

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*
Model name: *Alfa 2Line Porto 12W CCT Switch DIMM*
Item No: *AZ6254*
Serial No.:
Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*
Report number: *AZ6254_3000*
LuminaireName: *Alfa 2Line Porto 12W CCT Switch DIMM*
LuminaireNumber: *AZ6254*
FileName: *AZ6254_3000.ldt*
Date: *2024-10-03*

Dimensions of luminaire

Length: *40 mm*
Width: *0 mm*
Height: *330 mm*

Dimensions of luminous area

Length: *30 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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NIP: 783-171-97-20

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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: *502,61 lm*
 Color temperatur: *2836 K*
 Color rendering index: *88,25*
 Wattage including ballast: *14,68 W*

Utilization factors:

$k = 0.60$	<i>0,698</i>
$k = 0.80$	<i>0,746</i>
$k = 1.00$	<i>0,797</i>
$k = 1.25$	<i>0,835</i>
$k = 1.50$	<i>0,864</i>
$k = 2.00$	<i>0,917</i>
$k = 2.50$	<i>0,926</i>
$k = 3.00$	<i>0,940</i>
$k = 4.00$	<i>0,960</i>
$k = 5.00$	<i>0,974</i>

Electrical parameters

U = *229,684 V*
 I = *0,081 A*
 P = *14,682 W*
 Power factor = *0,791*

Power apparent = *18,561 VA*
 Power Reactive = *-8,114 var*
 Frequency Voltage = *50,003 Hz*
 THD = *42,275 %*

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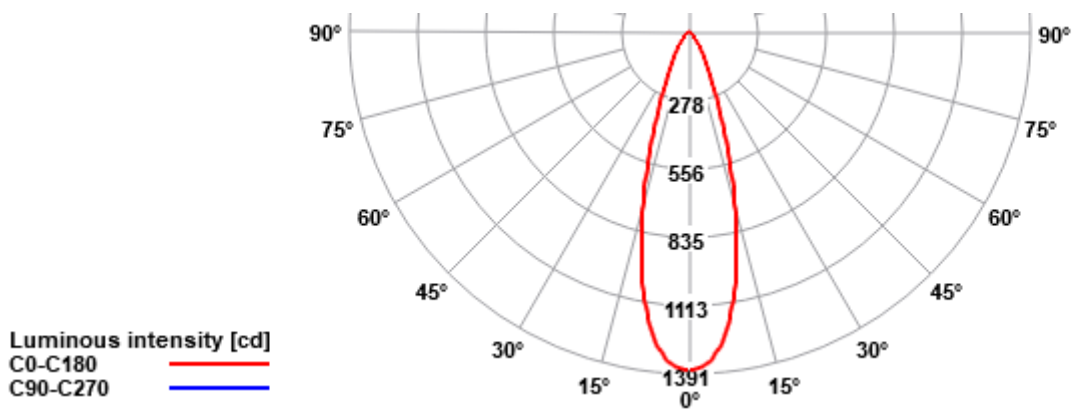
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminaire flux)	502,61 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	0,00 %
Maximum luminous intensity	1377,38 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	34,24 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4443
y	0,3987
Angular Colour Uniformity	0,0029

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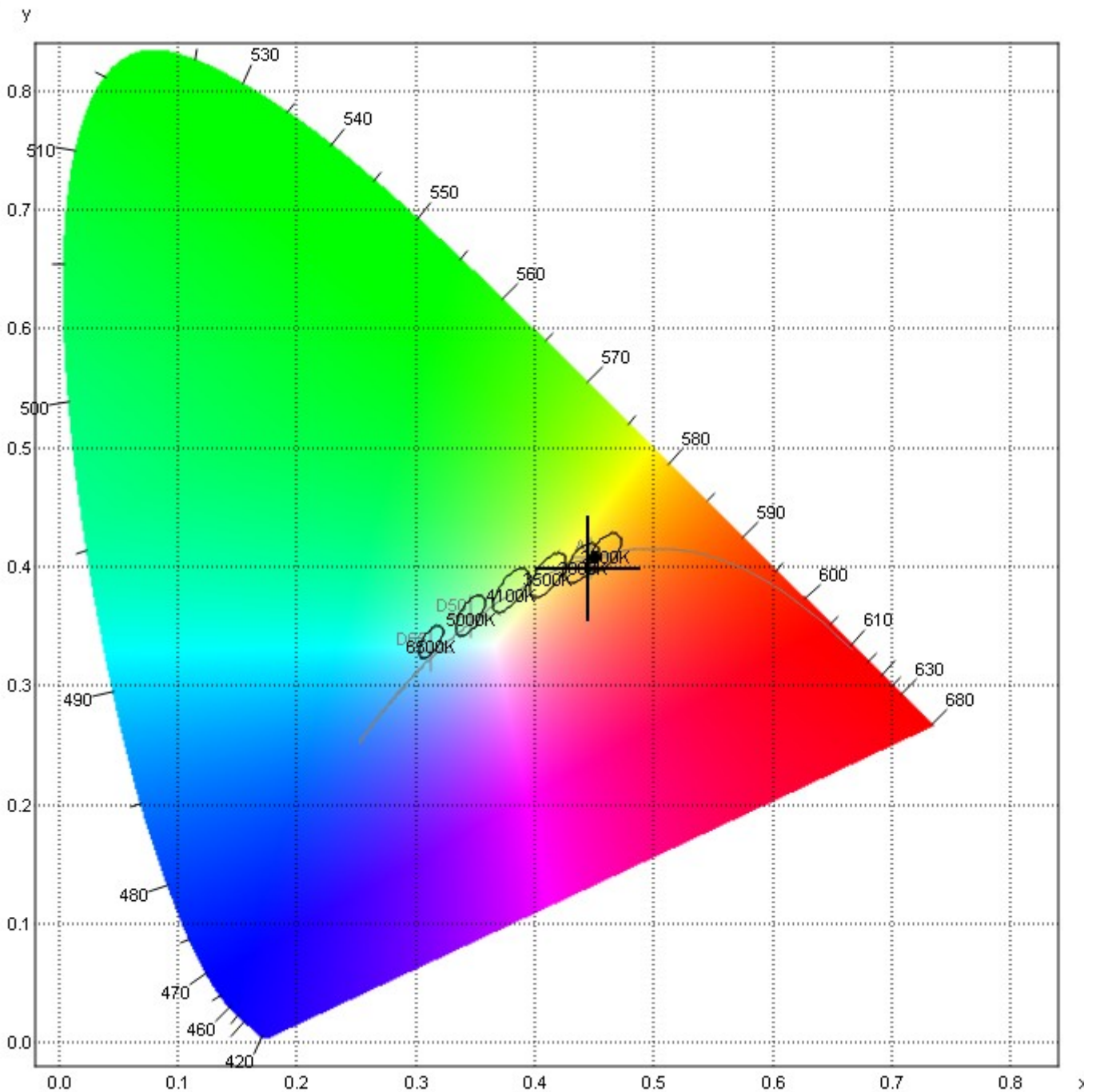
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Beam cone

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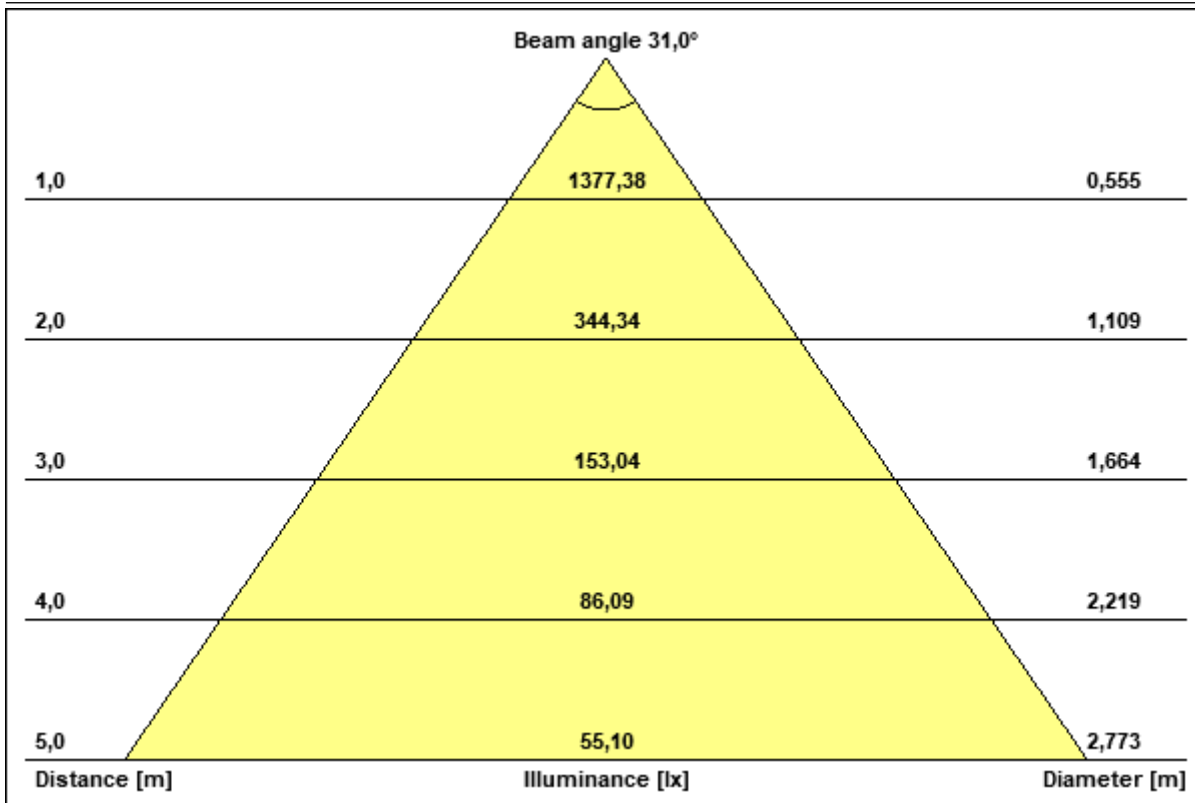
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Stabilization

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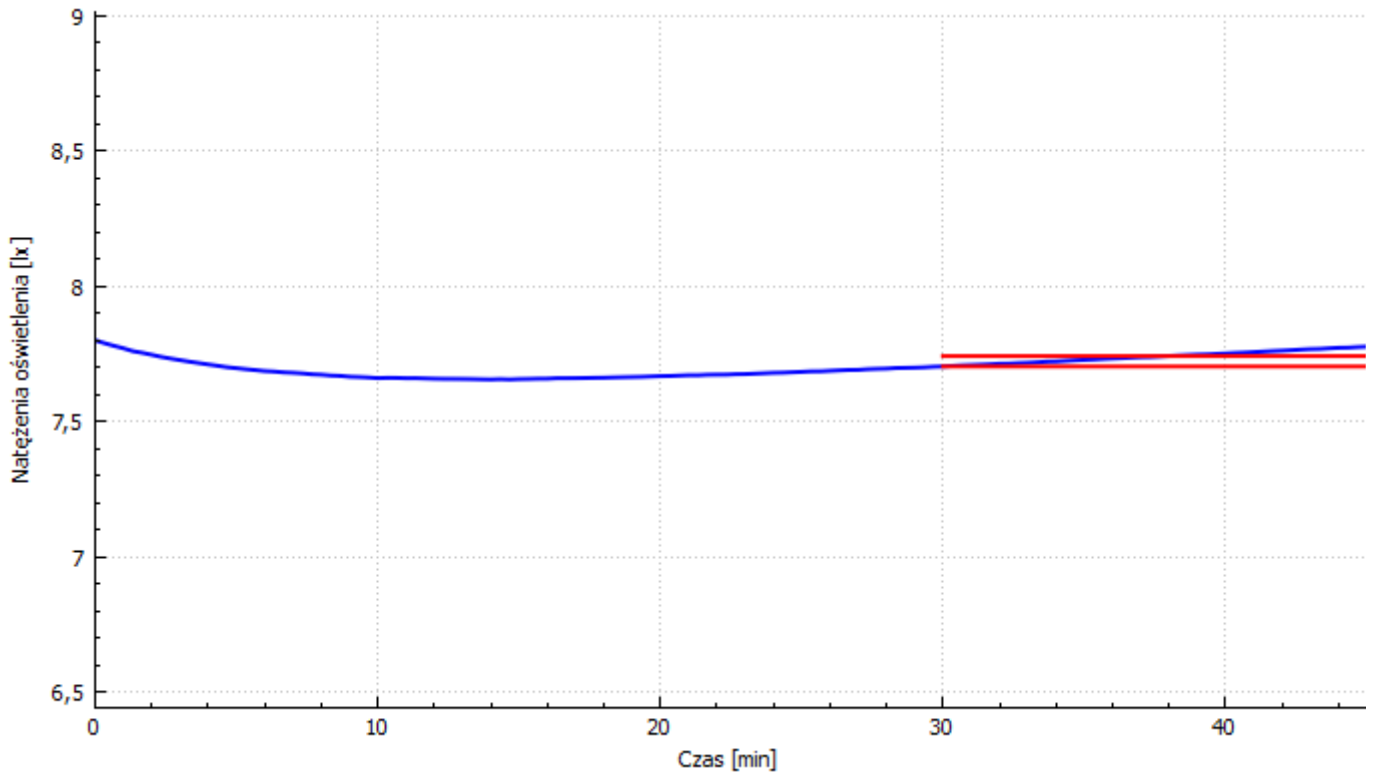
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3D Chart

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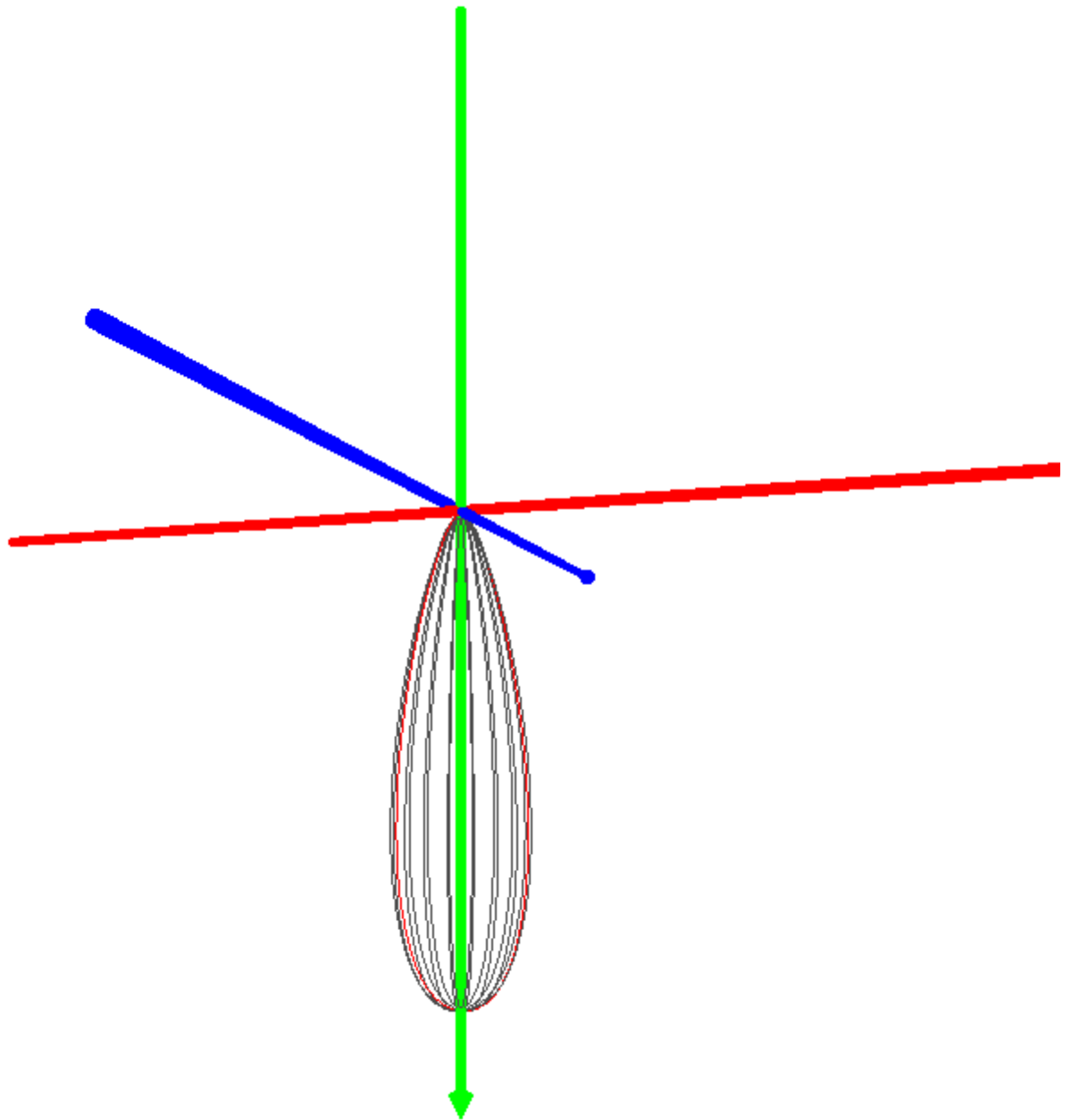
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

P(%f)

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	U(%f)	I(%f)	P(%f)
0	0,0112	0,257	-2,04e-05
1	100,000	100,000	100,000
2	0,0182	0,232	-2,23e-05
3	0,0163	32,721	0,00157
4	0,00857	0,144	-1,01e-06
5	0,00441	15,569	0,000738
6	0,00564	0,162	-3,43e-06
7	0,00714	10,690	0,000111
8	0,00343	0,0954	6,79e-07
9	0,00593	6,370	-3,77e-05
10	0,00249	0,173	-1,79e-06
11	0,00989	7,124	0,000213
12	0,00257	0,117	4,57e-07
13	0,0047	5,131	0,000206
14	0,00212	0,147	4,28e-07
15	0,0016	4,620	2,15e-05
16	0,00171	0,121	8,21e-07
17	0,00421	5,837	4,15e-05
18	0,00117	0,137	2,59e-06
19	0,00336	3,796	4,14e-05
20	0,00139	0,148	-2,83e-07
21	0,006	5,425	7,26e-05

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22	0,00155	0,188	1,92e-07
23	0,00656	4,714	-4e-05
24	0,00113	0,137	3,67e-07
25	0,00461	3,187	5,18e-05
26	0,00153	0,125	0
27	0,00668	4,287	0,000109
28	0,00148	0,160	2,9e-07
29	0,00455	2,099	1,47e-05
30	0,000863	0,0887	3,93e-07
31	0,00312	2,296	4,34e-05
32	0,00088	0,182	0
33	0,00204	2,402	-3,88e-05
34	0,00105	0,114	5,95e-07
35	0,0014	1,371	-4,89e-06
36	0,000987	0,165	2,28e-06
37	0,00469	2,710	-4,57e-05
38	0	0,212	2,46e-06
39	0,00695	2,908	5,02e-05
40	0,00135	0,160	1,33e-06
41	0,008	2,552	2,13e-05
42	0,00173	0,209	6,73e-07
43	0,00931	3,477	5,16e-05
44	0	0,134	2,72e-06
45	0,00709	2,698	5,99e-05
46	0	0,0921	5,27e-07
47	0,00727	2,790	5,73e-05
48	0,00139	0,0689	-2,49e-07
49	0,00608	2,811	-8,48e-06
50	0,00167	0,105	-8,71e-07

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