

# GL GONIOSPECTROMETER MEASUREMENT TAG LIST

## Report Wizard Sample Description Lines

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Client name: *Azzardo Lighting*  
Model name: *Alfa 2Line Saga 24W CCT Switch DIMM*  
Item No: *AZ6237*  
Serial No.:  
Made by: *A. Nawrot*

## Eulumdat Fields

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### Dimensions of luminaire

Company: *Azzardo*  
Report number: *AZ6237\_6000*  
LuminaireName: *Alfa 2Line saga 24W CCT Switch DIMM*  
LuminaireNumber: *AZ6237*  
FileName: *AZ6237\_6000.ldt*  
Date: *2024-10-04*

### Dimensions of luminaire

Length: *435 mm*  
Width: *22 mm*  
Height: *52 mm*

### Dimensions of luminous area

Length: *433 mm*  
Width: *20 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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Type of lamps: *LED*  
Total luminous flux: *1062,54 lm*  
Color temperatur: *7148 K*  
Color rendering index: *93,10*  
Wattage including ballast: *25,30 W*

### Utilization factors:

k = 0.60	<i>0,315</i>
k = 0.80	<i>0,401</i>
k = 1.00	<i>0,476</i>
k = 1.25	<i>0,549</i>
k = 1.50	<i>0,606</i>
k = 2.00	<i>0,693</i>
k = 2.50	<i>0,740</i>
k = 3.00	<i>0,777</i>
k = 4.00	<i>0,826</i>
k = 5.00	<i>0,858</i>

### Electrical parameters

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<i>U</i>	<i>= 229,610 V</i>
<i>I</i>	<i>= 0,124 A</i>
<i>P</i>	<i>= 25,303 W</i>
<i>Power factor</i>	<i>= 0,886</i>

<i>Power apparent</i>	<i>= 28,564 VA</i>
<i>Power Reactive</i>	<i>= -13,237 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 24,699 %</i>

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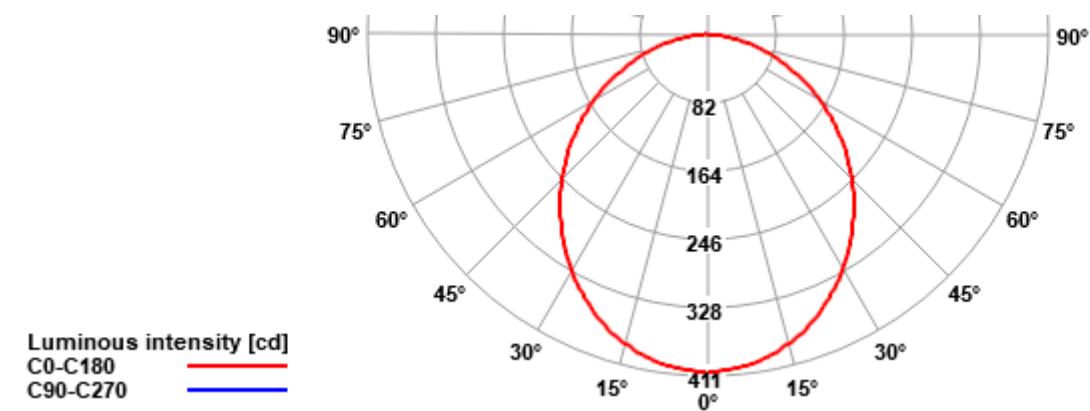
Temperature = 25 C

## Goniometric measurement results

Total flux (utilized luminarie flux)	1062,54 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	406,53 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	42,00 lm/W

## Light intensity distribution diagram

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## CIE 1931 diagram

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x	0,3046
y	0,3146
Angular Colour Uniformity	0,0034

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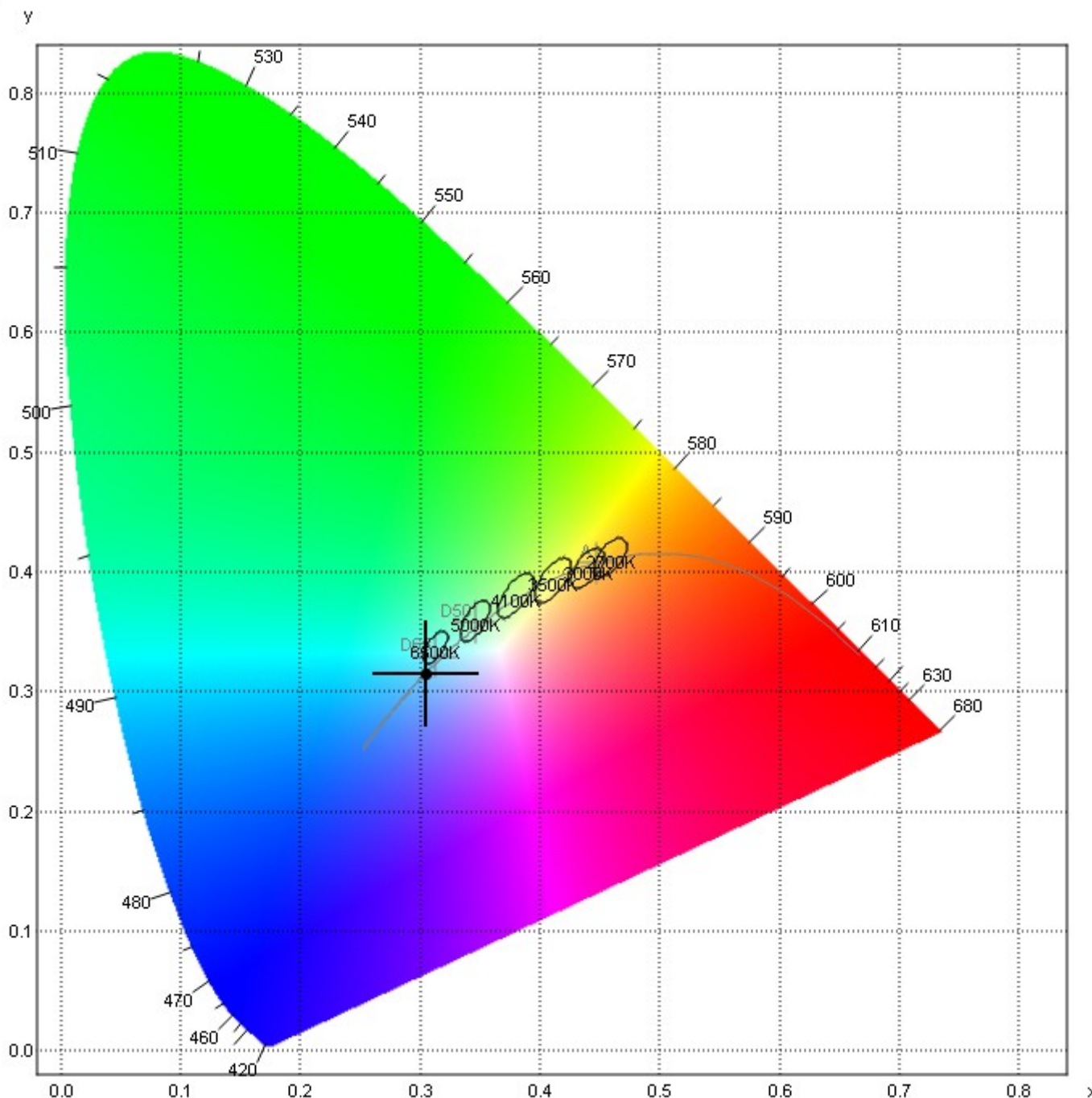
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## Beam cone

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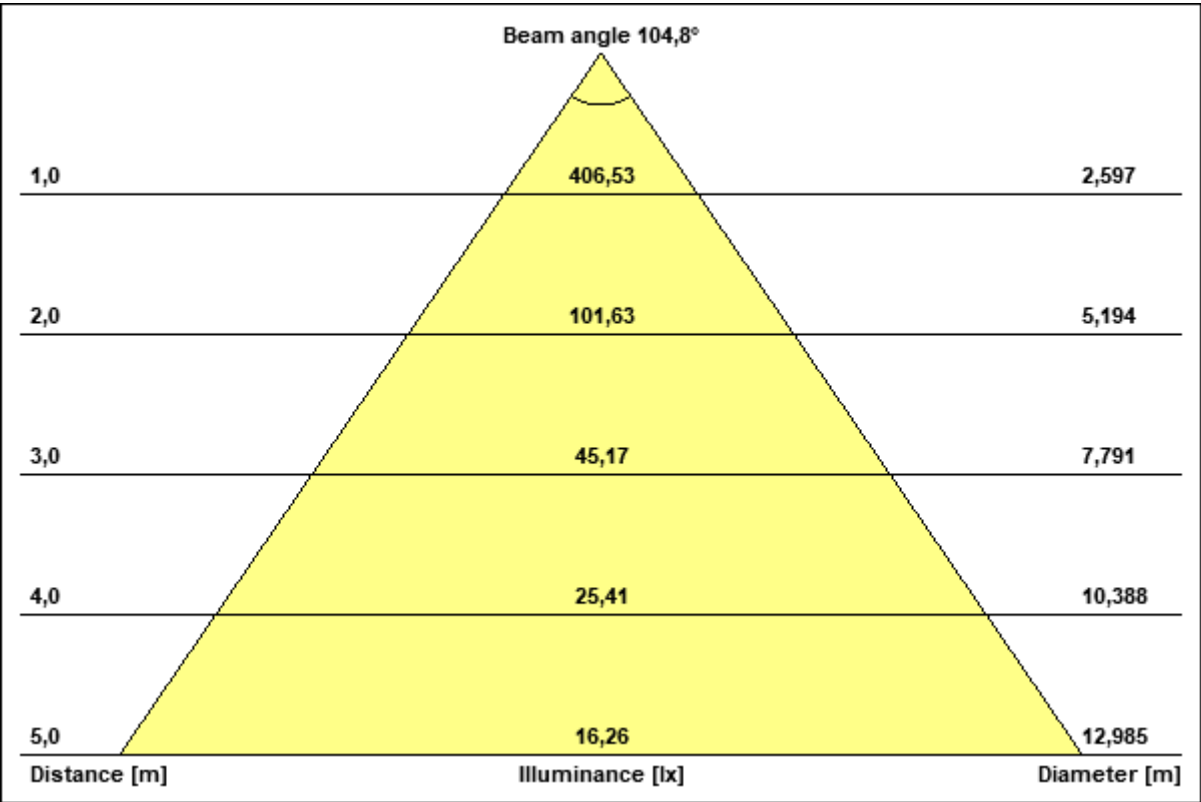
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Stabilization

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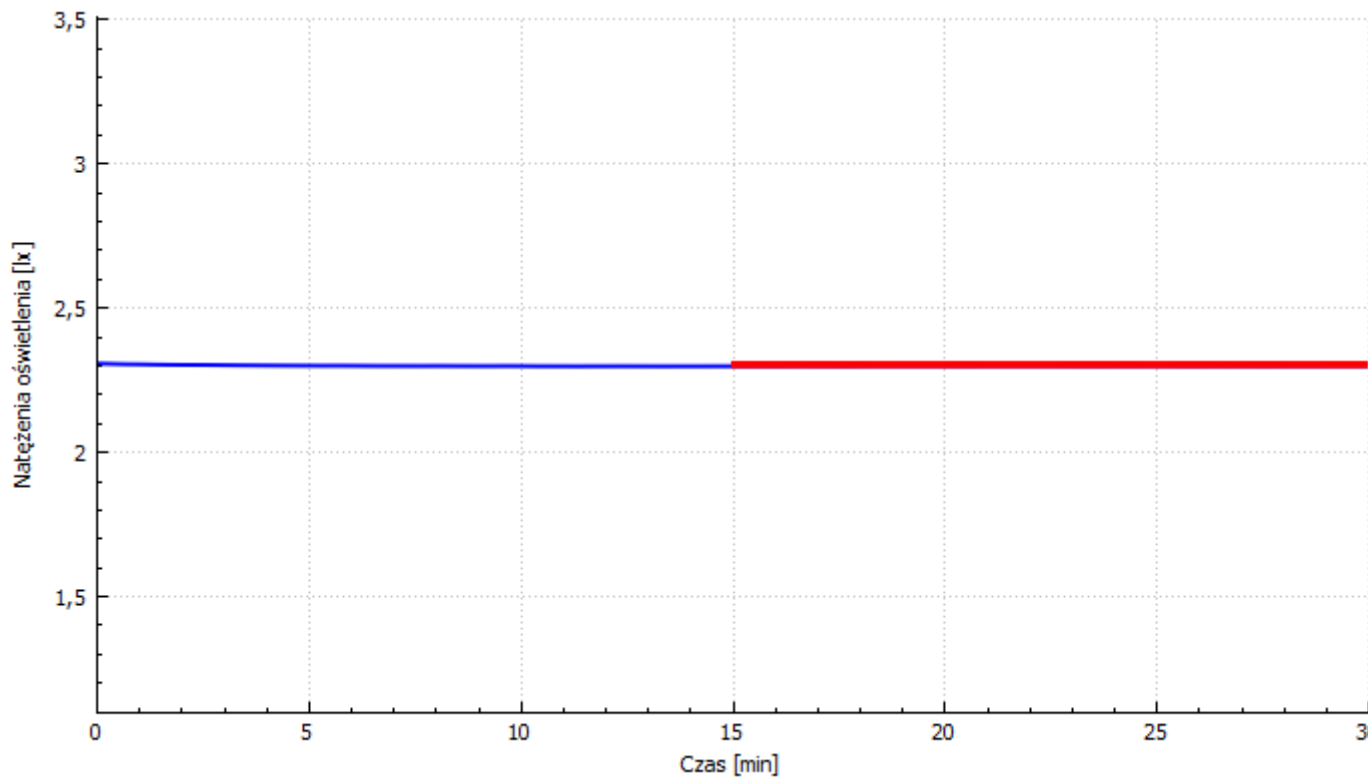
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### 3D Chart

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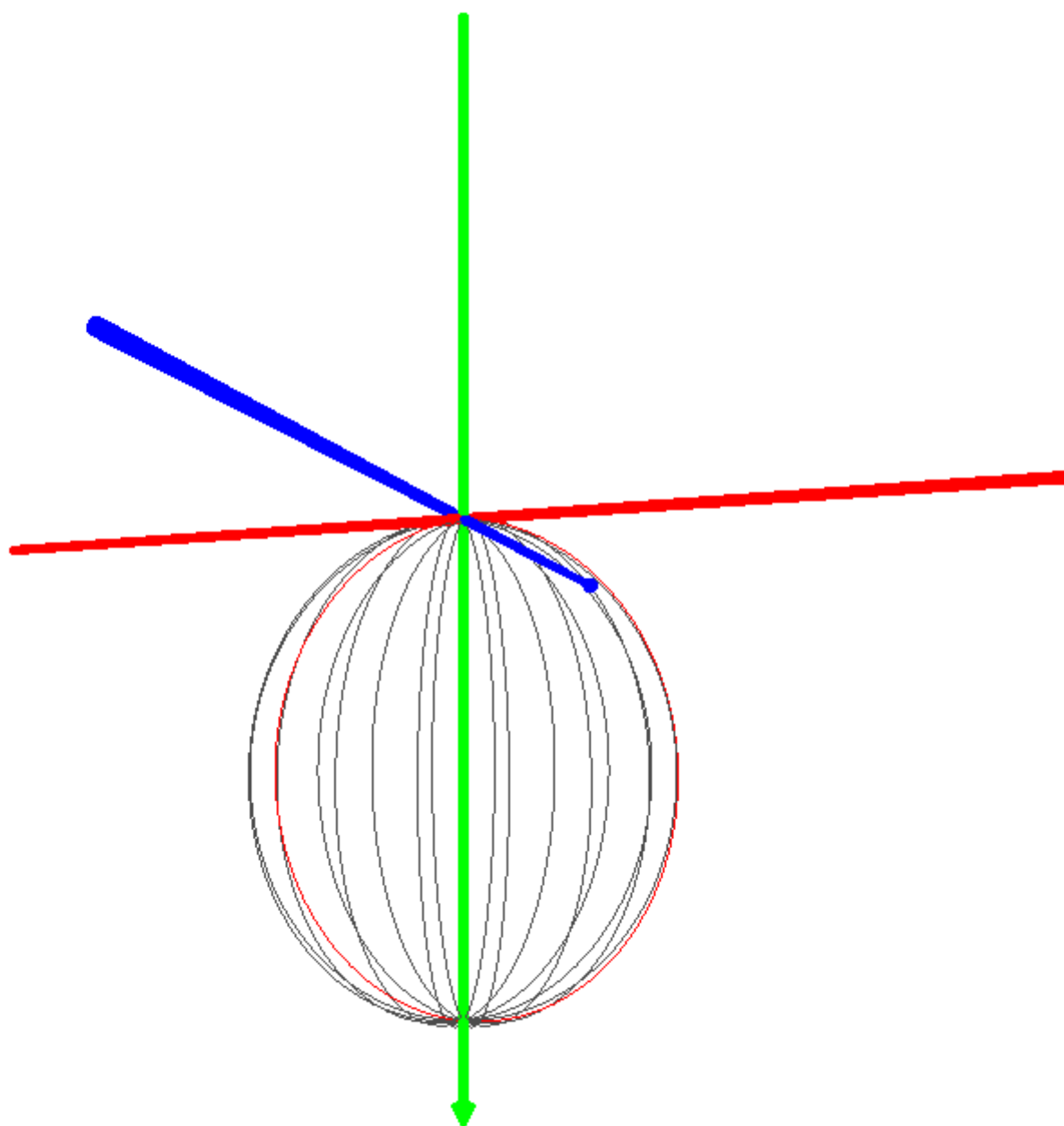
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## Legend

- C0-C180

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- C90-C270  
- G0-G180

U(%f)

I(%f)

Extended  
electrical  
report

U(%f)			I(%f)	P(%f)
Ext end ed elec tric al rep ort				
0	0,00447	0,0677	1,86e-05	
1	100,000	100,000	100,000	
2	0,00334	0,319	6,05e-06	
3	0,00663	16,648	0,000565	
4	0,0014	0,187	3,97e-06	
5	0,0042	11,503	0,000446	
6	0	0,147	2,42e-06	
7	0,00374	7,270	0,000178	
8	0	0,159	0	
9	0,00518	4,171	6,72e-05	
10	0	0,153	0	
11	0,00752	3,788	0,000126	
12	0	0,131	0	
13	0,00367	2,325	1,99e-05	
14	0	0,198	-1,69e-06	
15	0,005	3,662	3,12e-05	
16	0,00123	0,166	-1,61e-06	
17	0,00179	1,866	2,19e-05	
18	0	0,148	8,46e-07	
19	0,00172	1,664	2,77e-05	
20	0	0,167	0	
21	0,00299	1,901	-3,75e-05	

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22	0	0,182	0
23	0,00114	1,132	1,33e-05
24	0,00109	0,222	-1,7e-06
25	0,00499	2,636	3,69e-05
26	0,00127	0,167	-2,74e-06
27	0,00501	1,947	3,72e-06
28	0,00101	0,149	-1,03e-06
29	0,00547	2,357	-3,17e-05
30	0,00103	0,200	-4,17e-07
31	0,0106	2,655	1,98e-05
32	0	0,205	2,08e-07
33	0,0102	2,409	1,64e-05
34	0,001	0,212	-5,86e-07
35	0,00855	2,432	5,92e-05
36	0,00161	0,216	-3e-06
37	0,00774	1,784	3,56e-05
38	0,00149	0,137	-3,21e-06
39	0,0112	2,571	4,53e-05
40	0,00172	0,144	-2,84e-07
41	0,00971	1,892	9,43e-05
42	0,00114	0,228	1,86e-06
43	0,00919	1,838	9,05e-05
44	0,000942	0,115	1,1e-06
45	0,00494	1,678	3,65e-05
46	0,00128	0,131	-1,58e-06
47	0,00373	1,263	1,73e-05
48	0,0019	0,174	-2,19e-06
49	0,00438	1,361	1,48e-05
50	0,002	0,0788	-7,5e-07

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