

# GL GONIOSPECTROMETER MEASUREMENT TAG LIST

## Report Wizard Sample Description Lines

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Client name: *Azzardo Lighting*  
Model name: *Alfa Niko 2 Track Magnetic 7W CCT Switch*  
Item No: *AZ6249*  
Serial No.:  
Made by: *A. Nawrot*

## Eulumdat Fields

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### Dimensions of luminaire

Company: *Azzardo*  
Report number: *AZ6249\_6000*  
LuminaireName: *Alfa Niko 2 Track Magnetic 2Line 7W CCT Switch*  
LuminaireNumber: *AZ6249*  
FileName: *AZ6249\_6000.ldt*  
Date: *2024-09-25*

### Dimensions of luminaire

Length: *30 mm*  
Width: *0 mm*  
Height: *180 mm*

### Dimensions of luminous area

Length: *20 mm*  
Width: *0 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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REGON 360317241

PL-62-040 Puszczkowo; 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: *346,70 lm*  
 Color temperatur: *6300 K*  
 Color rendering index: *89,81*  
 Wattage including ballast: *9,28 W*

### Utilization factors:

$k = 0.60$	<i>0,725</i>
$k = 0.80$	<i>0,768</i>
$k = 1.00$	<i>0,815</i>
$k = 1.25$	<i>0,850</i>
$k = 1.50$	<i>0,876</i>
$k = 2.00$	<i>0,927</i>
$k = 2.50$	<i>0,934</i>
$k = 3.00$	<i>0,947</i>
$k = 4.00$	<i>0,967</i>
$k = 5.00$	<i>0,981</i>

### Electrical parameters

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$U$  = *229,663 V*  
 $I$  = *0,057 A*  
 $P$  = *9,276 W*  
 Power factor = *0,706*

Power apparent = *13,177 VA*  
 Power Reactive = *-9,319 var*  
 Frequency Voltage = *50,003 Hz*  
 THD = *62,077 %*

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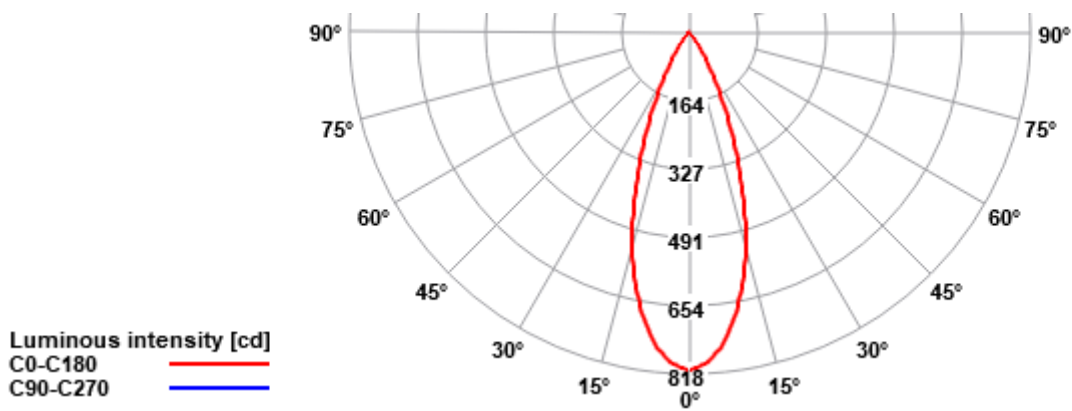
Temperature = 25 C

## Goniometric measurement results

Total flux (utilized luminaire flux)	346,70 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	809,99 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	37,36 lm/W

## Light intensity distribution diagram

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## CIE 1931 diagram

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x	0,3159
y	0,3352
Angular Colour Uniformity	0,0148

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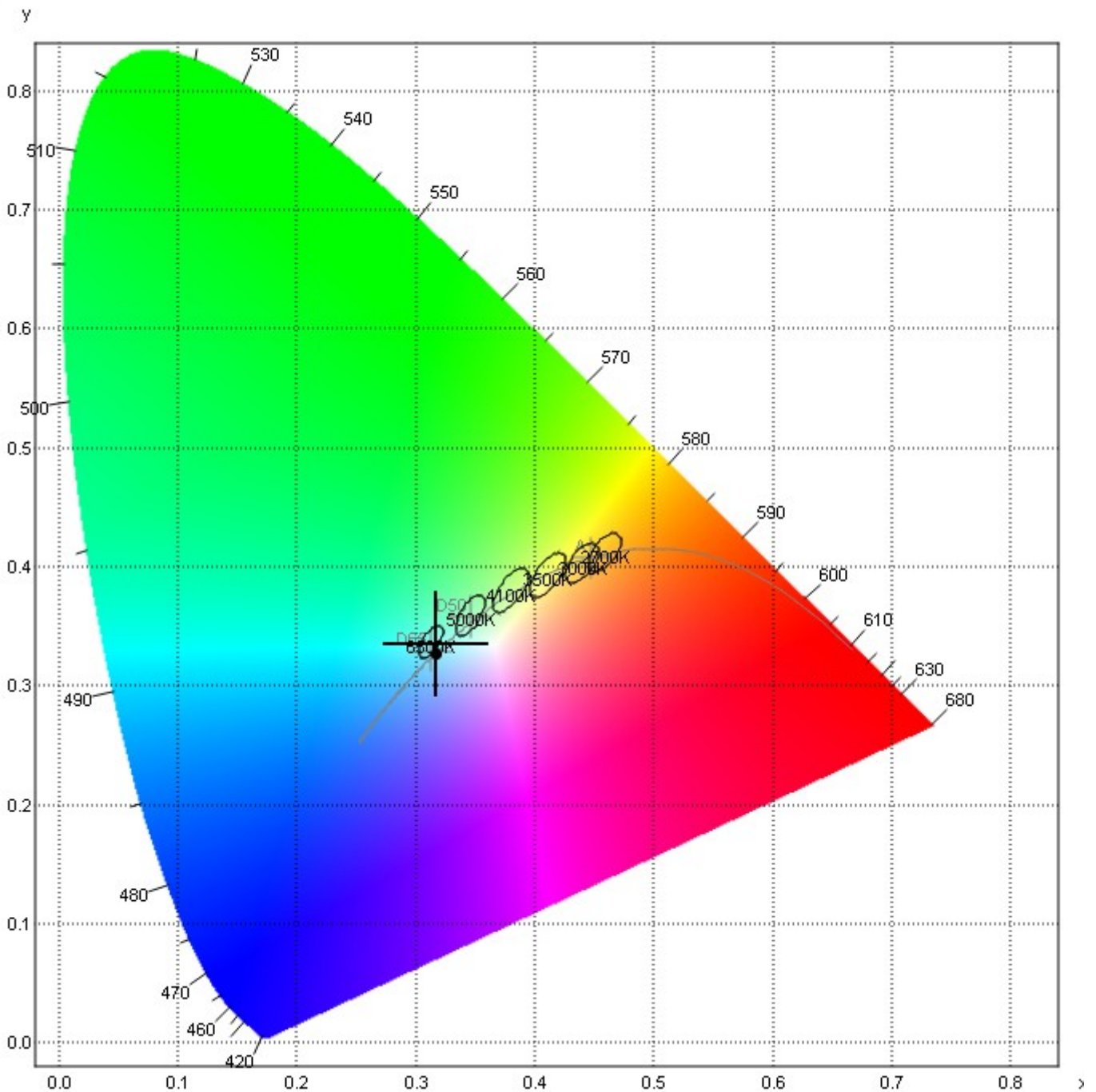
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## Beam cone

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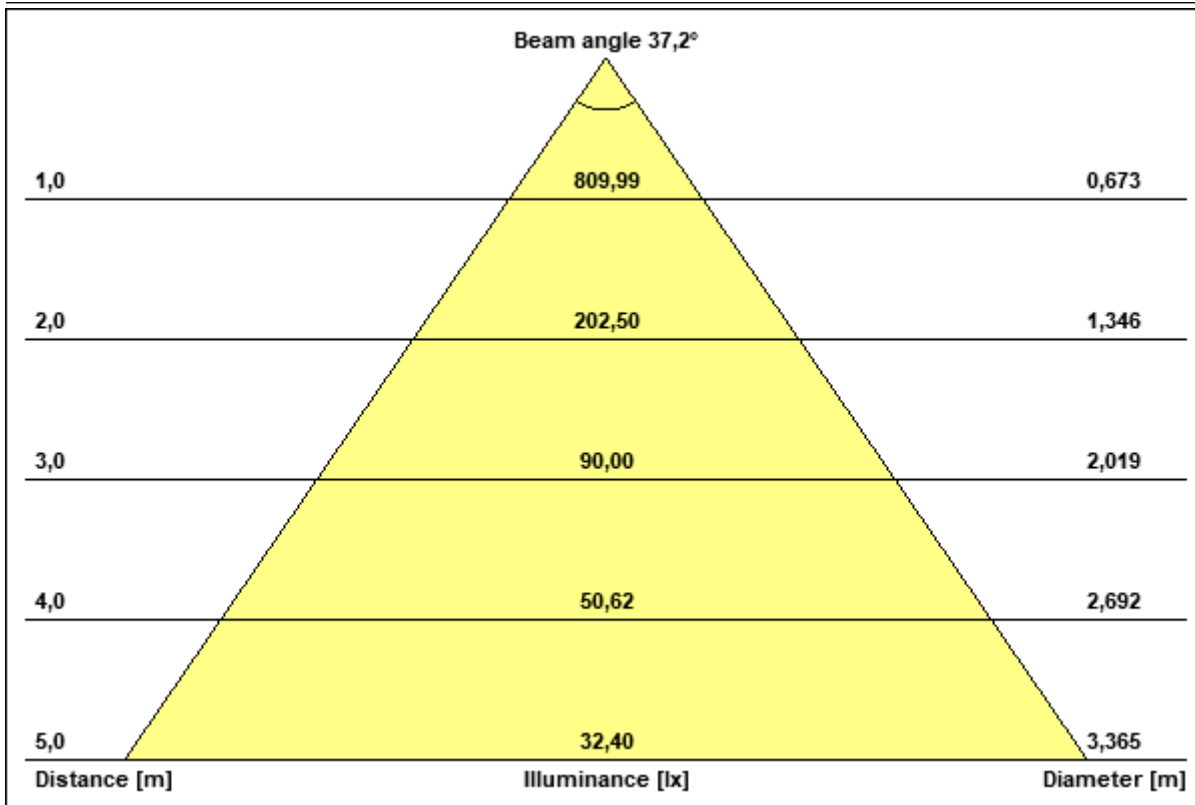
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## Stabilization

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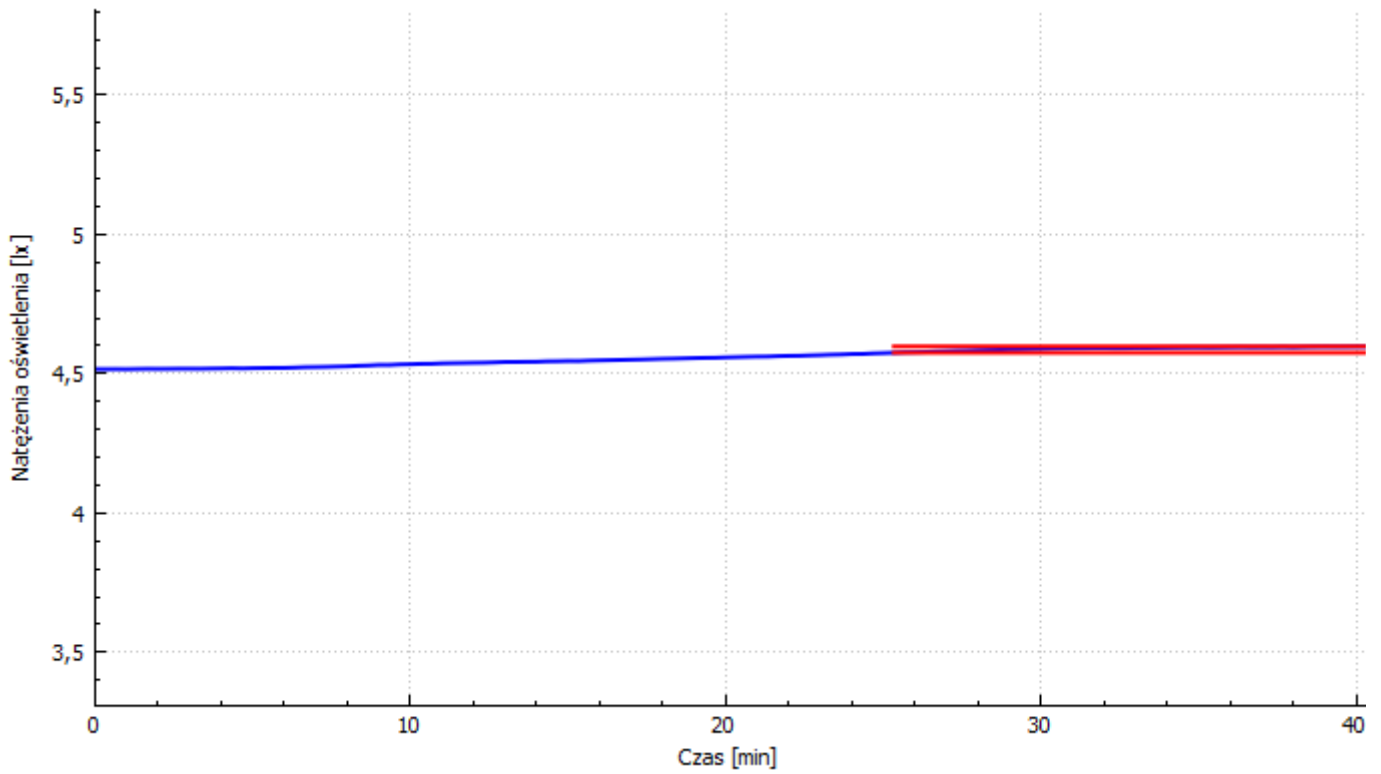
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### 3D Chart

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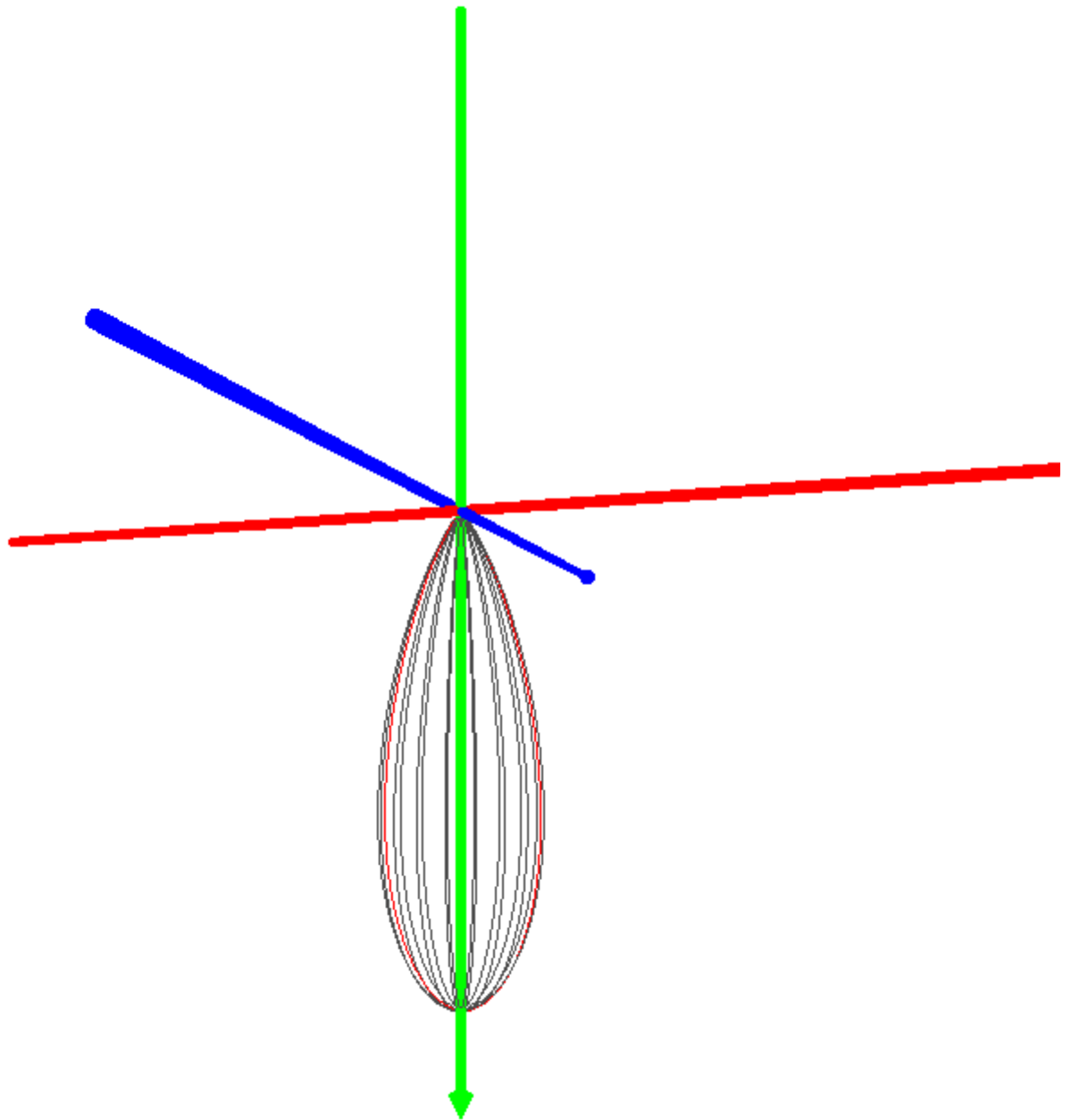
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## Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

P(%f)

**Ext  
end  
ed  
elec  
tric  
al  
rep  
ort**

	U(%f)	I(%f)	P(%f)
0	0,00514	0,565	0,000106
1	100,000	100,000	100,000
2	0,0212	0,981	5,19e-05
3	0,00677	49,894	0,000391
4	0,00718	0,813	-3,11e-05
5	0,00733	14,806	-0,00103
6	0,00515	0,714	2,14e-05
7	0,00351	18,613	-0,000511
8	0,00422	0,682	4e-05
9	0,00498	9,586	0,000215
10	0,00407	0,607	2,23e-05
11	0,00386	9,267	0,000634
12	0,00285	0,606	2,8e-05
13	0,00371	11,237	0,000208
14	0,00259	0,561	1,6e-05
15	0,00488	8,553	-0,000115
16	0,00228	0,582	2,27e-05
17	0,00587	7,658	3,01e-05
18	0,00201	0,497	1,98e-05
19	0,00407	8,531	7,66e-05
20	0,00204	0,552	1,49e-05
21	0,000844	3,015	5,19e-05

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22	0,00217	0,439	1,61e-05
23	0,00419	3,669	0,000181
24	0,00131	0,404	3,67e-06
25	0,0057	5,989	1,01e-06
26	0,00225	0,364	1,22e-05
27	0,00595	5,042	-5,93e-05
28	0,00234	0,281	8,14e-06
29	0,00665	5,873	-3,97e-05
30	0,00199	0,318	4,8e-06
31	0,00906	7,179	0,000191
32	0,00119	0,250	-2,25e-06
33	0,00369	3,692	0,000132
34	0,00141	0,213	1,5e-06
35	0,00356	4,124	8,57e-05
36	0,00193	0,238	7,82e-07
37	0,00245	3,151	-1,39e-05
38	0,00156	0,146	5,19e-07
39	0,00476	2,117	-6,21e-05
40	0,00152	0,234	-3,75e-06
41	0,00773	3,317	-0,000108
42	0,00133	0,278	5,61e-07
43	0,00871	5,023	9,18e-05
44	0,00135	0,379	3,94e-06
45	0,00572	3,787	0,000123
46	0,00163	0,440	-8,85e-06
47	0,00563	4,204	0,000121
48	0,00138	0,431	-1,47e-05
49	0,00387	3,890	7,91e-06
50	0,00123	0,518	-8,19e-06

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