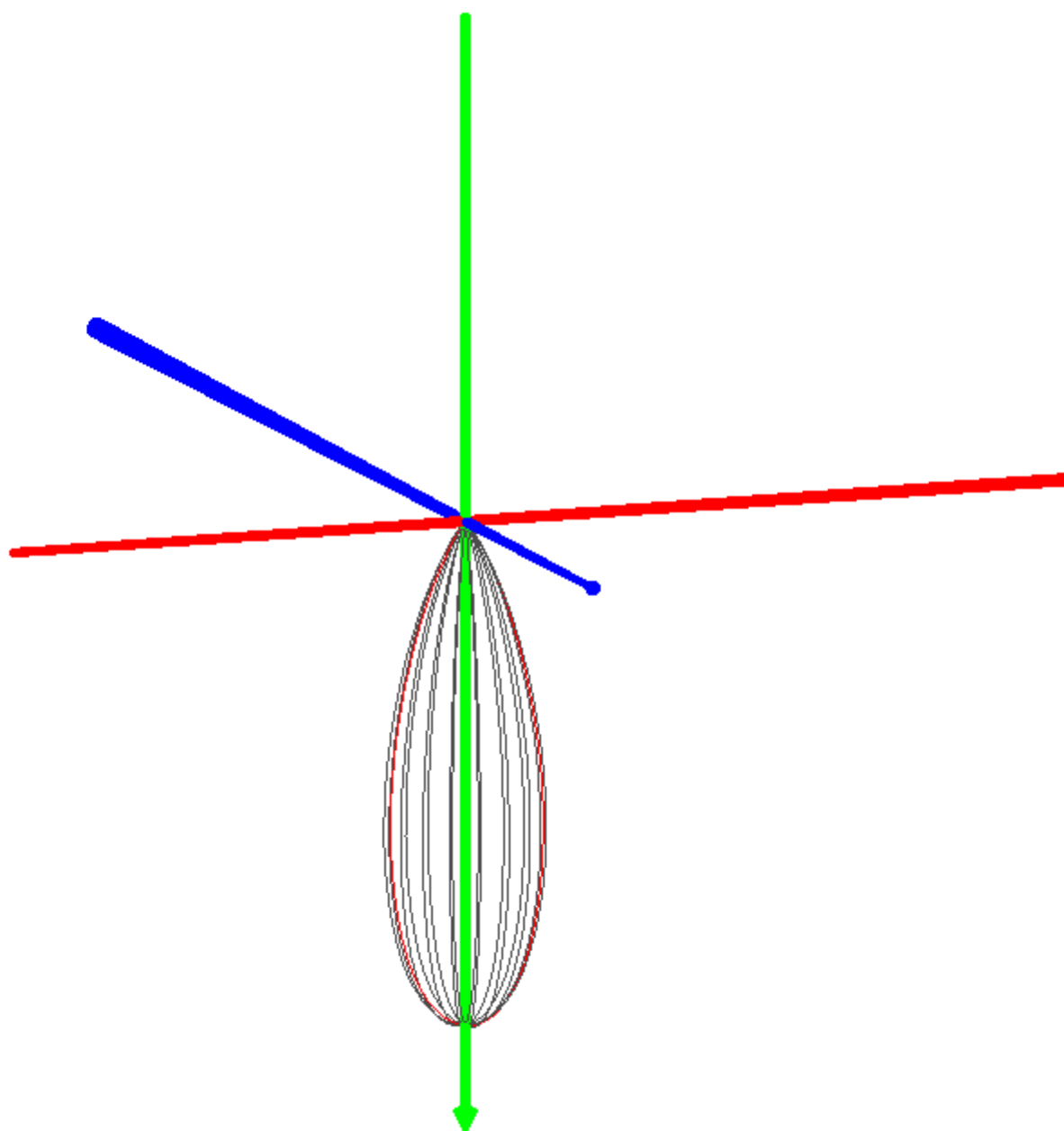
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## Legend

- 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	0,00149	0,347	-3,15e-05
1	100,000	100,000	100,000
2	0,00488	0,293	-1,46e-05
3	0,0161	7,295	0,00107
4	0,00157	0,195	1,17e-05
5	0,0104	4,366	0,000448
6	0,00129	0,170	9,56e-07
7	0,0094	4,267	0,000354
8	0,00151	0,186	8,01e-07
9	0,00708	3,283	0,000185
10	0	0,165	3,22e-06
11	0,0102	3,633	0,000179
12	0,00213	0,0881	-9,84e-07
13	0,00499	1,629	8,53e-06
14	0	0,136	0
15	0,0103	3,059	0,000196
16	0,00134	0,0814	0
17	0,00411	0,402	9,14e-06
18	0	0,0725	0
19	0,0075	1,865	9,47e-05
20	0	0,141	4,48e-09
21	0,00346	0,639	2,61e-05

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22	0	0,105	0
23	0,00561	1,044	1,54e-05
24	0	0,121	0
25	0,0047	0,929	2,5e-05
26	0,000857	0,132	5,2e-07
27	0,00895	1,828	7,49e-05
28	0	0,151	0
29	0,0033	0,585	2,01e-05
30	0,0021	0,241	-5,33e-07
31	0,00405	0,566	1,24e-05
32	0,00103	0,157	0
33	0,00292	0,122	1,59e-06
34	0,00152	0,138	1,81e-07
35	0,00452	0,586	1,25e-05
36	0,000999	0,0514	-1,53e-07
37	0,000994	0,480	6,31e-06
38	0	0,088	0
39	0,00101	0,245	-3,87e-06
40	0	0,0844	-6,73e-09
41	0,00196	0,532	-6,99e-06
42	0	0,0554	0
43	0,00401	0,479	-2,81e-06
44	0,00137	0,0534	0
45	0,00358	0,726	4,97e-06
46	0,00117	0,0899	0
47	0,00412	0,488	5,94e-06
48	0,00166	0,0855	7,81e-07
49	0,00522	0,784	7,1e-06
50	0,00188	0,161	9,5e-07

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