

# 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 12W CCT Switch*  
Item No: *AZ6253*  
Serial No.:  
Made by: *A. Nawrot*

## Eulumdat Fields

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### Dimensions of luminaire

Company: *Azzardo*  
Report number: *AZ6250\_6000*  
LuminaireName: *Alfa Niko 2 Track Magnetic 2Line 12W CCT Switch*  
LuminaireNumber: *AZ6250*  
FileName: *AZ6250\_6000.ldt*  
Date: *2024-09-25*

### Dimensions of luminaire

Length: *45 mm*  
Width: *0 mm*  
Height: *190 mm*

### Dimensions of luminous area

Length: *35 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: *772,34 lm*  
 Color temperatur: *6704 K*  
 Color rendering index: *90,36*  
 Wattage including ballast: *14,15 W*

### Utilization factors:

*k = 0.60*            *0,705*  
*k = 0.80*            *0,752*  
*k = 1.00*            *0,801*  
*k = 1.25*            *0,839*  
*k = 1.50*            *0,867*  
*k = 2.00*            *0,919*  
*k = 2.50*            *0,928*  
*k = 3.00*            *0,941*  
*k = 4.00*            *0,962*  
*k = 5.00*            *0,976*

### Electrical parameters

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*U*                      = *229,678 V*  
*I*                      = *0,079 A*  
*P*                      = *14,149 W*  
*Power factor*       = *0,784*

*Power apparent*    = *18,041 VA*  
*Power Reactive*   = *-11,187 var*  
*Frequency Voltage* = *50,000 Hz*  
*THD*                 = *43,525 %*

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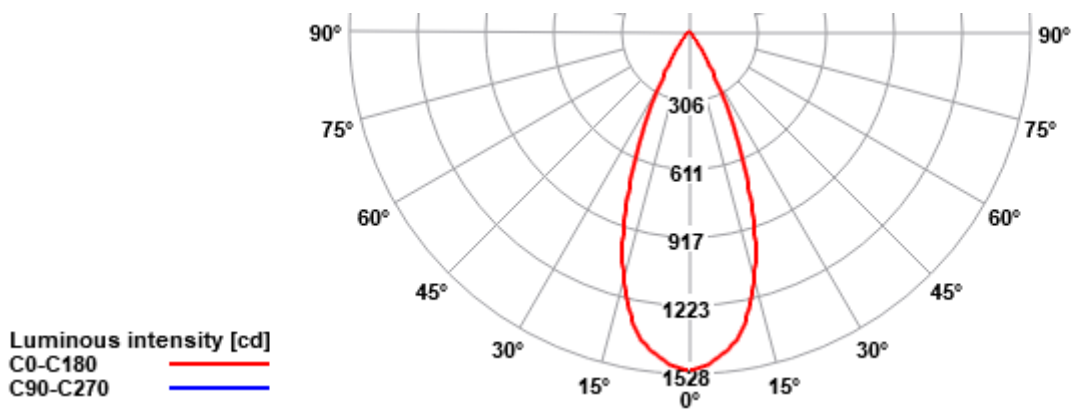
Temperature = 25 C

## Goniometric measurement results

Total flux (utilized luminaire flux)	772,34 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	1513,23 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	54,58 lm/W

## Light intensity distribution diagram

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## CIE 1931 diagram

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x	0,3093
y	0,3283
Angular Colour Uniformity	0,0073

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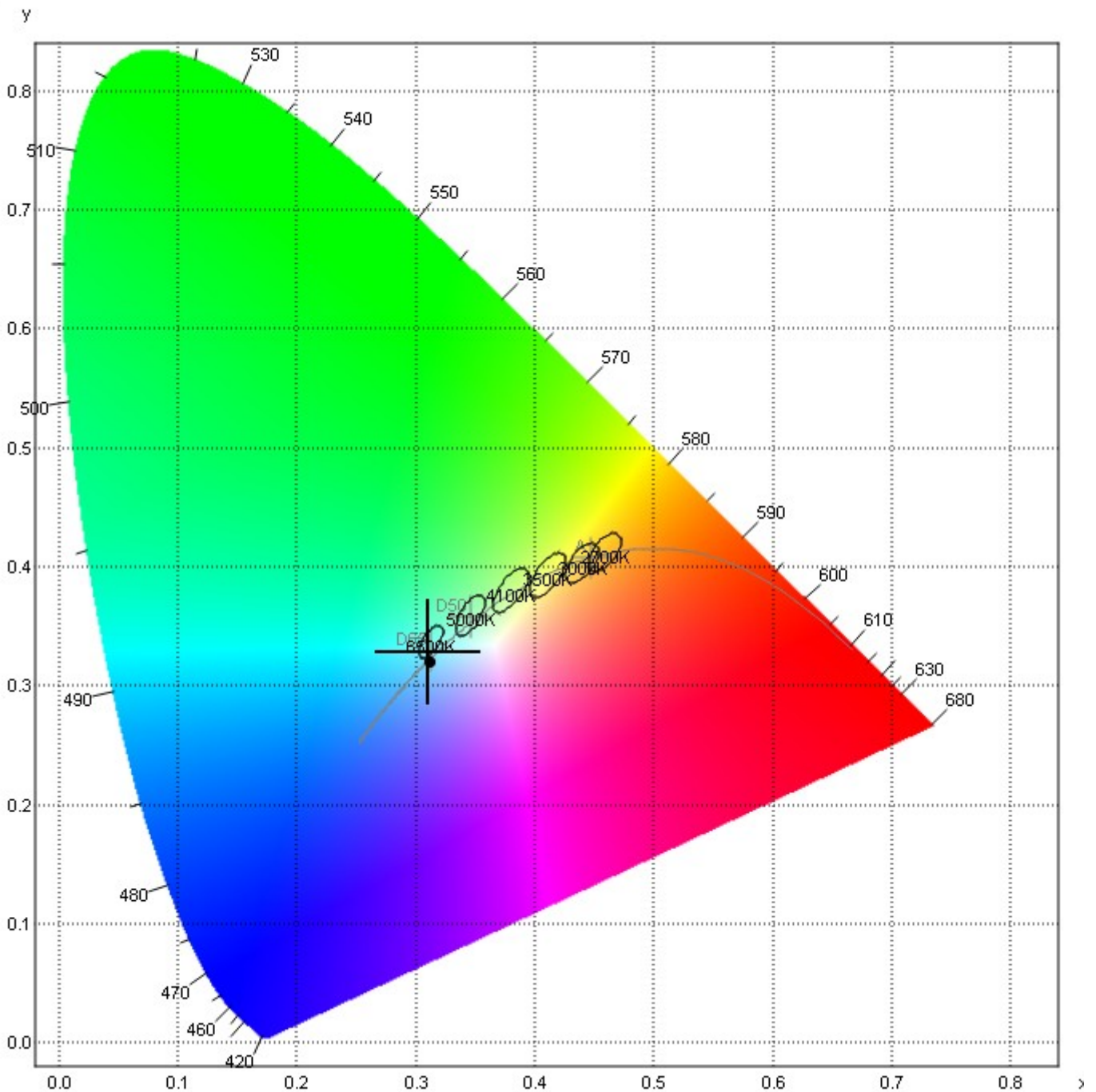
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## Beam cone

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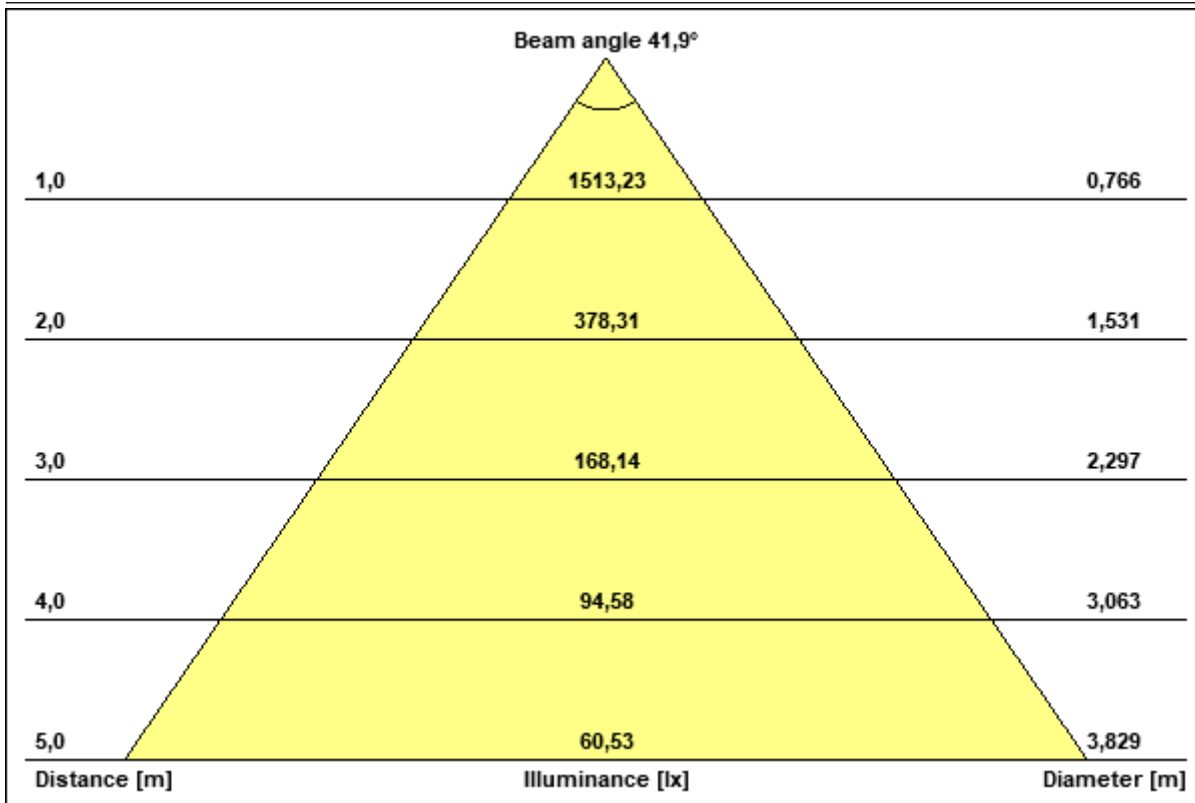
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## Stabilization

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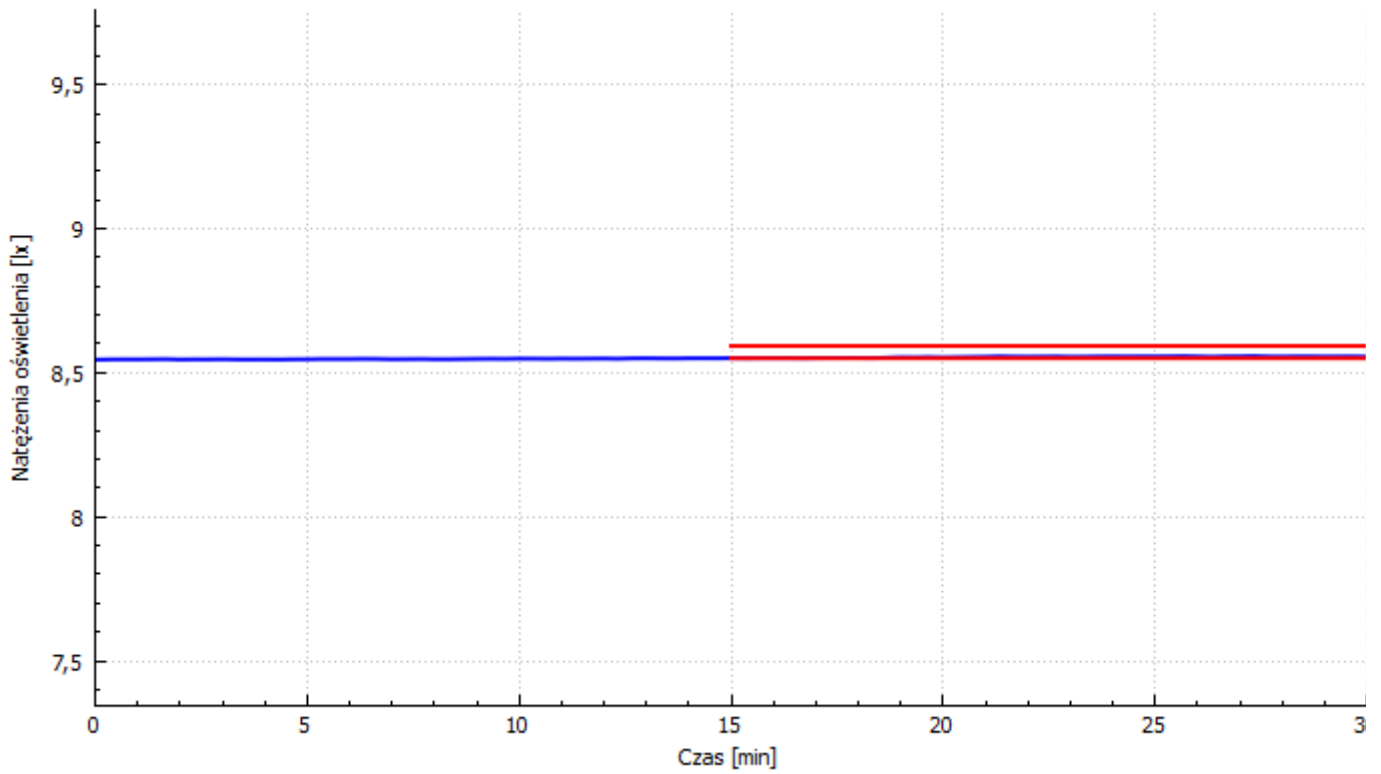
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### 3D Chart

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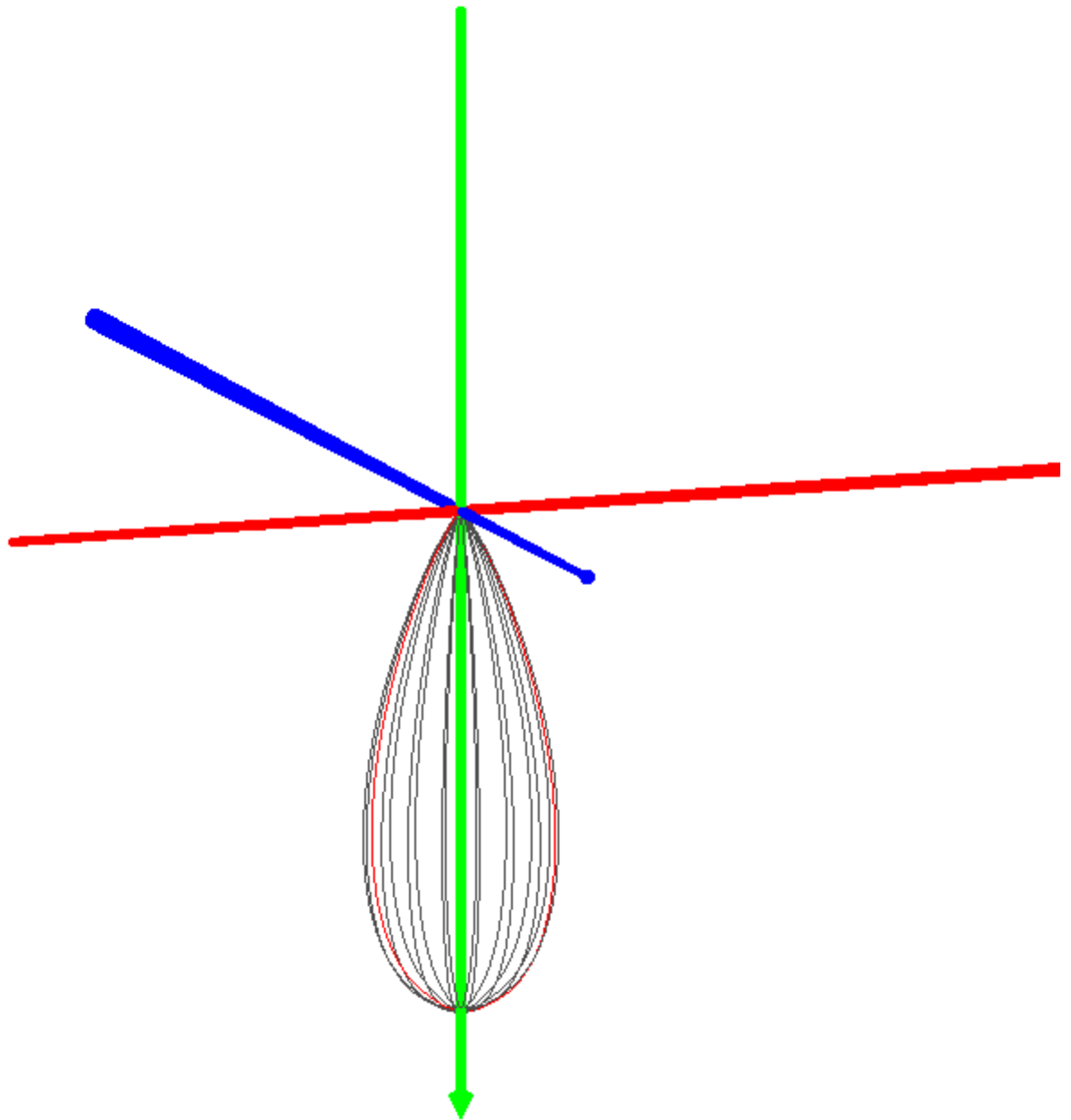
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## Legend

- 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	0,526	0
1	100,000	100,000	100,000
2	0,0281	0,451	2,14e-05
3	0,022	34,061	0,00083
4	0,0124	0,406	-8,23e-06
5	0,00758	16,152	0,000485
6	0,00836	0,255	3,78e-06
7	0,00896	10,503	0,000214
8	0,00531	0,395	0
9	0,00726	6,819	0,000106
10	0,00447	0,361	0
11	0,0101	6,974	0,000342
12	0,00374	0,418	0
13	0,00453	5,573	0,000279
14	0,00315	0,426	0
15	0,00161	4,157	4,05e-05
16	0,00263	0,402	0
17	0,00434	6,134	2,61e-05
18	0,00277	0,475	0
19	0,00399	4,468	-4,51e-06
20	0,00255	0,507	0
21	0,0062	5,543	5,59e-05

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22	0,00235	0,466	0
23	0,00806	5,282	-0,000118
24	0,00267	0,447	0
25	0,00578	3,432	2,29e-05
26	0,00227	0,323	2,5e-06
27	0,00743	4,438	0,000101
28	0,00223	0,212	2,56e-07
29	0,00385	2,094	4,88e-05
30	0,0015	0,269	4,51e-08
31	0,00258	1,953	4,79e-05
32	0,00186	0,353	-3,95e-07
33	0,0019	2,345	-3,28e-05
34	0,00194	0,492	9,69e-07
35	0,00221	1,694	-5,29e-06
36	0,00159	0,450	2,16e-06
37	0,00422	2,700	-3,69e-05
38	0,00167	0,603	1,74e-06
39	0,00748	3,529	1,93e-05
40	0,00205	0,531	-1,5e-06
41	0,00843	2,927	4,58e-05
42	0,00254	0,537	3,32e-06
43	0,00921	3,897	0,000107
44	0,00176	0,400	2,57e-06
45	0,00664	3,084	6,8e-05
46	0,00141	0,379	-1,3e-06
47	0,00591	2,776	4,69e-05
48	0,00142	0,322	-1,18e-06
49	0,00565	2,824	1,76e-06
50	0,00188	0,333	-1,33e-06

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