

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
 Model name: *Alfa 2Line Corner90 B 24W CCT Switch DIMM*
 Item No: *AZ6245*
 Serial No.:
 Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
 Report number: *AZ6245_3000*
 LuminaireName: *Alfa 2Line Saga Corner B 24W CCT Switch DIMM*
 LuminaireNumber: *AZ6245*
 FileName: *AZ6245_3000.ldt*
 Date: *2024-10-02*

Dimensions of luminaire

Length: *240 mm*
 Width: *22 mm*
 Height: *220 mm*

Dimensions of luminous area

Length: *238 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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Raiffeisen Bank Polska S.A.

NIP: 783-171-97-20

ul. Poznańska 70

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REGON 360317241

PL-62-040 Puszczkowo; Poland

EUR: IBAN 06 1750 0012 0000 0000 2709 9467

KRS: 0000537079

Tel.: +48 61 819 40 03

SWIFT BIC: RCBWPLPW

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Type of lamps: *LED*
 Total luminous flux: *672,46 lm*
 Color temperatur: *2899 K*
 Color rendering index: *92,25*
 Wattage including ballast: *25,40 W*

Utilization factors:

$k = 0.60$	<i>0,235</i>
$k = 0.80$	<i>0,307</i>
$k = 1.00$	<i>0,372</i>
$k = 1.25$	<i>0,439</i>
$k = 1.50$	<i>0,492</i>
$k = 2.00$	<i>0,577</i>
$k = 2.50$	<i>0,628</i>
$k = 3.00$	<i>0,670</i>
$k = 4.00$	<i>0,728</i>
$k = 5.00$	<i>0,767</i>

Electrical parameters

U = *229,650 V*
 I = *0,125 A*
 P = *25,400 W*
 Power factor = *0,886*

Power apparent = *28,650 VA*
 Power Reactive = *-13,270 var*
 Frequency Voltage = *50,003 Hz*
 THD = *24,720 %*

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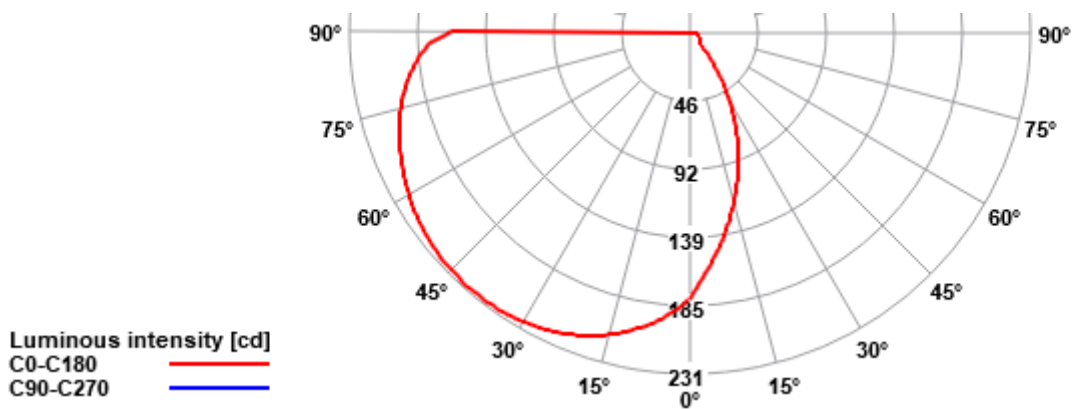
Kapitał 200.000PLN

Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminaire flux)	672,46 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	228,96 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	26,47 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4404
y	0,3988
Angular Colour Uniformity	0,0028

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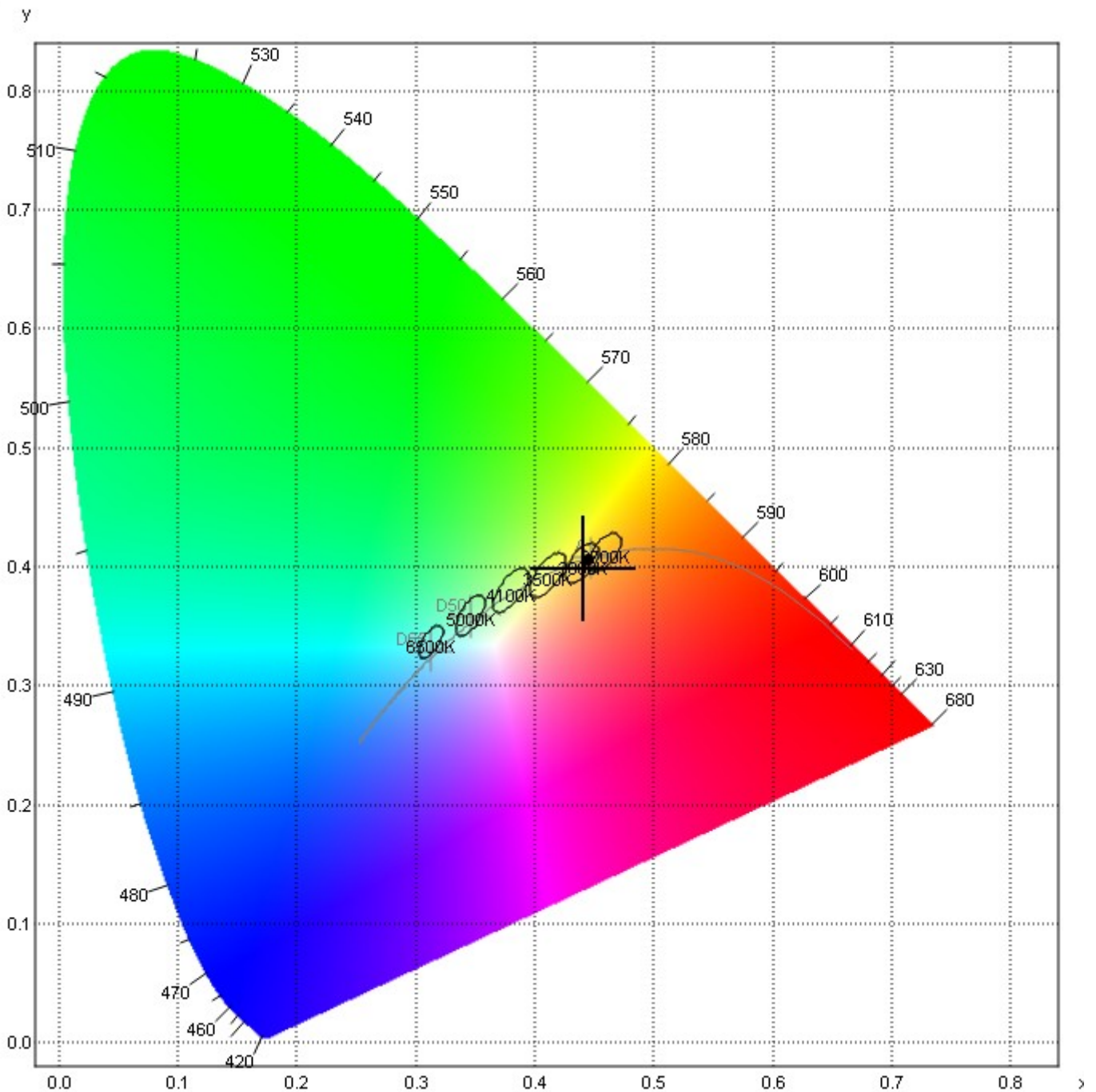
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Beam cone

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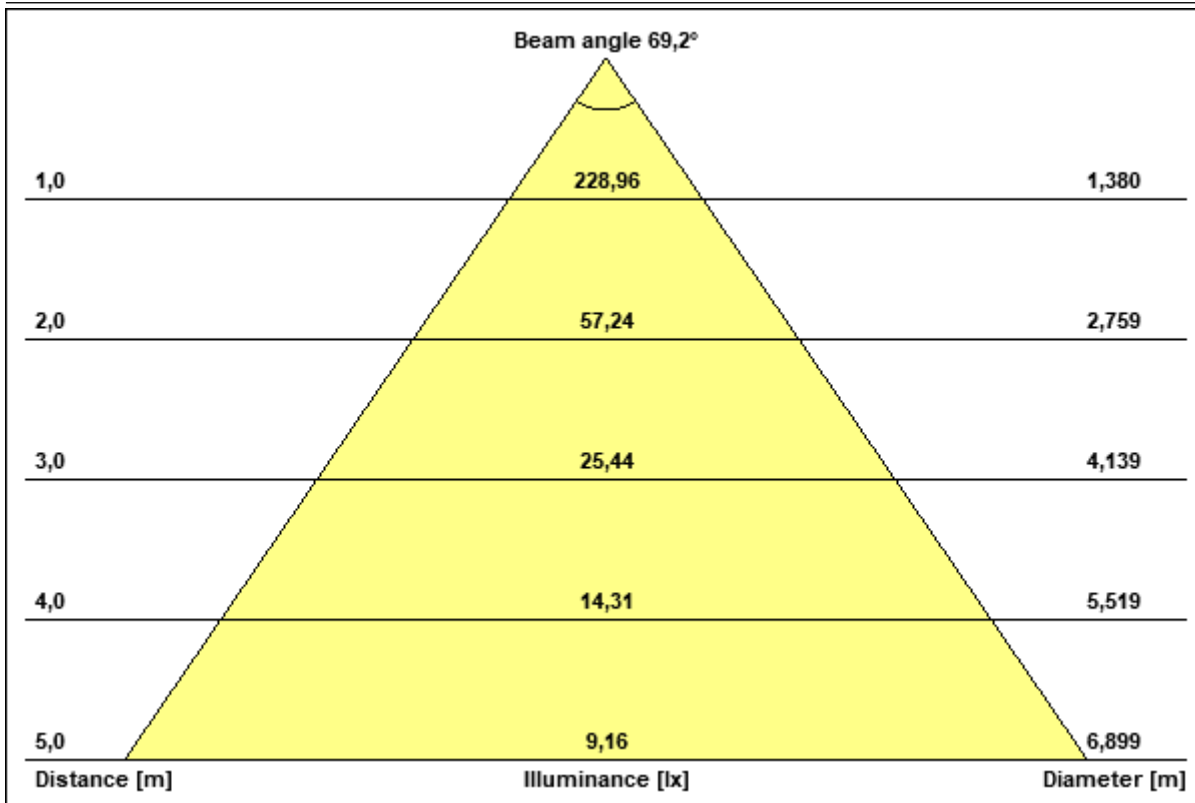
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Stabilization

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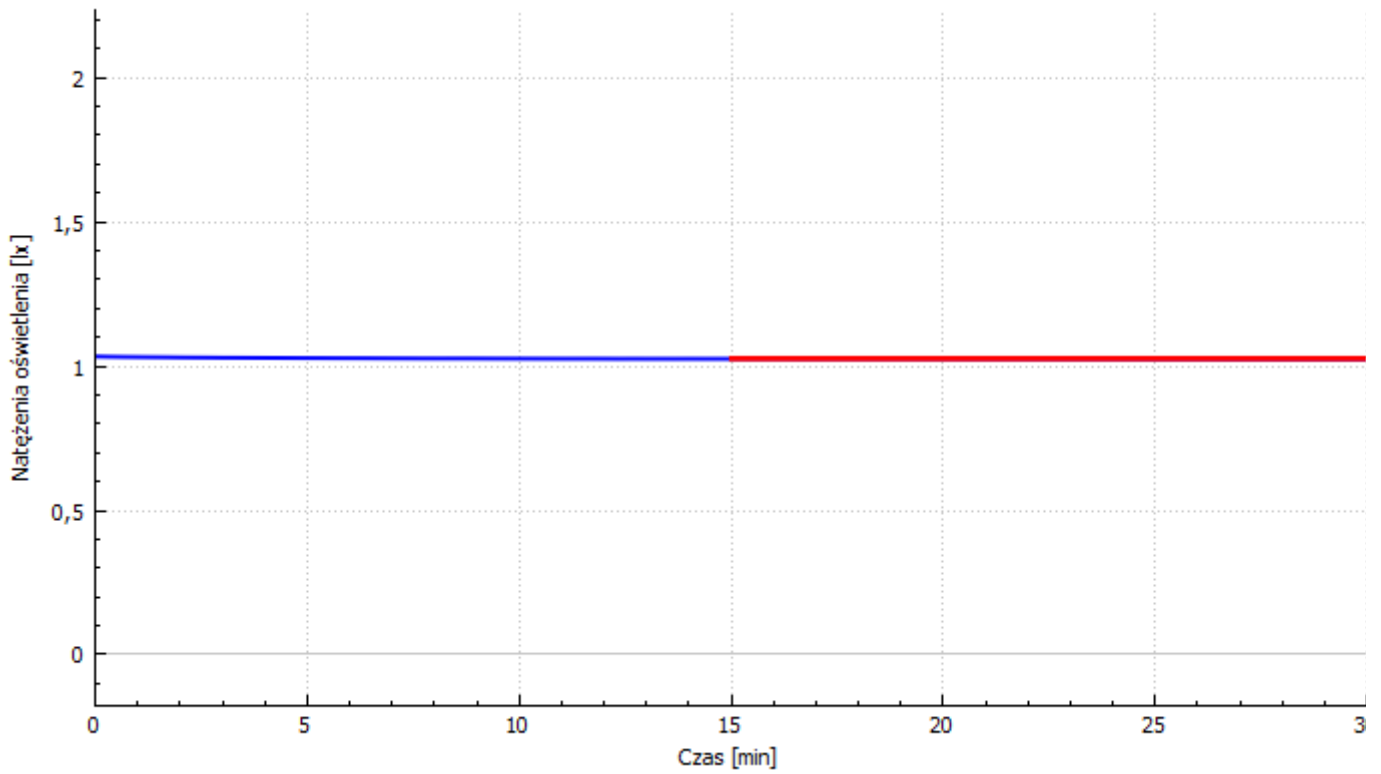
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3D Chart

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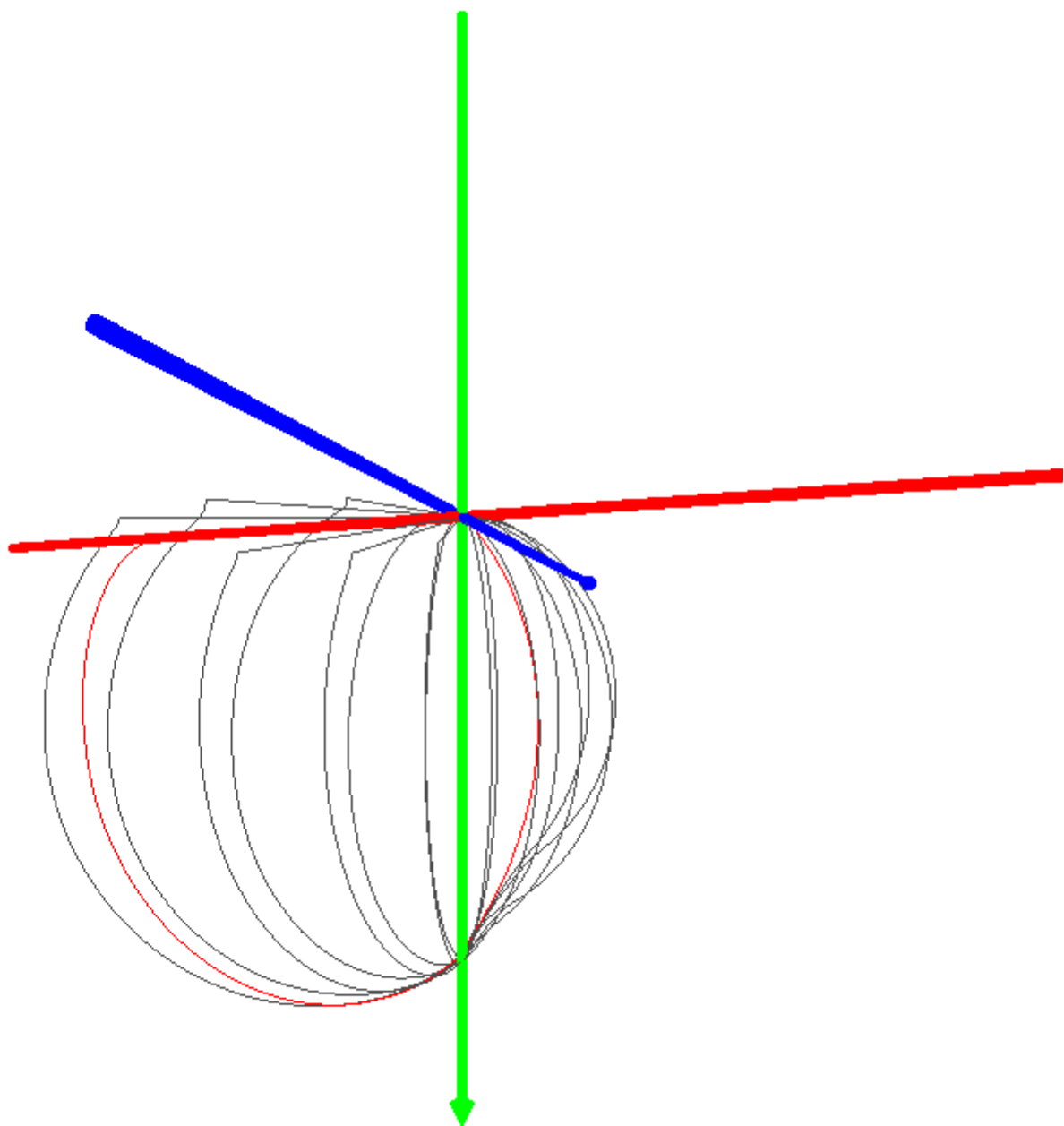
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Legend

— C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

P(%f)

**Ext
end
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0	0,00328	0,157	1,9e-05
1	100,000	100,000	100,000
2	0,00974	0,186	4,97e-05
3	0,0118	17,071	0,00052
4	0,00459	0,113	7,99e-06
5	0,00294	11,979	0,00032
6	0,00283	0,140	-1,99e-06
7	0,00499	7,726	4,39e-05
8	0,00227	0,081	2,49e-07
9	0,00638	4,639	3,59e-05
10	0,00221	0,128	1,2e-06
11	0,00829	4,079	0,000159
12	0,00149	0,0857	-7,36e-07
13	0,00457	2,390	4,87e-05
14	0,00145	0,121	1,1e-06
15	0,00585	3,918	7,65e-05
16	0,00109	0,140	0
17	0,00231	1,398	2,51e-05
18	0,00143	0,0364	-8,67e-07
19	0,00231	1,473	3,99e-05
20	0,0014	0,117	-9,52e-07
21	0,00258	1,563	-2,14e-05

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22	0,00147	0,150	3,79e-07
23	0	0,709	-2,3e-06
24	0,00157	0,0573	5,31e-08
25	0,00517	2,380	1,01e-05
26	0,00142	0,116	0
27	0,00468	2,073	-2,47e-06
28	0,000906	0,104	-9,42e-07
29	0,00478	2,430	-2,45e-05
30	0,00148	0,147	3,6e-07
31	0,00905	2,826	4,57e-06
32	0,00191	0,158	1,72e-08
33	0,00948	2,843	3,31e-05
34	0,00229	0,0504	1,5e-07
35	0,00847	2,981	7,17e-05
36	0,0017	0,184	-1,51e-06
37	0,00549	2,072	4,32e-05
38	0,00151	0,107	1,88e-06
39	0,00912	2,894	3,44e-05
40	0	0,0626	9,82e-07
41	0,00979	2,169	8,79e-05
42	0,002	0,185	2,2e-07
43	0,00789	2,140	8,3e-05
44	0,00208	0,0621	-3,61e-07
45	0,00407	1,627	4,02e-05
46	0,00226	0,144	5,65e-07
47	0,0029	1,245	1,47e-05
48	0,00168	0,116	2,16e-07
49	0,00443	1,224	7,39e-06
50	0	0,120	-1,2e-07

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