

# GL GONIOSPECTROMETER MEASUREMENT TAG LIST

## Report Wizard Sample Description Lines

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Client name: *Azzardo Lighting*  
Model name: *Alfa Saga Track 60 Smart CCT*  
Item No: *AZ4848*  
Serial No.:  
Made by: *A. Nawrot*

## Eulumdat Fields

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### Dimensions of luminaire

Company: *Azzardo*  
Report number: *AZ4848-3000K*  
LuminaireName: *Alfa Saga Track Smart CCT*  
LuminaireNumber: *AZ4848-3000K*  
FileName: *AZ48483000K.Idt*  
Date: *2024-06-17*

### Dimensions of luminaire

Length: *600 mm*  
Width: *20 mm*  
Height: *58 mm*

### Dimensions of luminous area

Length: *598 mm*  
Width: *18 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: *815,43 lm*  
Color temperatur: *2670 K*  
Color rendering index: *81,59*  
Wattage including ballast: *20,94 W*

### Utilization factors:

k = 0.60	<i>0,300</i>
k = 0.80	<i>0,385</i>
k = 1.00	<i>0,461</i>
k = 1.25	<i>0,535</i>
k = 1.50	<i>0,592</i>
k = 2.00	<i>0,680</i>
k = 2.50	<i>0,729</i>
k = 3.00	<i>0,767</i>
k = 4.00	<i>0,819</i>
k = 5.00	<i>0,851</i>

### Electrical parameters

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<i>U</i>	<i>= 229,658 V</i>
<i>I</i>	<i>= 0,285 A</i>
<i>P</i>	<i>= 20,943 W</i>
<i>Power factor</i>	<i>= 0,321</i>

<i>Power apparent</i>	<i>= 65,335 VA</i>
<i>Power Reactive</i>	<i>= -61,890 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 289,888 %</i>

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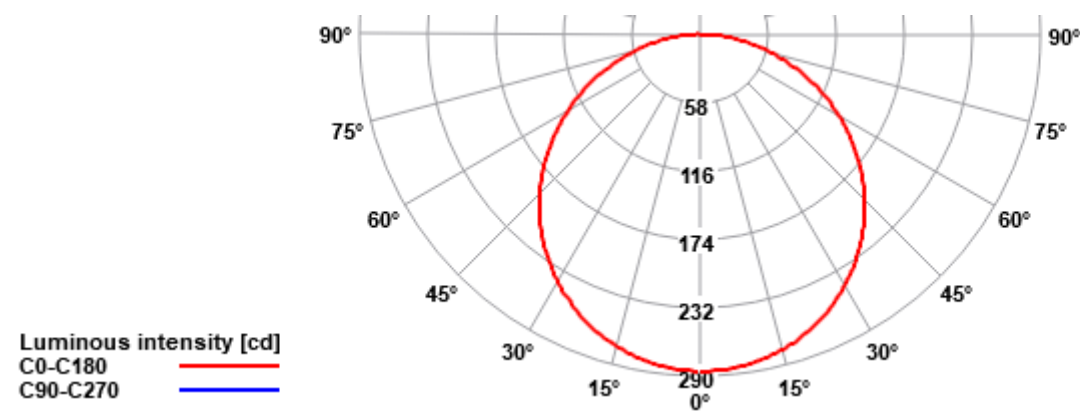
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	815,43 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	287,15 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	38,94 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4671
y	0,4197
Angular Colour Uniformity	0,0018

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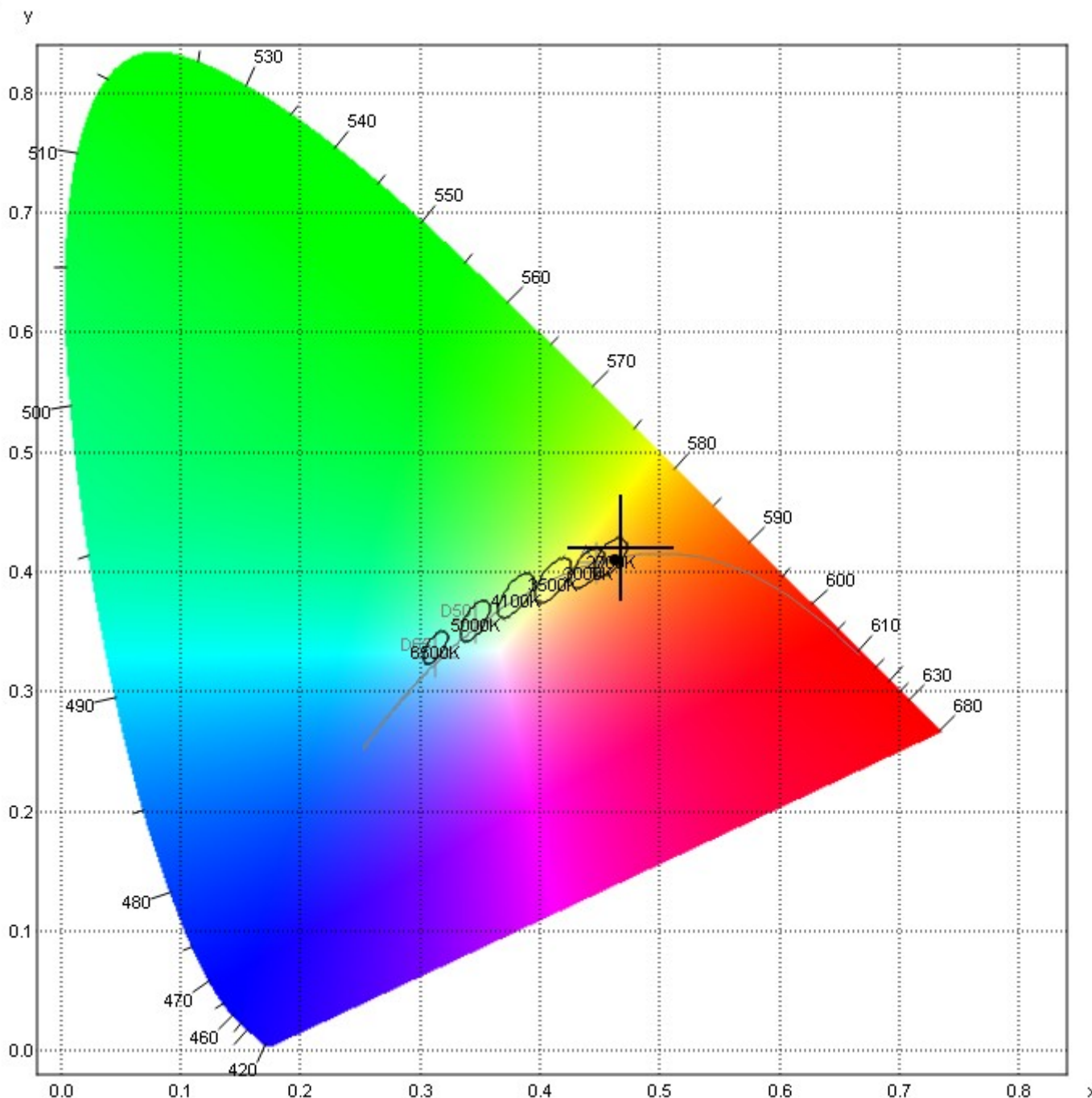
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## Beam cone

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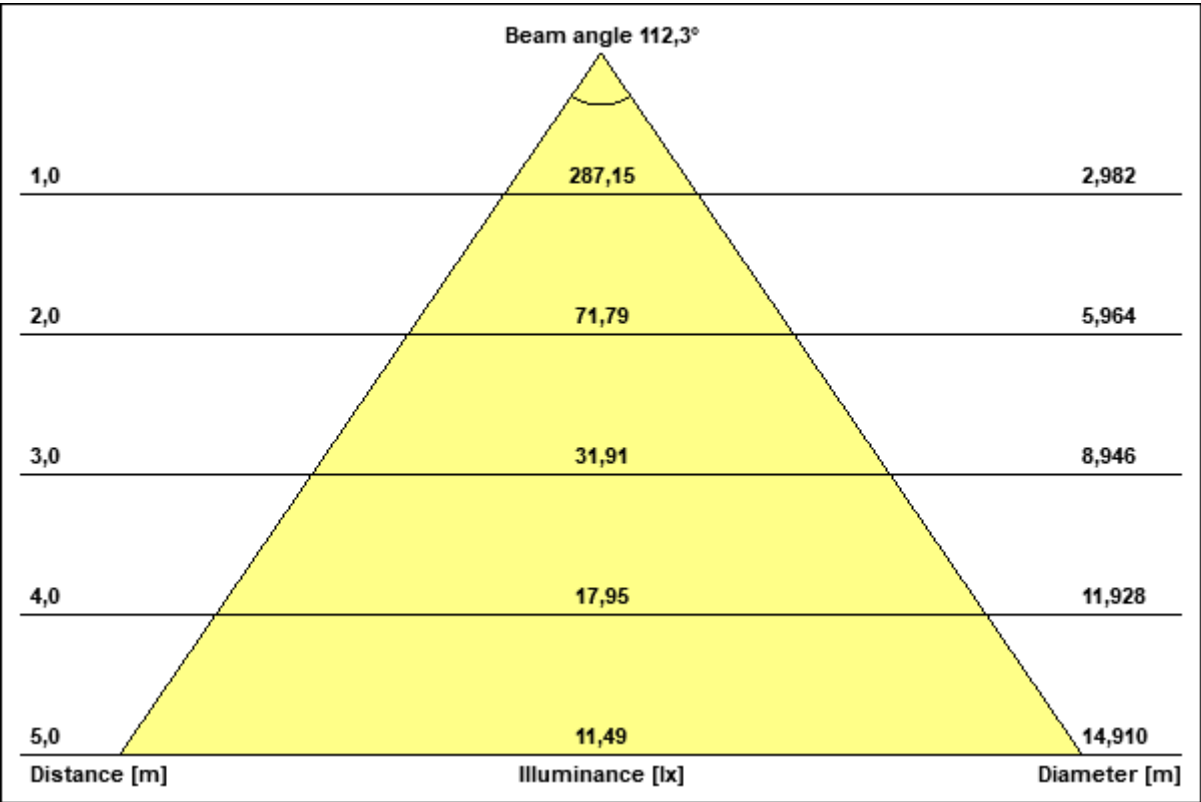
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Stabilization

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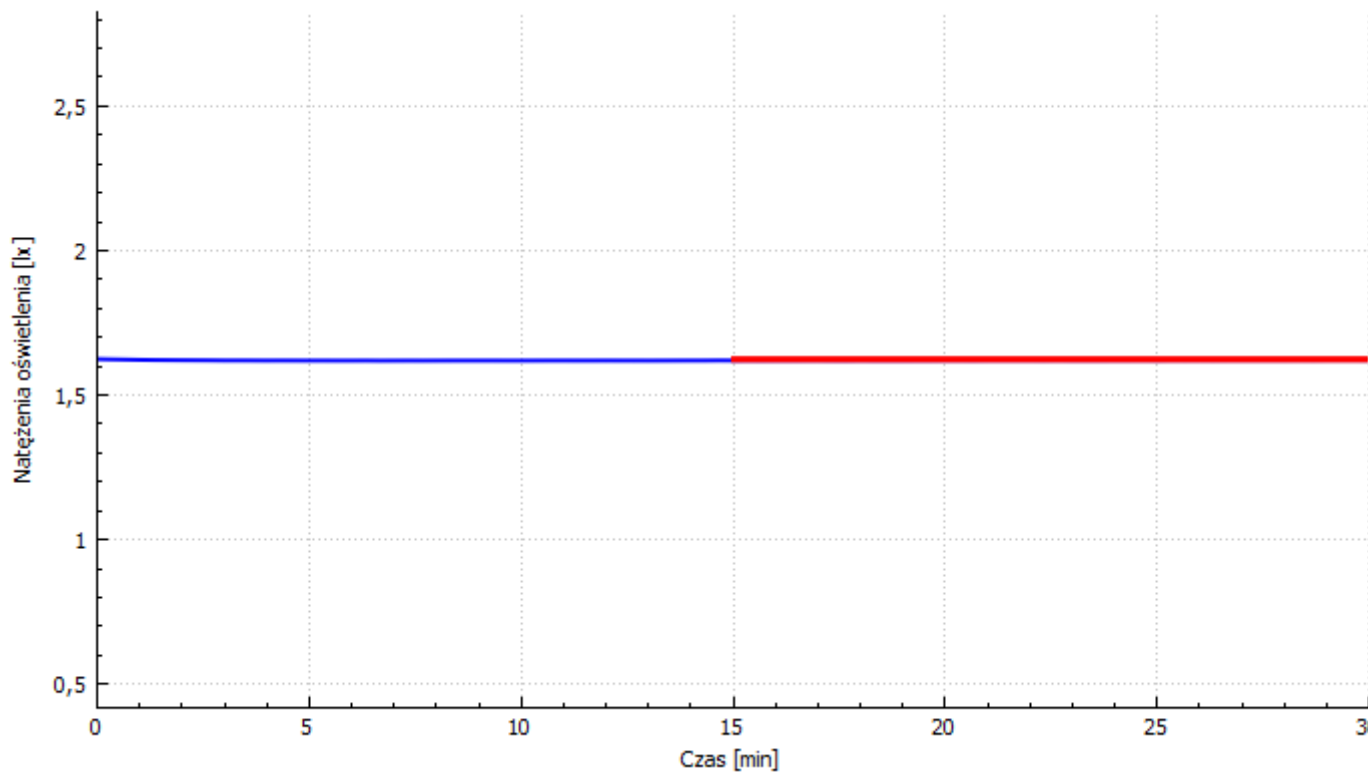
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### 3D Chart

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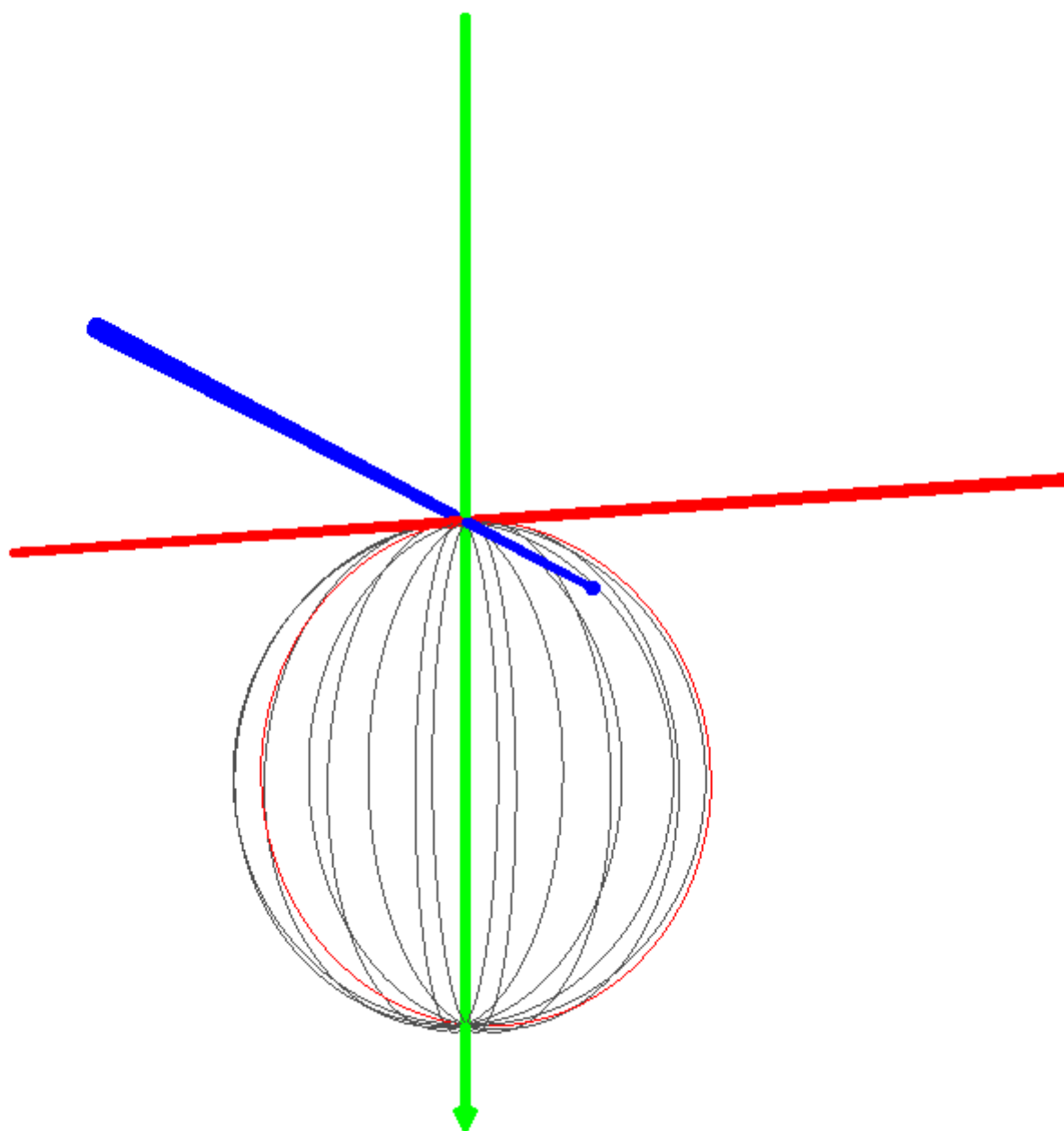
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## Legend

- 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	0,0347	0,359	-6,42e-05
1	100,000	100,000	100,000
2	0,00671	1,102	1,21e-05
3	0,0854	97,066	0,0881
4	0,00258	1,318	-5,6e-06
5	0,092	95,630	0,0848
6	0,00141	1,581	3,52e-05
7	0,084	93,435	0,0739
8	0,00326	1,868	4,08e-05
9	0,0911	90,571	0,0714
10	0,0017	2,147	5,58e-05
11	0,0957	87,092	0,0689
12	0,00416	2,396	9,96e-05
13	0,0937	83,037	0,0589
14	0,00365	2,620	0,000112
15	0,0954	78,526	0,0534
16	0,00481	2,802	0,000127
17	0,0981	73,591	0,047
18	0,00362	2,925	0,00012
19	0,0949	68,347	0,04
20	0,0047	3,003	0,000125
21	0,0955	62,856	0,0337

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22	0,00402	3,042	0,000137
23	0,0935	57,254	0,0278
24	0,00578	3,017	0,000169
25	0,087	51,576	0,0223
26	0,00509	2,959	0,000146
27	0,081	45,945	0,0174
28	0,00561	2,856	0,000124
29	0,0767	40,446	0,0137
30	0,00471	2,715	9,66e-05
31	0,0696	35,156	0,0104
32	0,00481	2,562	9,18e-05
33	0,0643	30,153	0,00746
34	0,0041	2,379	7,38e-05
35	0,0567	25,492	0,0051
36	0,00462	2,185	7,5e-05
37	0,0495	21,257	0,00346
38	0,00409	1,986	5,38e-05
39	0,0424	17,489	0,00232
40	0,00412	1,797	3,61e-05
41	0,037	14,290	0,00144
42	0,00291	1,626	3,2e-05
43	0,03	11,651	0,00109
44	0,00359	1,466	3,59e-05
45	0,0259	9,663	0,000739
46	0,00359	1,348	2,9e-05
47	0,0252	8,343	0,000475
48	0,00404	1,270	2,52e-05
49	0,022	7,552	0,000391
50	0,004	1,210	1,67e-05

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