

GL GONIOSPECTROMETER MEASUREMENT TAG LIST

Report Wizard Sample Description Lines

Client name: *Azzardo Lighting*

Model name: *Massima 60 GO*

Item No: *AZ5256*

Serial No.:

Made by: *A. Nawrot*

Eulumdat Fields

Dimensions of luminaire

Company: *Azzardo*

Report number: *AZ5256*

LuminaireName: *Massima 60 GO*

LuminaireNumber: *AZ5256*

FileName: *AZ5256.Idt*

Date: *2024-08-22*

Dimensions of luminaire

Length: *600 mm*

Width: *80 mm*

Height: *1200 mm*

Dimensions of luminous area

Length: *600 mm*

Width: *80 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 Puszczykowo; 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: *1681,02 lm*
Color temperatur: *2912 K*
Color rendering index: *81,53*
Wattage including ballast: *41,36 W*

Utilization factors:

k = 0.60	<i>0,169</i>
k = 0.80	<i>0,232</i>
k = 1.00	<i>0,290</i>
k = 1.25	<i>0,350</i>
k = 1.50	<i>0,400</i>
k = 2.00	<i>0,481</i>
k = 2.50	<i>0,535</i>
k = 3.00	<i>0,579</i>
k = 4.00	<i>0,642</i>
k = 5.00	<i>0,687</i>

Electrical parameters

<i>U</i>	<i>= 229,582 V</i>
<i>I</i>	<i>= 0,196 A</i>
<i>P</i>	<i>= 41,362 W</i>
<i>Power factor</i>	<i>= 0,918</i>

<i>Power apparent</i>	<i>= 45,018 VA</i>
<i>Power Reactive</i>	<i>= -17,849 var</i>
<i>Frequency Voltage</i>	<i>= 50,002 Hz</i>
<i>THD</i>	<i>= 19,863 %</i>

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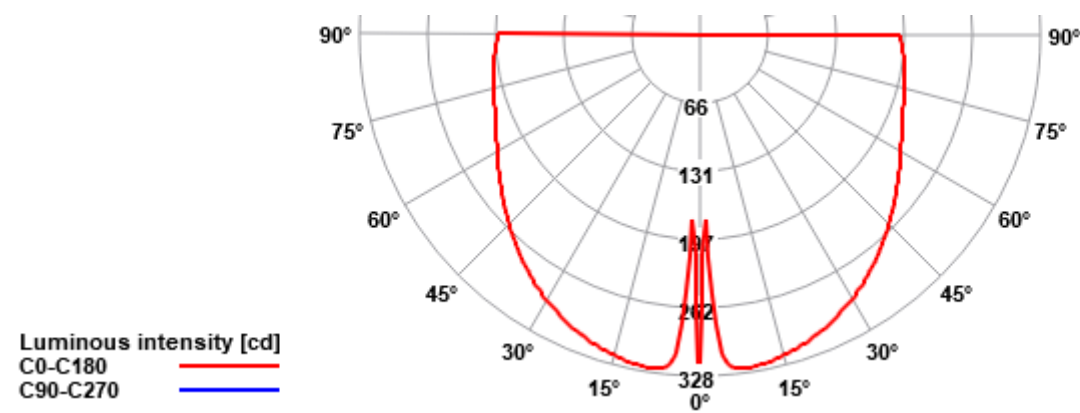
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Temperature = 25 C

Goniometric measurement results

Total flux (utilized luminarie flux)	1681,02 lm
Flux in lower hemisphere	100,00 %
Flux in upper hemisphere	-0,00 %
Maximum luminous intensity	326,70 cd
Light output ratio (LOR)	100,00 %
Luminous efficacy	40,64 lm/W

Light intensity distribution diagram



CIE 1931 diagram

x	0,4405
y	0,4007
Angular Colour Uniformity	0,0027

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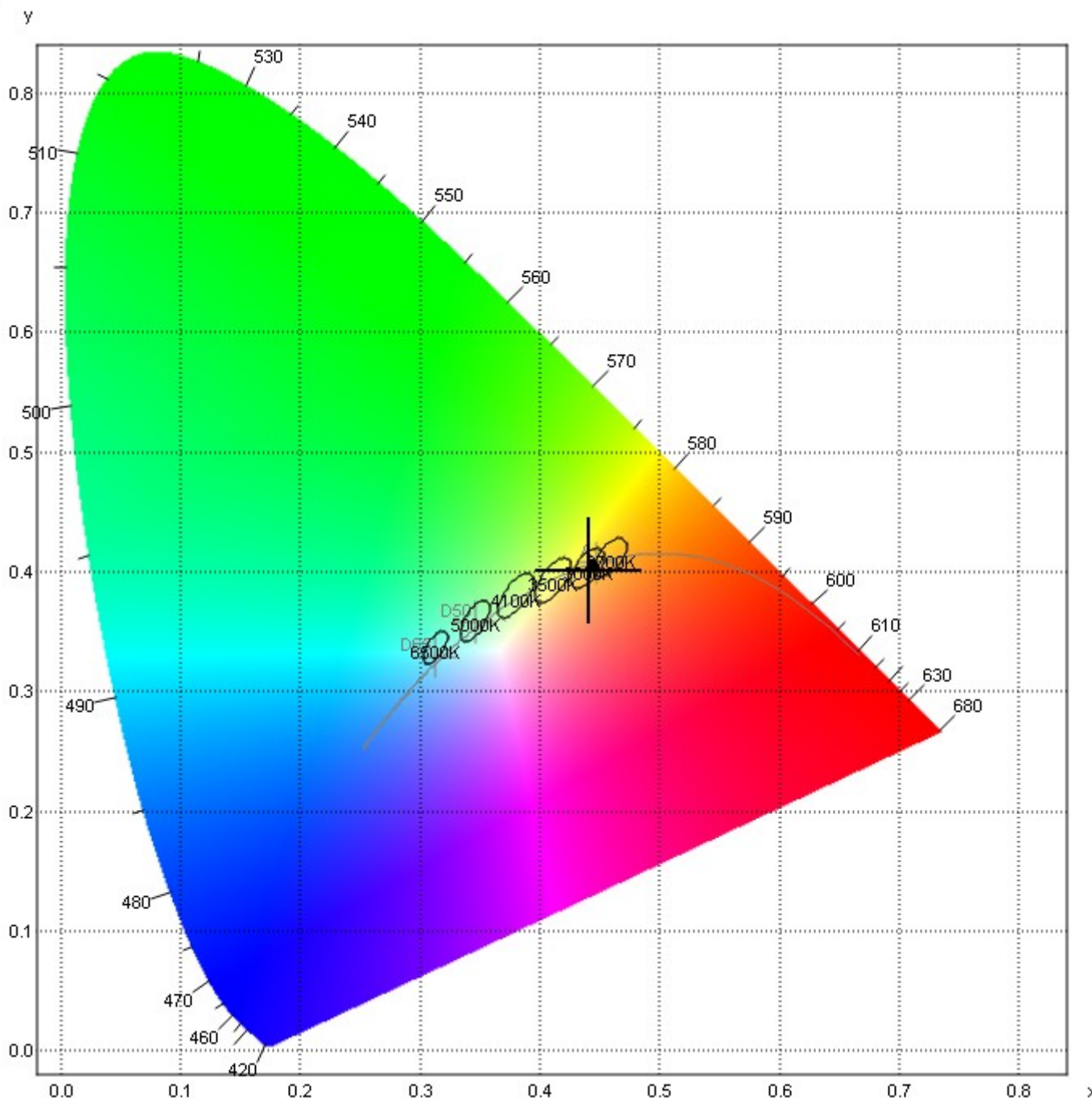
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Beam cone

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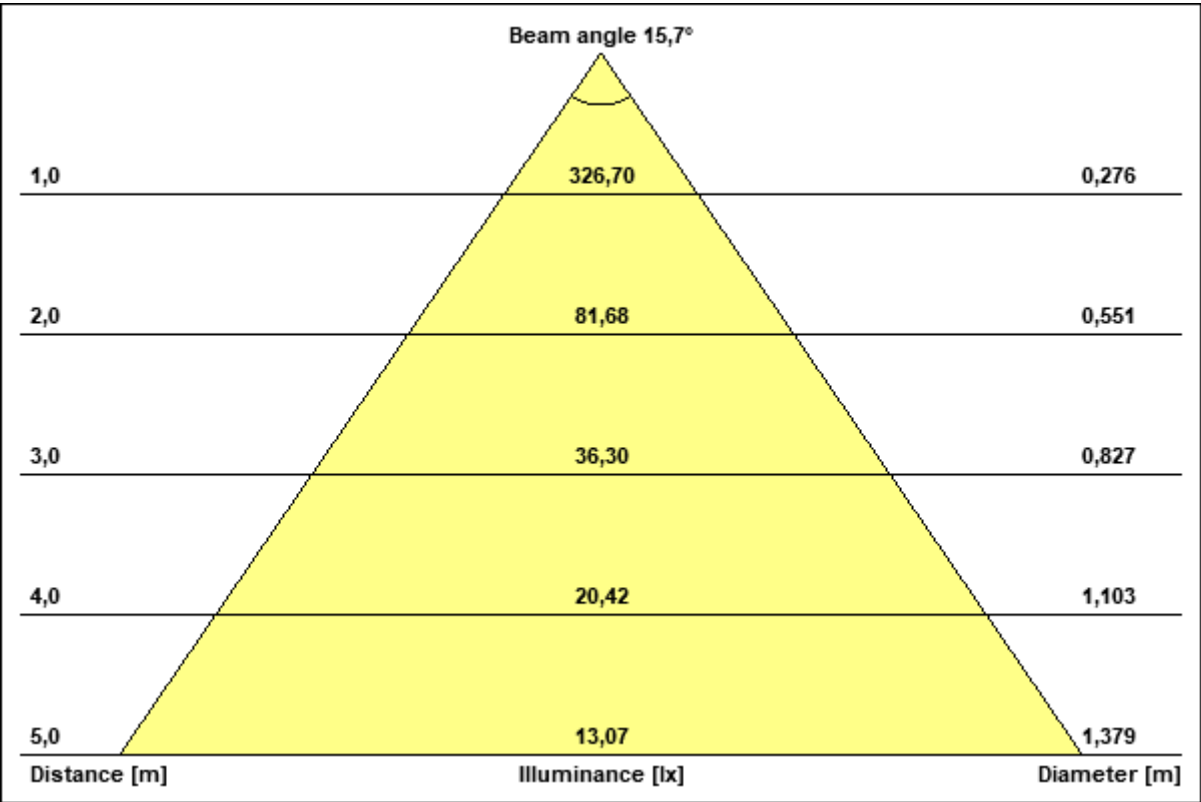
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Stabilization

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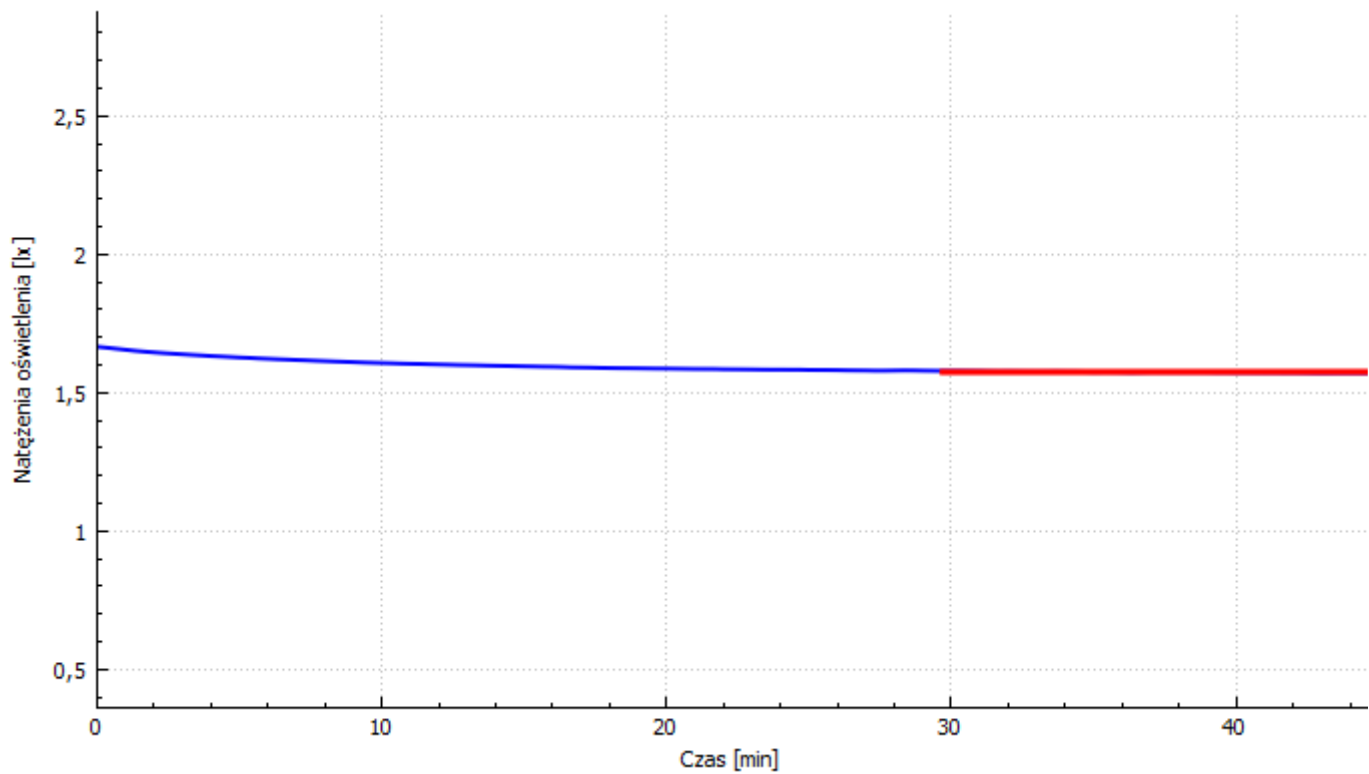
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3D Chart

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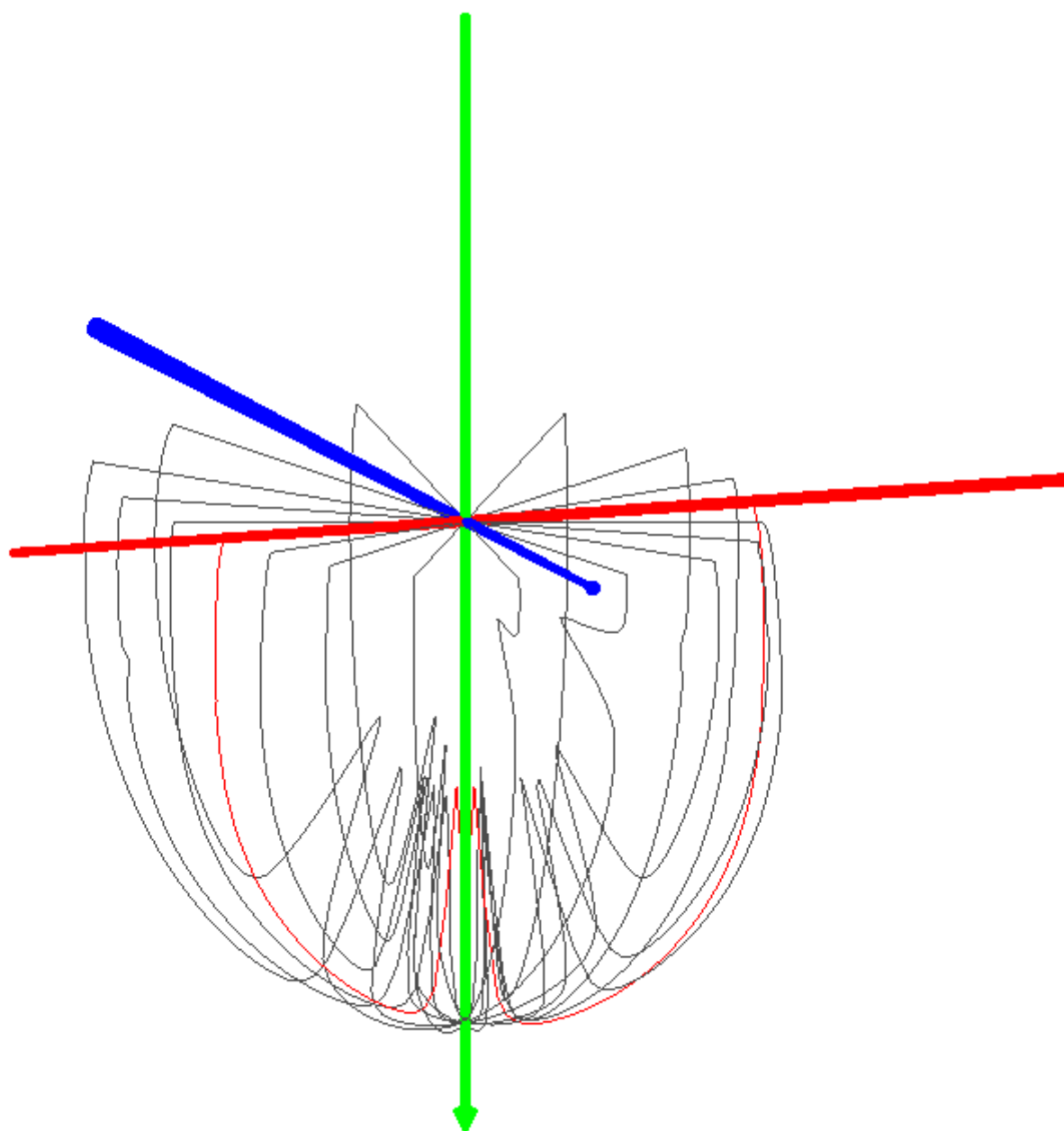
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Legend

- C0-C180

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- C90-C270

- G0-G180

U(%f)

I(%f)

Ext
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			P(%f)
0	0	0,379	0
1	100,000	100,000	100,000
2	0,00424	0,473	2,19e-05
3	0,0269	18,169	0,00529
4	0,00193	0,393	8,13e-06
5	0,00418	3,292	0,000102
6	0,00133	0,432	-1,16e-06
7	0,00552	2,455	0,000153
8	0,00125	0,268	0
9	0,00428	2,971	0,000147
10	0	0,341	0
11	0,00732	2,634	7,19e-05
12	0	0,109	0
13	0,00495	1,894	1,64e-05
14	0,000914	0,324	-4,9e-07
15	0,00341	1,553	4,68e-05
16	0	0,259	2,93e-07
17	0	0,680	0
18	0,00108	0,283	1,73e-05
19	0,00139	0,862	9,14e-06
20	0,00149	0,383	3,31e-08
21	0,00273	1,536	3,82e-06

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22	0,00121	0,351	6,62e-06
23	0,00471	0,659	4,83e-05
24	0	0,285	2,4e-06
25	0,00237	0,486	2,39e-05
26	0,000982	0,343	-1,01e-06
27	0,000836	0,276	-1,96e-06
28	0,00186	0,396	-7,05e-07
29	0,00135	0,221	1,75e-06
30	0,0024	0,546	-1,21e-07
31	0,00272	0,724	2,33e-05
32	0,00211	0,409	1e-06
33	0,00251	0,679	3,43e-05
34	0,00194	0,428	-7,5e-07
35	0,00256	0,470	5,76e-06
36	0,00193	0,370	-1,21e-06
37	0,00624	1,102	8,88e-06
38	0	0,111	-8,34e-07
39	0,00599	1,096	2,13e-05
40	0,00218	0,358	-1,45e-06
41	0,00597	1,221	3,21e-06
42	0,00265	0,445	4,6e-06
43	0,00322	0,688	2,08e-07
44	0,00175	0,394	1,51e-06
45	0,00293	0,556	2,02e-05
46	0,00308	0,330	4,48e-06
47	0,00339	0,557	2,56e-05
48	0,00173	0,236	4,6e-06
49	0,00655	0,944	2,18e-05
50	0,00275	0,342	2,9e-06

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