

# GL GONIOSPECTROMETER MEASUREMENT TAG LIST

## Report Wizard Sample Description Lines

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Client name: *Azzardo Lighting*  
Model name: *Alfa 2Line Saga 12W CCT Switch DIMM*  
Item No: *AZ6236*  
Serial No.:  
Made by: *A. Nawrot*

## Eulumdat Fields

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### Dimensions of luminaire

Company: *Azzardo*  
Report number: *AZ6236\_6000*  
LuminaireName: *Alfa 2Line saga 12W CCT Switch DIMM*  
LuminaireNumber: *AZ6236*  
FileName: *AZ6236\_6000.ldt*  
Date: *2024-10-03*

### Dimensions of luminaire

Length: *220 mm*  
Width: *22 mm*  
Height: *52 mm*

### Dimensions of luminous area

Length: *218 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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SWIFT BIC: RCBWPLPW

NIP: 783-171-97-20

REGON 360317241

KRS: 0000537079

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Type of lamps: *LED*  
Total luminous flux: *553,42 lm*  
Color temperatur: *7231 K*  
Color rendering index: *93,87*  
Wattage including ballast: *14,93 W*

### Utilization factors:

k = 0.60	<i>0,316</i>
k = 0.80	<i>0,401</i>
k = 1.00	<i>0,477</i>
k = 1.25	<i>0,550</i>
k = 1.50	<i>0,606</i>
k = 2.00	<i>0,693</i>
k = 2.50	<i>0,741</i>
k = 3.00	<i>0,777</i>
k = 4.00	<i>0,827</i>
k = 5.00	<i>0,858</i>

### Electrical parameters

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<i>U</i>	<i>= 229,681 V</i>
<i>I</i>	<i>= 0,082 A</i>
<i>P</i>	<i>= 14,931 W</i>
<i>Power factor</i>	<i>= 0,794</i>

<i>Power apparent</i>	<i>= 18,805 VA</i>
<i>Power Reactive</i>	<i>= -11,435 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 41,643 %</i>

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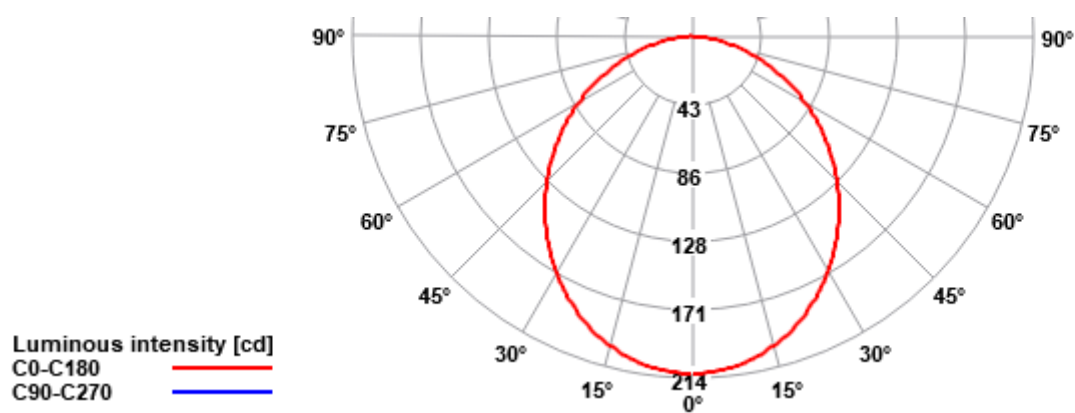
Temperature = 25 C

## Goniometric measurement results

Total flux (utilized luminarie flux)	553,42 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	211,88 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	37,07 lm/W

## Light intensity distribution diagram

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## CIE 1931 diagram

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x	0,3040
y	0,3116
Angular Colour Uniformity	0,0031

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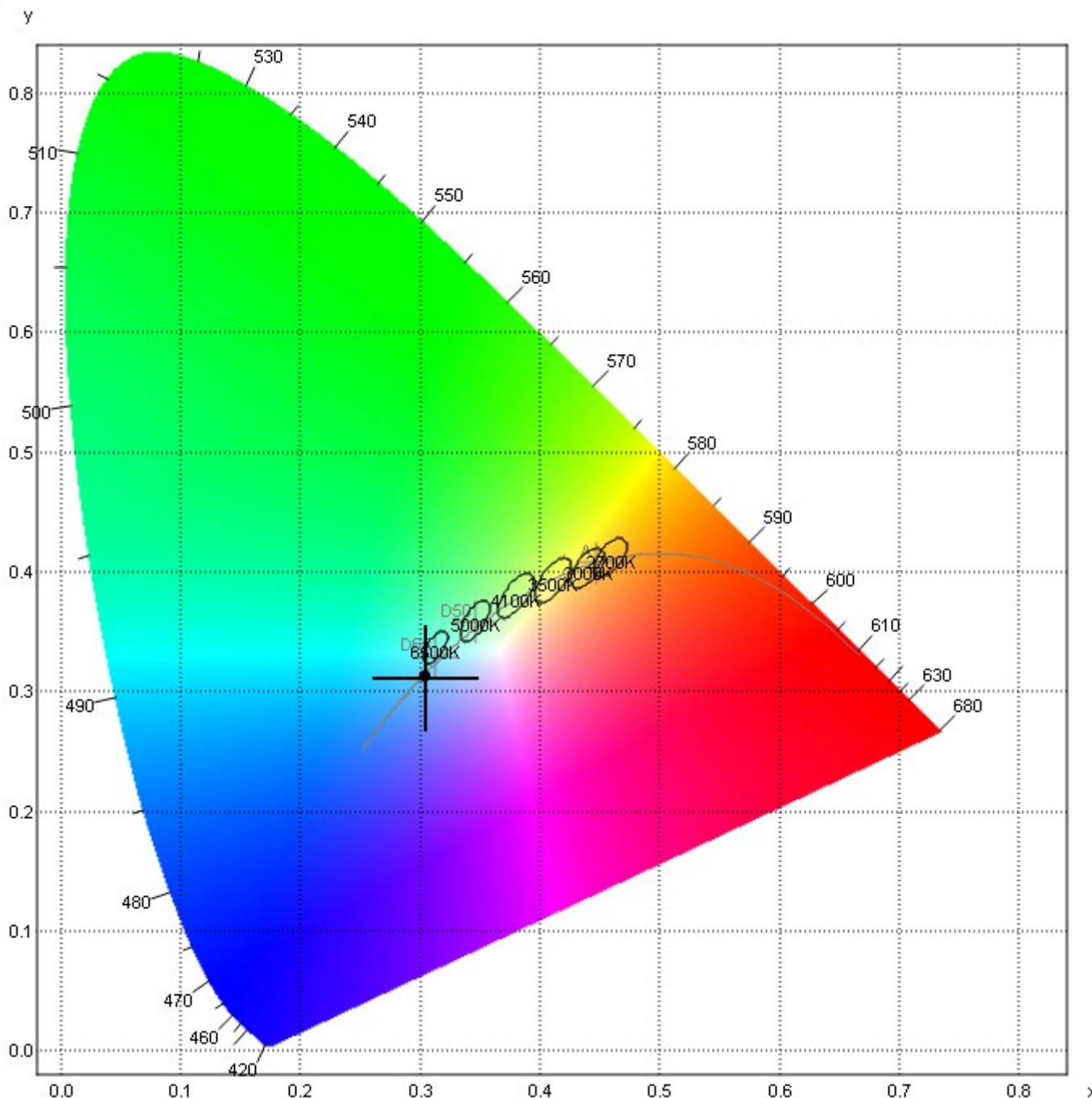
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## Beam cone

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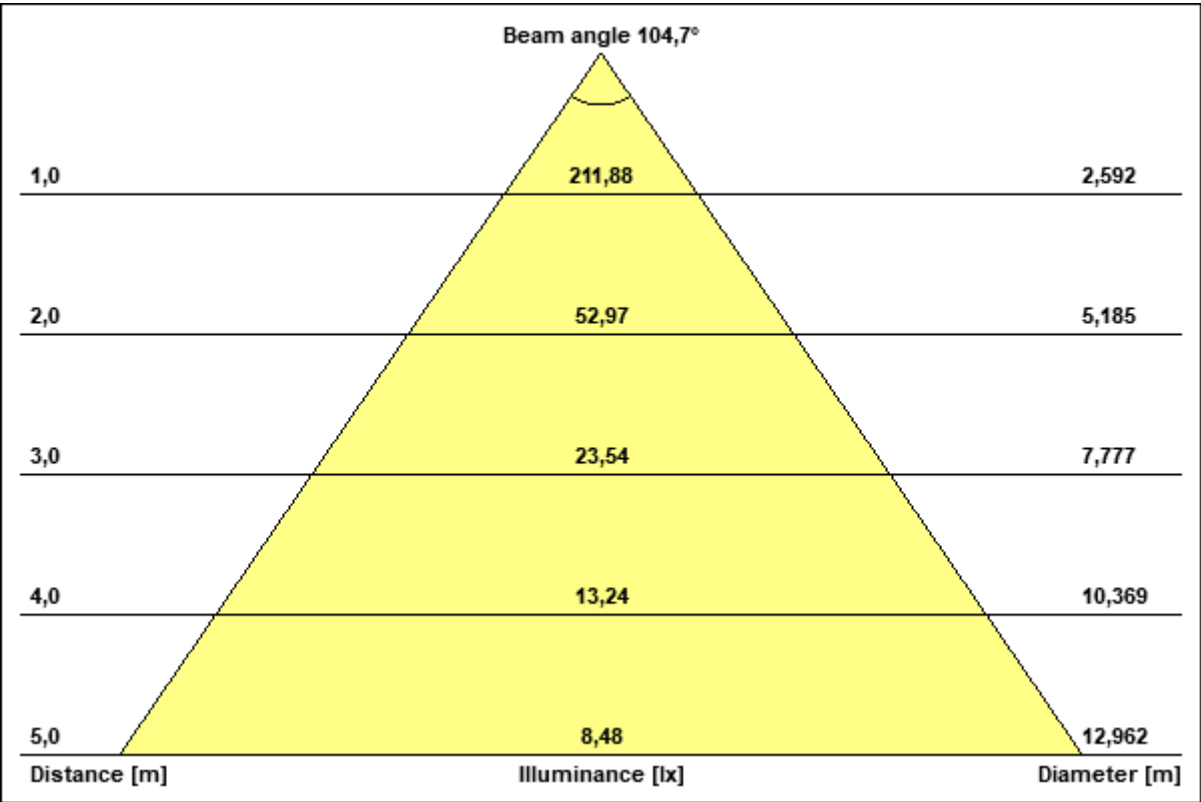
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Stabilization

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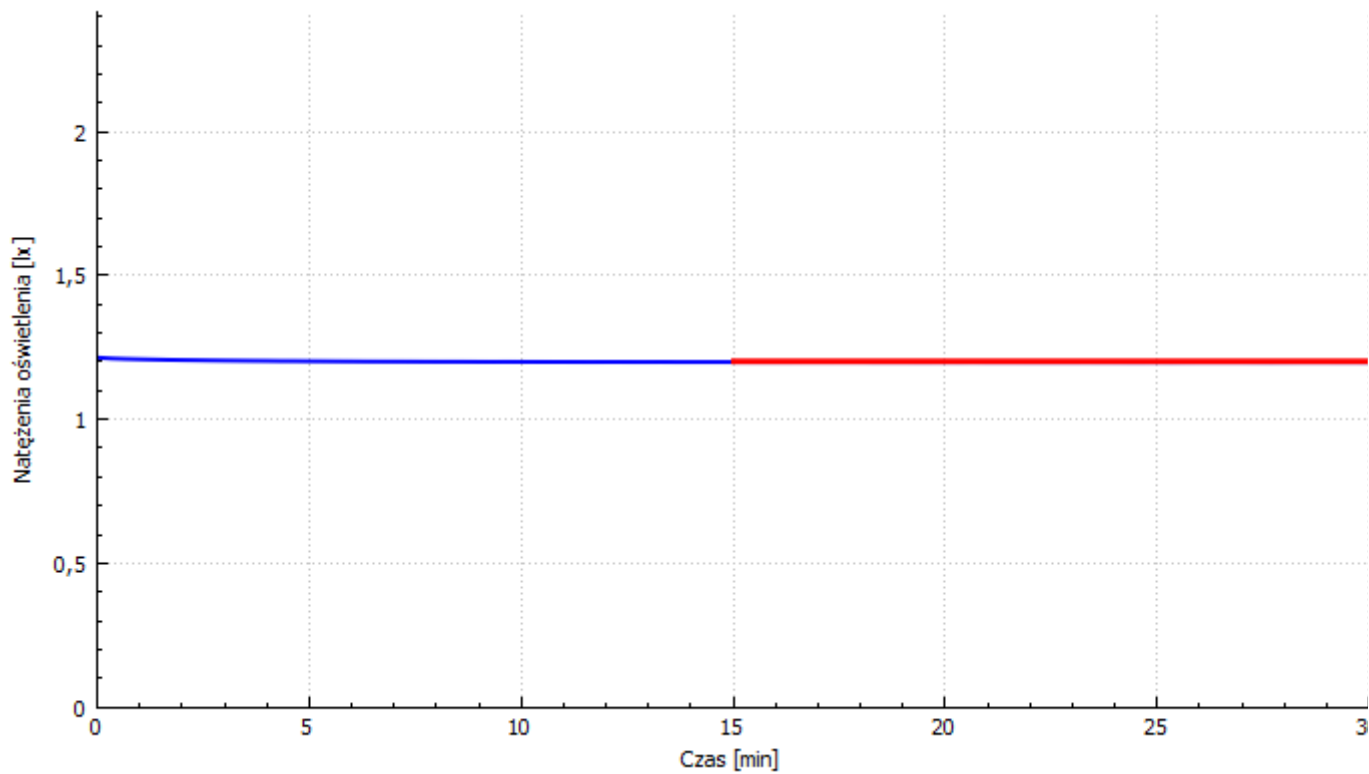
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### 3D Chart

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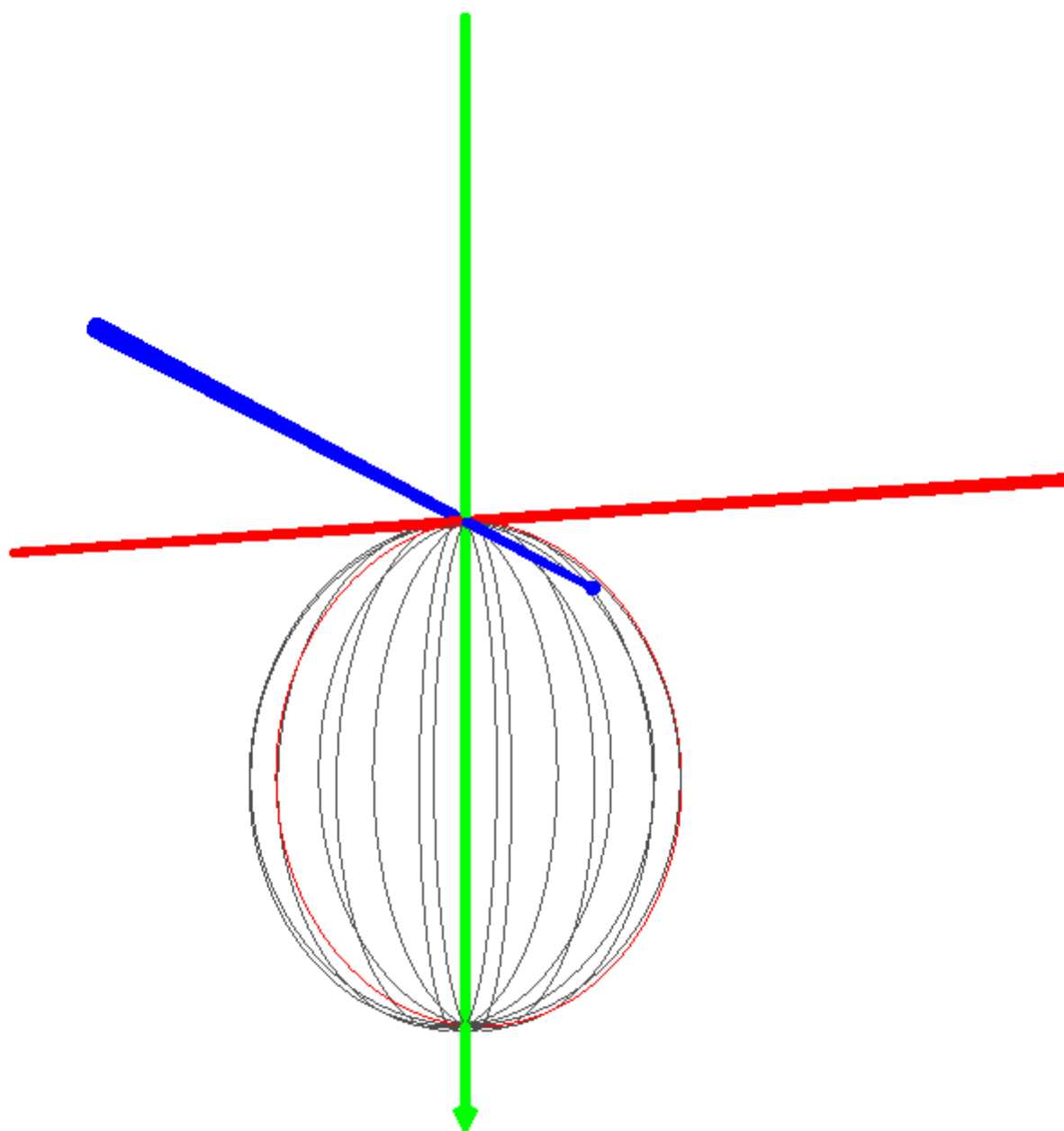
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## Legend

- 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	0,00252	0,266	-6,54e-06
1	100,000	100,000	100,000
2	0,0115	0,182	-5,09e-06
3	0,0126	32,066	0,000169
4	0,00571	0,103	-2,22e-06
5	0,003	15,387	0,000309
6	0,00378	0,140	7,73e-06
7	0,00519	10,040	0,000413
8	0,00211	0,169	-3,81e-07
9	0,00461	6,370	0,000221
10	0,00153	0,204	2,93e-06
11	0,00887	6,832	0,000468
12	0,00127	0,126	-1,74e-06
13	0,00437	4,631	0,000199
14	0,00126	0,184	-2,3e-07
15	0,00222	4,510	7,12e-05
16	0	0,203	0
17	0,00526	5,874	-2,34e-05
18	0,000838	0,213	-1,48e-06
19	0,00326	3,944	-3,67e-05
20	0	0,165	0
21	0,00583	5,420	2,26e-06

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22	0,000984	0,178	-1,34e-06
23	0,00554	4,933	-0,000184
24	0	0,261	0
25	0,00463	3,505	-2,98e-05
26	0	0,233	0
27	0,00654	4,541	8,18e-05
28	0	0,232	0
29	0,00312	1,957	3,83e-05
30	0	0,204	0
31	0,00327	2,622	0,000112
32	0	0,281	0
33	0,00225	2,111	6,7e-06
34	0	0,276	0
35	0,00245	1,010	-3,29e-06
36	0,000968	0,242	2,98e-07
37	0,00467	2,393	-4,47e-05
38	0,00114	0,261	5,75e-07
39	0,00726	2,726	-2,42e-05
40	0	0,248	0
41	0,00799	2,454	-7,48e-06
42	0,000866	0,236	-4,5e-07
43	0,00941	3,553	3,6e-05
44	0	0,162	0
45	0,00556	2,753	4,74e-05
46	0	0,188	0
47	0,00604	3,077	8,91e-05
48	0,0011	0,183	1,76e-06
49	0,0057	2,984	6,68e-05
50	0	0,234	0

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