

# GL GONIOSPECTROMETER MEASUREMENT TAG LIST

## Report Wizard Sample Description Lines

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Client name: *Azzardo Lighting*

Model name: *Alfa DALI Kira Track Magnetic 24W CCT Switch*

Item No: *AZ6287*

Serial No.:

Made by: *A. Nawrot*

## Eulumdat Fields

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### Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ6287\_6000*

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

LuminaireNumber: *AZ6287*

FileName: *AZ6287\_6000.ldt*

Date: *2024-09-27*

### Dimensions of luminaire

Length: *435 mm*

Width: *24 mm*

Height: *60 mm*

### Dimensions of luminous area

Length: *415 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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PL-62-040 Puszczykowo; Poland

EUR: IBAN 06 1750 0012 0000 0000 2709 9467

KRS: 0000537079

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SWIFT BIC: RCBWPLPW

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Type of lamps: *LED*  
Total luminous flux: *1563,08 lm*  
Color temperatur: *6976 K*  
Color rendering index: *93,76*  
Wattage including ballast: *25,70 W*

### Utilization factors:

k = 0.60	<i>0,720</i>
k = 0.80	<i>0,764</i>
k = 1.00	<i>0,812</i>
k = 1.25	<i>0,847</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>0,979</i>

### Electrical parameters

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<i>U</i>	<i>= 229,641 V</i>
<i>I</i>	<i>= 0,172 A</i>
<i>P</i>	<i>= 25,701 W</i>
<i>Power factor</i>	<i>= 0,650</i>

<i>Power apparent</i>	<i>= 39,519 VA</i>
<i>Power Reactive</i>	<i>= -30,015 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 22,025 %</i>

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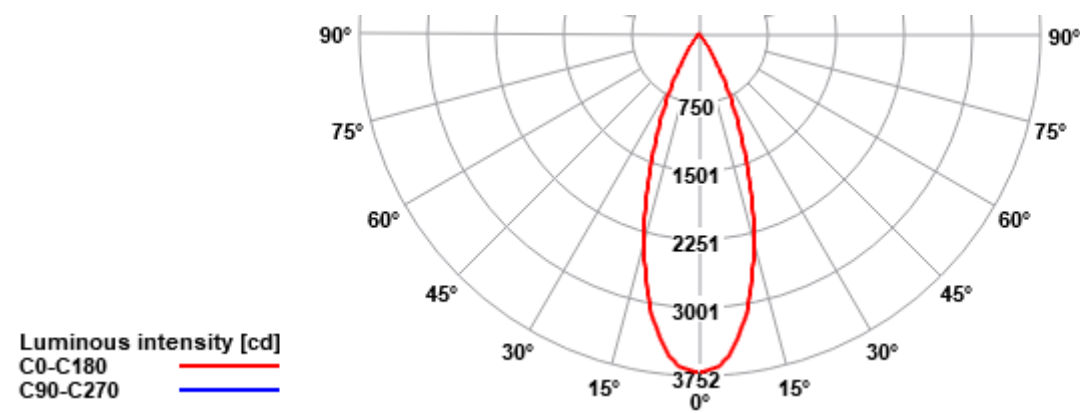
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	1563,08 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	3714,46 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	60,82 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,3072
y	0,3145
Angular Colour Uniformity	0,0068

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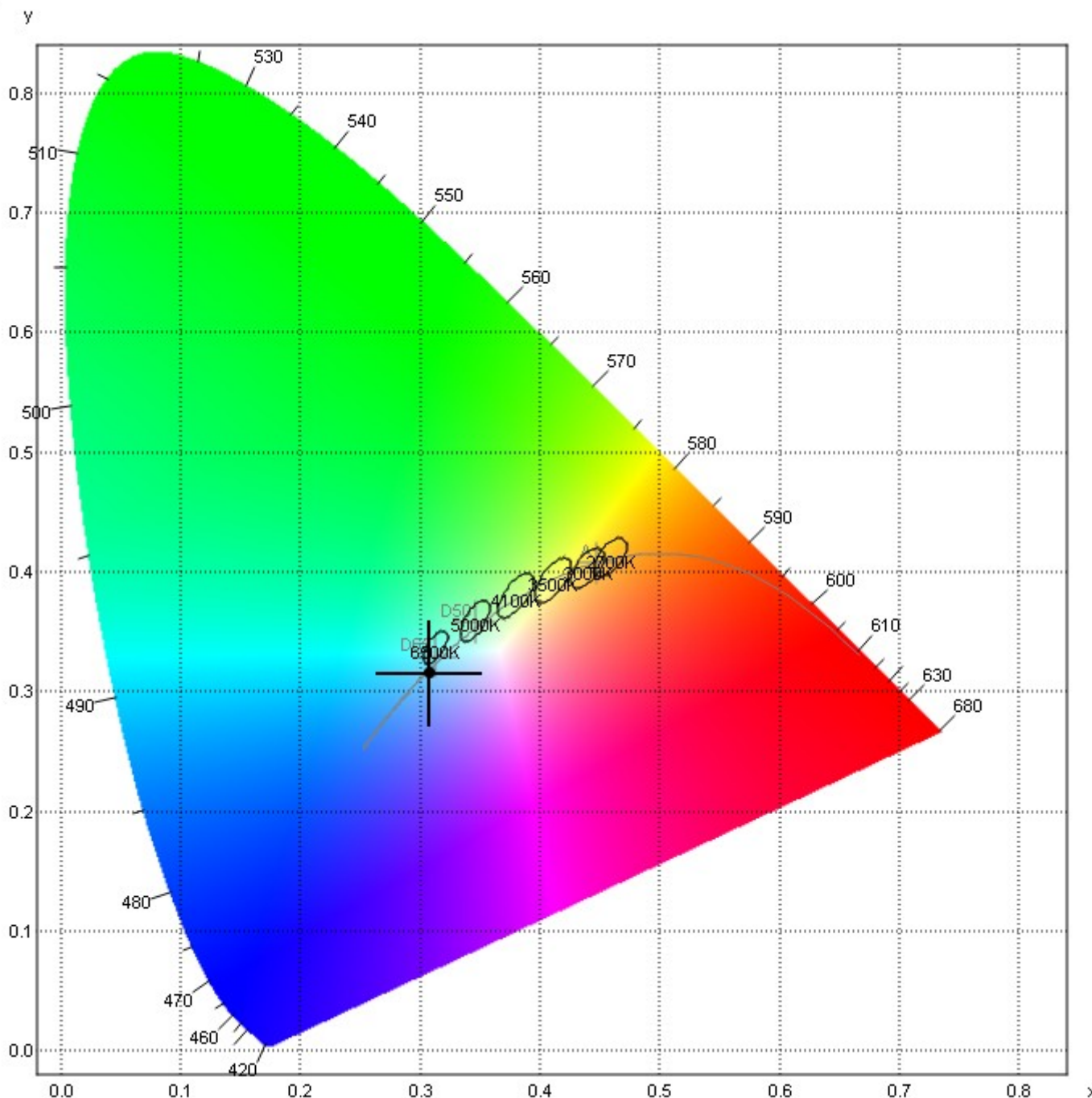
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## Beam cone

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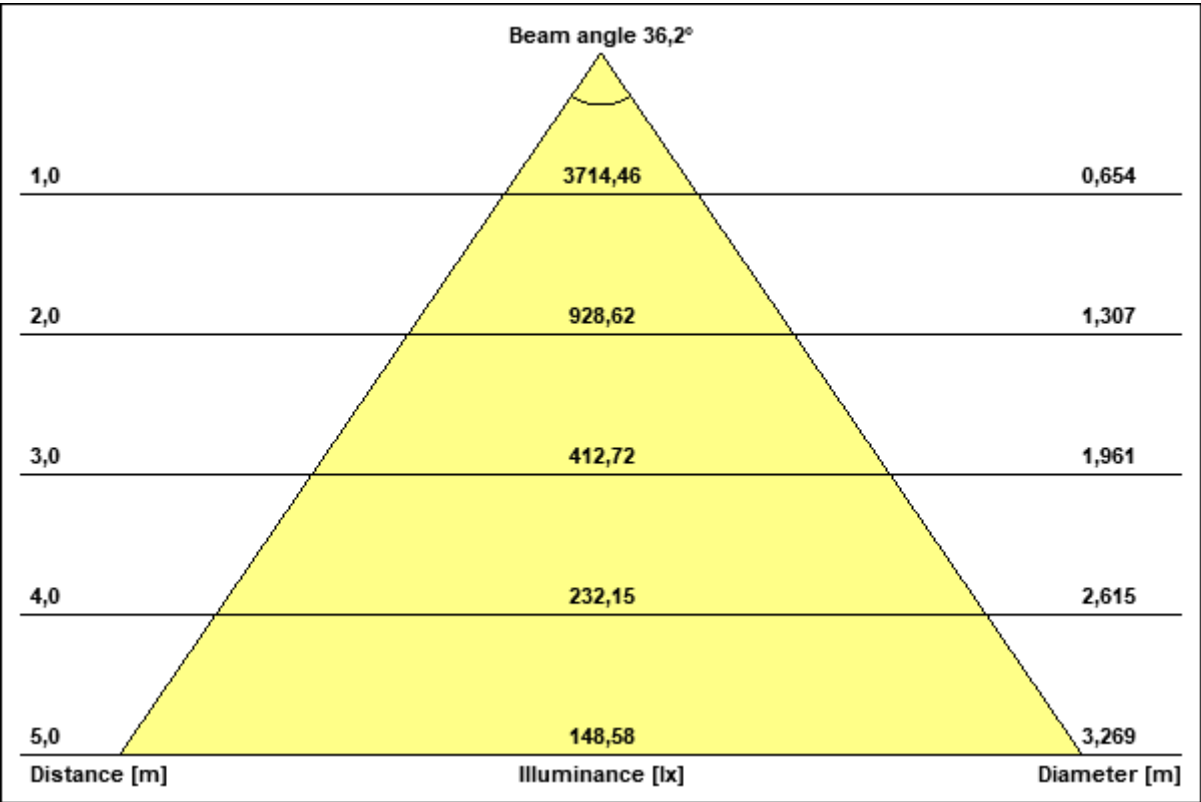
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Stabilization

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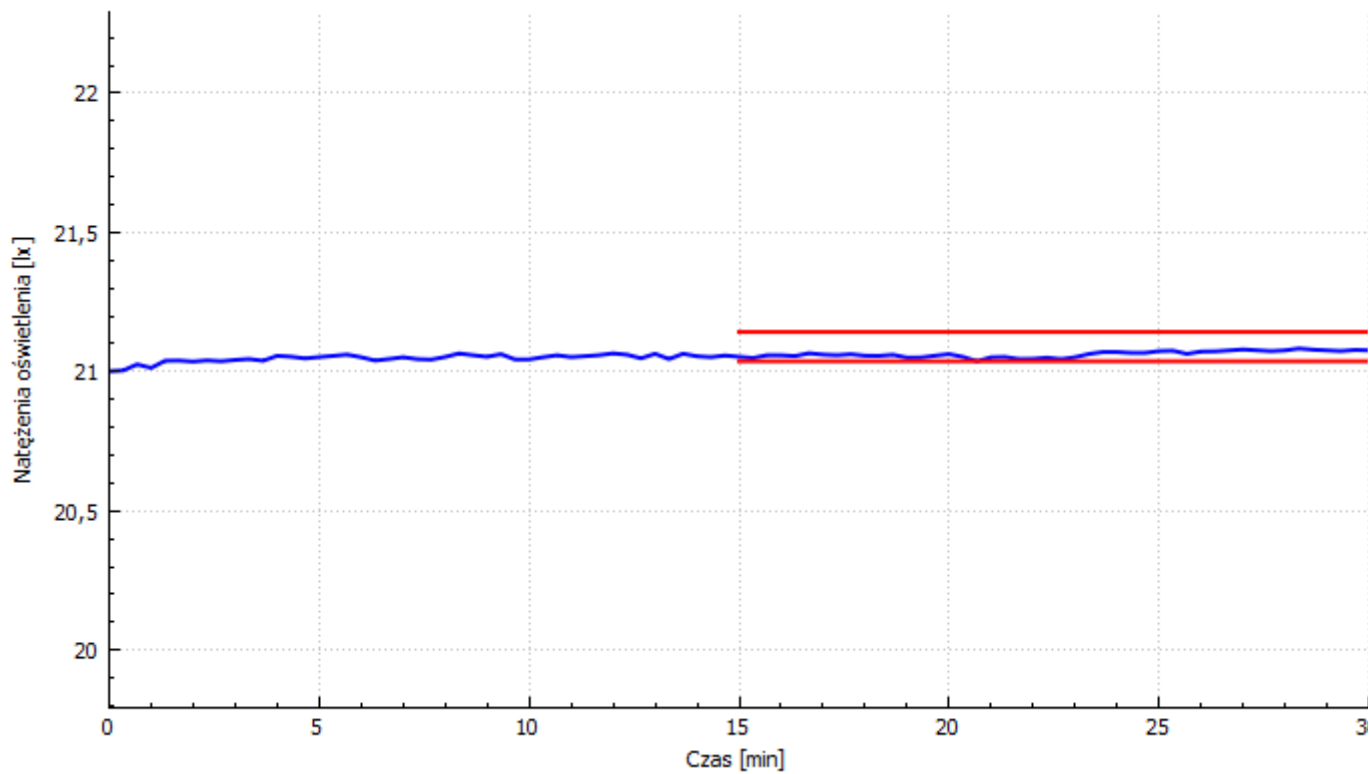
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### 3D Chart

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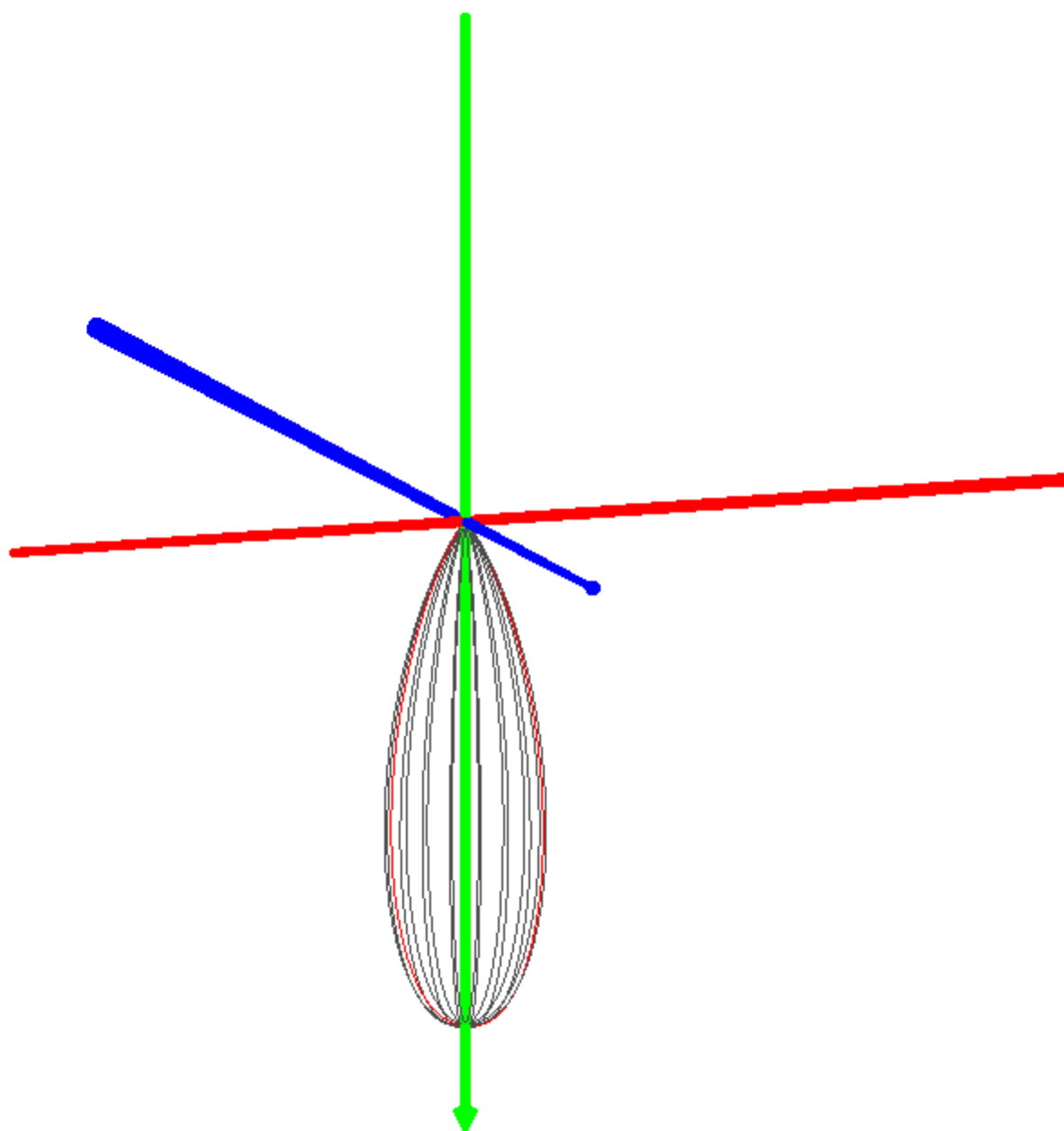
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## Legend

- 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	0,00808	0	0
1	100,000	100,000	100,000
2	0,00488	0,056	-1,63e-06
3	0,00706	8,444	0,000528
4	0,00208	0,0465	0
5	0,0217	14,507	0,00445
6	0,00128	0,0316	0
7	0,00981	5,806	0,000793
8	0	0,0266	0
9	0,0105	6,801	0,000794
10	0	0,0501	8,9e-08
11	0,00885	4,447	0,000149
12	0	0,0365	0
13	0,00742	3,864	0,000184
14	0	0,0291	0
15	0,00703	4,161	0,000279
16	0	0,0341	0
17	0,00441	2,418	0,000104
18	0	0	0
19	0,00985	4,048	0,000368
20	0	0	0
21	0,00299	0,831	2,13e-05

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22	0	0,0462	0
23	0,0117	3,636	0,000121
24	0	0,0353	0
25	0,00399	0,671	1,56e-05
26	0	0	0
27	0,00833	2,875	0,000209
28	0,000865	0,0445	5,61e-07
29	0,00378	1,039	1,17e-05
30	0	0,0463	0
31	0,00818	2,291	0,000106
32	0	0,0286	0
33	0,00425	1,418	4,98e-05
34	0	0,0409	0
35	0,00602	1,711	3,14e-05
36	0,000886	0,032	2,54e-07
37	0,00852	1,695	5,72e-05
38	0,000884	0,0392	0
39	0,00584	1,208	5,03e-05
40	0	0,0634	0
41	0,00651	1,728	5,85e-06
42	0,00116	0,073	-4,03e-07
43	0,00499	1,014	4,48e-06
44	0	0	0
45	0,0096	1,749	0,000101
46	0	0,102	-2,7e-07
47	0,00481	1,121	2,75e-05
48	0,00123	0,0764	1,24e-07
49	0,0106	1,659	7,18e-05
50	0,00106	0,0577	5,47e-07

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